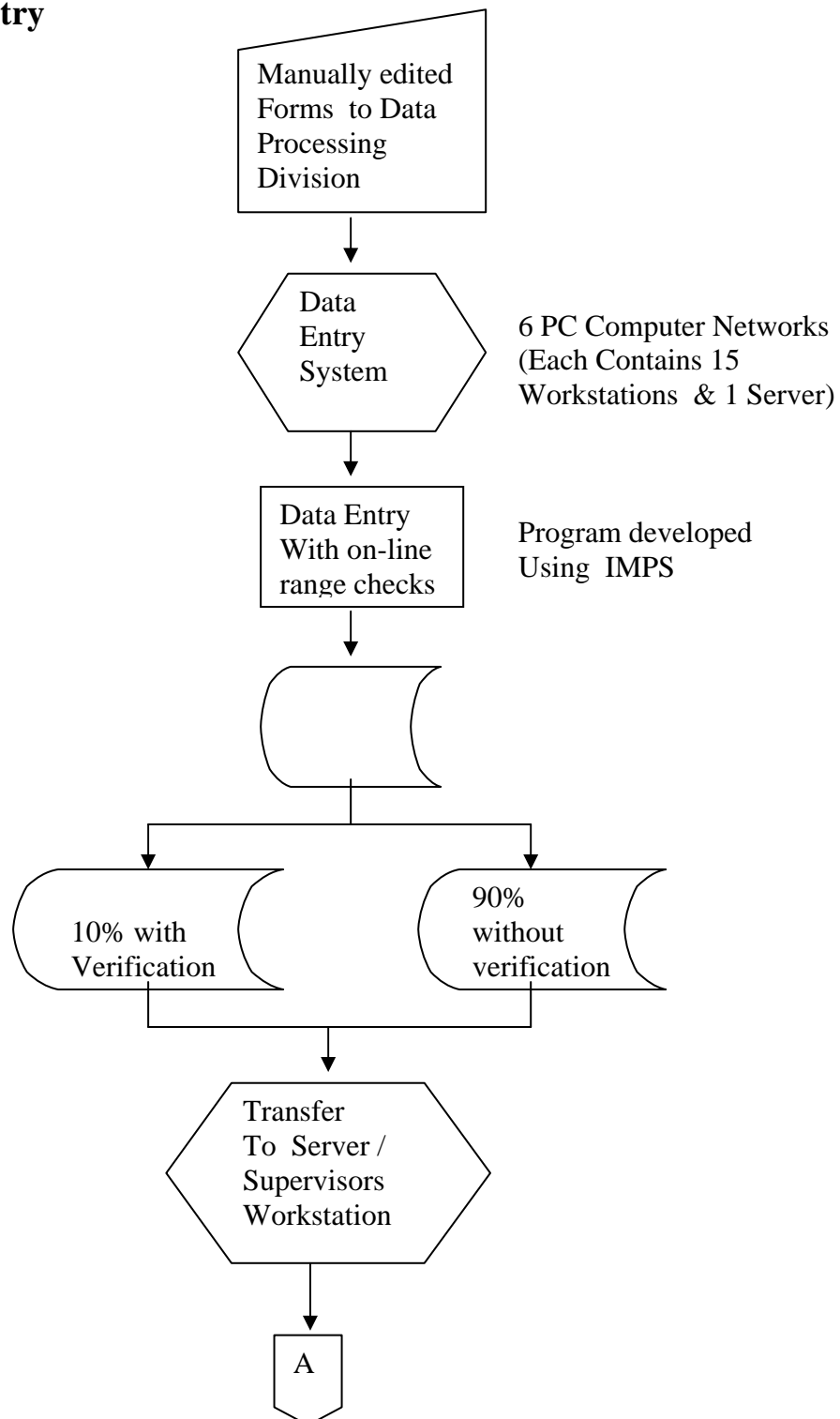# Census of Population and Housing 2001
System Flow Chart

1. Data Entry

Manually edited Forms to Data Processing Division

Data Entry System

6 PC Computer Networks (Each Contains 15 Workstations & 1 Server)

Data Entry With on-line range checks

Program developed Using IMPS

10% with Verification

90% without verification

Transfer To Server / Supervisors Workstation

A

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                              ┌─────┐
                              │  A  │
                              └──┬──┘
          ┌──────────────────────┼──────────────────────────┐
          │                      │                           │
          ▼                      │                           ▼
Data Transfer n   ┌──────────┐   │                       ╭───────╮
Procedure to main │          │   │                      │         │
Computer Room     │          │   │                       ╰───────╯
                  └────┬─────┘   │
                       │         │                        CD-ROM
                       │         │
                       ▼         ▼
IBM S/390          ╭──────╮   ┌────────┐   ZIP Diskettes
Integrated        │        ╲  │        │    (each 100 MB)
Server            │         │ └────────┘
                   ╲───────╯
                       │
                       ▼
Data Cartridge     ╭──────╮
                  │        │
                   ╲──────┘
```
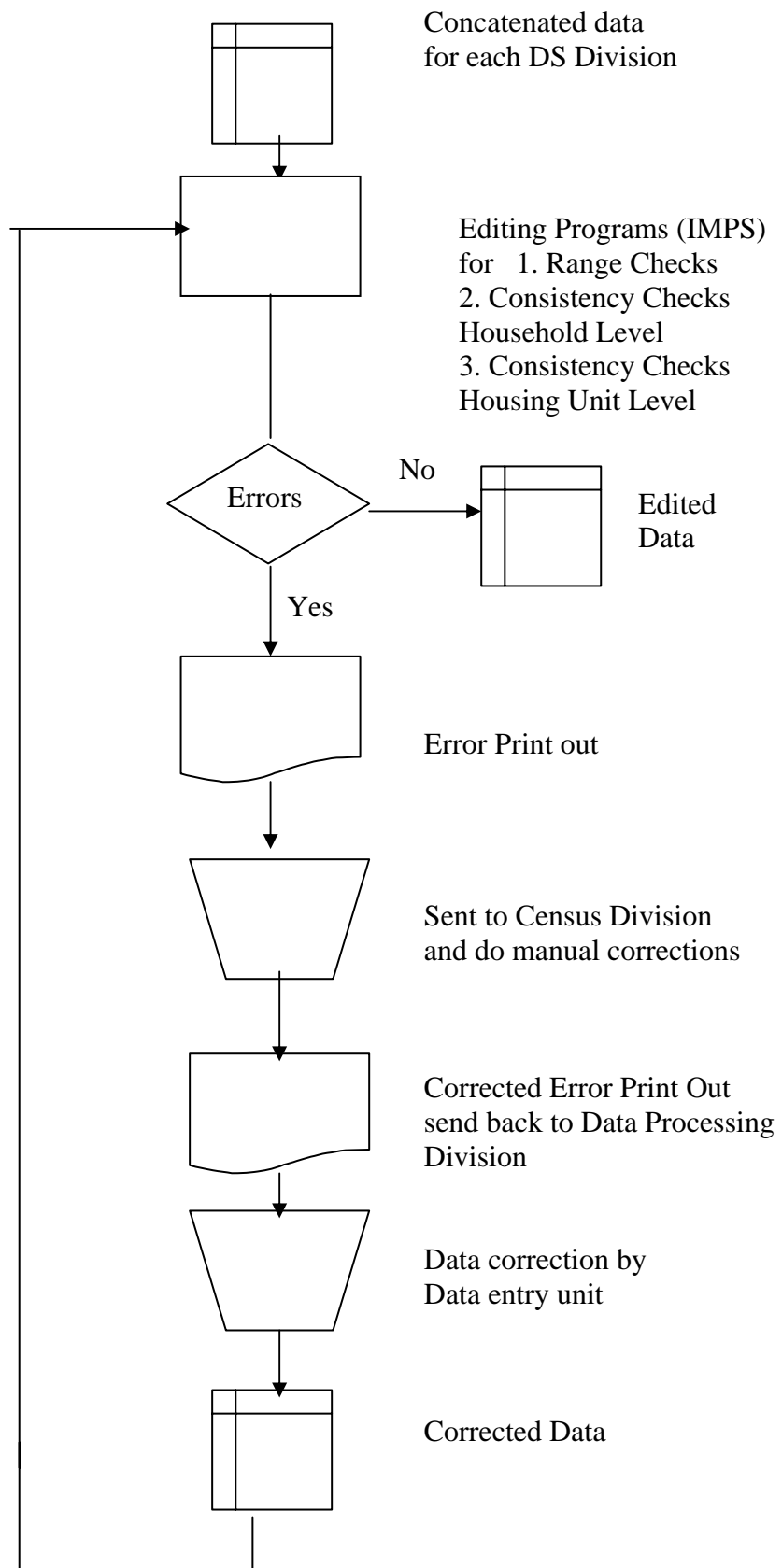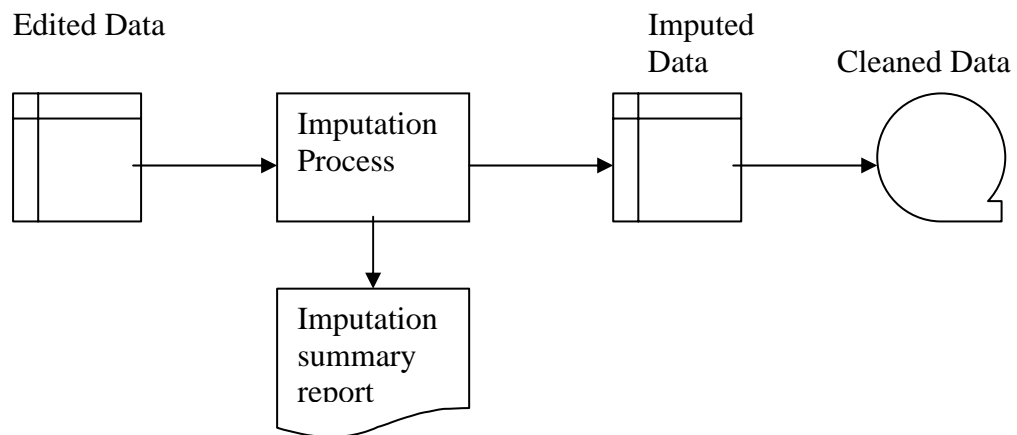
2. Data Editing

Do following procedure for

1. Range Checks
2. Consistency Checks for Household Level
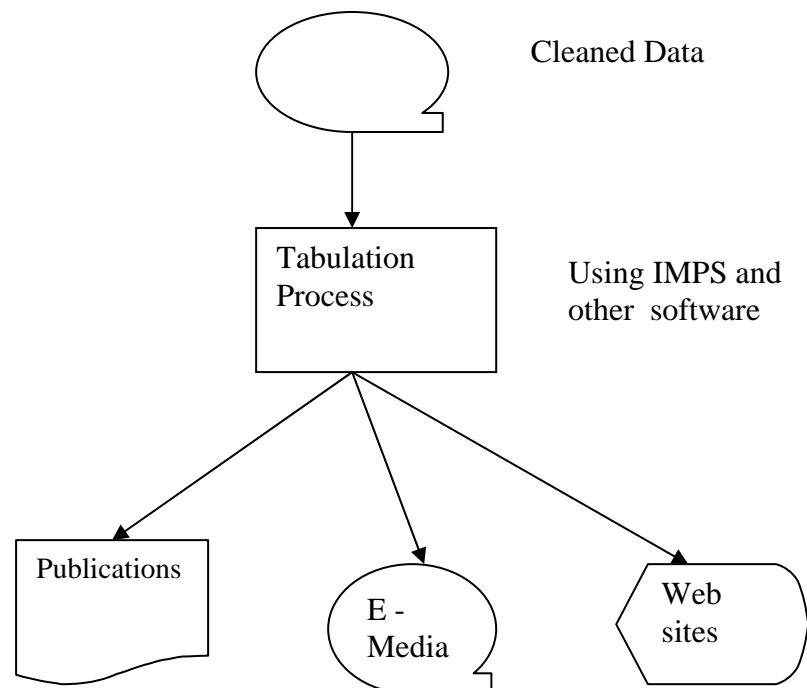3. Consistency Checks for Housing Unit Level

   Separately

Concatenated data
for each DS Division

Editing Programs (IMPS)
for   1. Range Checks
2. Consistency Checks
Household Level
3. Consistency Checks
Housing Unit Level

Errors

No

Edited
Data

Yes

Error Print out

Sent to Census Division
and do manual corrections

Corrected Error Print Out
send back to Data Processing
Division

Data correction by
Data entry unit

Corrected Data

3. Imputations

Edited Data

Imputation
Process

Imputed
Data

Cleaned Data

Imputation
summary
report

4. Processing of Tables

Cleaned Data

Tabulation
Process

Using IMPS and
other software

Publications

E -
Media

Web
sites

Completed Districts

Matale	0.722 million Records	Polonnaruwa	0.590 million Records
Galle	1.597 million Records	Martara	1.215 million Records
Hambantota	0.860 million Records	Anuradapura	1.223 million Records
Monaragala	0.644 million Records	Gampaha	3.279 million Records
Badulla	1.238 million Records	Kalutara	1.689 million Records
Colombo	3.516 million Records		