



Statistics Canada

Statistique Canada

## Memorandum

## Note de Service

Date

Client #

Client

Service

### DATA QUALITY STATEMENT

Information contained in this document considers the processes required to create the product as specified by the client. Source files used in this process are considered "frozen" at a specific point in time after they are created and verified. Errors identified after this date are documented but not corrected. Therefore, errors found in the files which are present in the source files are not corrected in order to ensure their "state" conforms to the geographic infrastructure from which the files were built.

**Product/Service:** 1981 Census Subdivision (CSD) Digital Boundary File (DBF)

Mapinfo® format

ARC/INFO® Export format

Lambert Conformal Conic projection

**Source File(s):** Official 1981 Census Subdivision (CSD) Digital Boundary File (DBF)  
Amalgame format  
Official 1981 Census Subdivision (CSD) code and name reference list

### Method of Derivation:

- Using an In-House system for manipulating geographic data files called AMALGAME the official 1981 Census Subdivision (CSD) Digital Boundary File (DBF) was converted from an AMALGAME ASCII line file format to an ARC/INFO® polygon coverage.

The conversion process was not totally successful, a significant portion of the Census Subdivision polygons did not receive a label. A total of 390 of the official 5710 Census Subdivisions did not have a CSD label.

- ▲ By using the official 1981 Census Subdivisions (CSD) codes and names reference list and the official 1981 Reference maps each of the missing labels was manually assigned the correct CSD code and name.

- ▼ Population counts by CSD were created by using the STATPAK utility on the IBM Mainframe. A comparison with the official 1981 published CSD population counts revealed that out of a total of 5710 Census Subdivisions, 5489 matched the published counts while 221 did not. The vast majority of the discrepancies occurred in CSDs found in urban areas. Due to the close proximity of large numbers of block face representative points a minute shift in a boundary can result in an erroneous

population count. To make the necessary adjustments to the affected boundaries would require a substantial amount of research and time which was not funded at this time.

**Other Considerations:**

This product is intended for cartographic mapping purposes only and is not intended for linking data geographically to create tabulations for non-standard geographic areas such as municipal districts, local planning areas, and school districts.