

1981 CENSUS OF CANADA

PUBLIC USE SAMPLE TAPES

USER DOCUMENTATION

Data Library Service



University of Toronto Library

STATISTICS CANADA

8-1200-609

Version française de cette publication  
disponible sur demande.

## TABLE OF CONTENTS

CHAPTER	PAGE
<b>I. INTRODUCTION</b>	
- Purpose of the Public Use Sample Tapes .....	1
- Description of Sample .....	1
- File Design and Content .....	2
- List of Variables on the Files .....	3
- Summary of Limitations:	
Sample .....	12
Limited Geographic Detail .....	12
Procedures to Protect Confidentiality .....	12
<b>II. STATISTICAL PROPERTIES, RELIABILITY AND LIMITATIONS</b>	
- Sample Design for the One-Fifth Census Sample:	
Selection of the One-Fifth Sample .....	13
Ratio Estimation Procedure for Published Data .....	14
- Selection of the Public Use Sample:	
General Procedure .....	15
Sample of Individuals .....	17
Sample of Households .....	19
User Selection of Smaller Samples .....	21
- Sample Evaluation:	
- General .....	22
- Validity of the Public Use Sample .....	22
- Sampling Variability:	
Introduction .....	24
Tables for Estimation of Sampling Variability .....	25
How to Use the Tables .....	35
Estimation of the Sampling Variability of a Total Count .....	35
Estimation of the Sampling Variability of a Percentage .....	35
Formulae for the Estimation of Sampling Variability .....	35
Sampling Variability for Comparisons Involving Total Counts and Percentages .....	36
Comparing Two Different Areas or Populations .....	36
Comparing More Than Two Different Areas or Populations .....	37
Comparing Public Use Sample Data with Those in Census Publications .....	38
Estimation of the Sampling Variability for Other Derived Quantities .....	38
- Non-sampling Errors .....	39
<b>III. PROGRAMMING TECHNIQUES</b>	
- Software Requirements for Processing .....	40

TABLE OF CONTENTS - Concluded

CHAPTER	PAGE
<b>IV. TECHNICAL SPECIFICATIONS AND ORDERING PROCEDURES</b>	
- General .....	41
- File Size .....	41
- Tape Options .....	42
- Ordering Procedures .....	43
- Sale of Micro-data Tape(s) .....	44
- Tape Order Form .....	46
<b>V. REFERENCE MATERIAL</b>	
<b>VI. RECORD STRUCTURE AND VARIABLES FOR THE INDIVIDUAL FILE</b>	
- Record Structure .....	48
- Record Layout .....	50
- Definitions and Codes .....	54
- Control Counts .....	189
<b>VII. RECORD STRUCTURE AND VARIABLES FOR THE HOUSEHOLD/FAMILY FILE</b>	
- Record Structure .....	193
- Record Layout .....	194
- Definitions and Codes .....	195
- Control Counts .....	196































































































