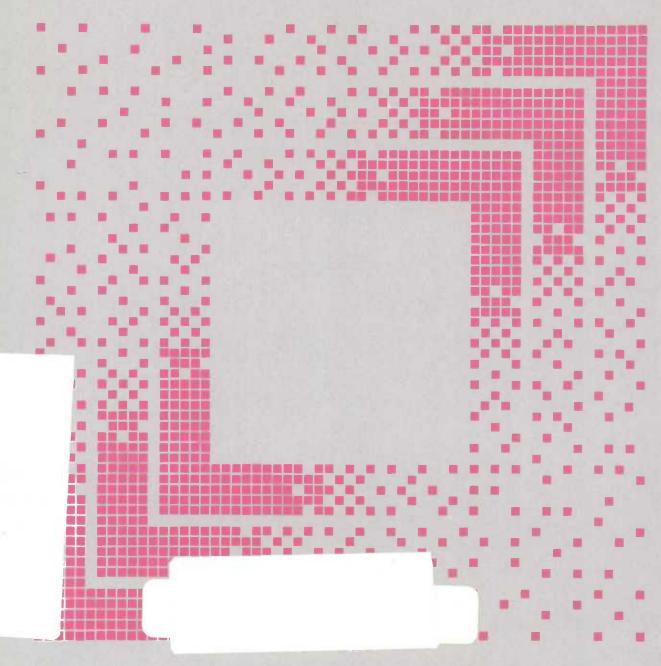


11-612E no.7P c.3

General Social Survey

PRELIMINARY DATA

CYCLE 4: EDUCATION AND WORK





Background

The General Social Survey was initiated by Statistics Canada in order to reduce gaps in the statistical information system, particularly in relation to socio-economic trends. Many of these gaps cannot be filled through existing data sources because of the range or periodicity of the information required. A similar demand for such data has brought about the introduction of general social surveys in many other countries including Australia, Japan, the Scandinavian nations and the United Kingdom.

The General Social Survey has two principal objectives: first, to gather data on trends in Canadian society over time, and second, to provide information on specific policy issues. To meet these objectives the content of GSS is made up of three components: Core, Classification and Focus.

Core content is intended to obtain information which monitors longterm social trends or measures temporal changes in society related to living conditions or well-being. Each cycle covers a specific Core content area, which will recur on a permanent basis. Classification content consists of variables which provide the means of delineating population groups.

Focus content is aimed at meeting the second objective of GSS, namely to provide information touching directly on a specific policy issue or social problem. Focus content, in general, is not expected to be repeated on a permanent basis. Additionally, costs associated with Focus content are recovered from sponsors.

The General Social Survey is a continuing program with a single survey cycle each year. The current status of individual cycles is as follows:

Cycle	Status
1	Preliminary data released in June 1986. Public Use Microdata file available January 1987. Publication titled "Health and Social Support, 1985" was released in January 1988.
2	Preliminary data released for the language module in January 1989. Preliminary data released for the time use and social mobility modules in March 1989. Public Use Microdata file available December 1989.
3	Collected data January-March 1988 on personal risk arising from accidents and criminal victimizations. Preliminary data released in April 1989.
4	Collected data January-March 1989 on education and work. Preliminary data released in this report.
5	Data to be collected January-March 1990 on family and friends.
6	Content on health under development for start of data collection in January 1991.

Cycle 4: Methodology

The sample for the fourth cycle was selected by random digit dialing and included persons aged 15 years and over distributed throughout the ten provinces of Canada. Exclusions comprised full time residents of institutions. Interviewers dialed each computer selected telephone number and completed a Selection Control Form (GSS 4-1) for each one. When they contacted a private household, they enumerated all the members of the household on this form, and then randomly selected and interviewed one member aged 15 or older. Nine thousand three hundred and thirty-eight (9338) individuals were interviewed in this way and answered the Education and Work Questionnaire (GSS 4-2), yielding a response rate of approximately 80%.

The GSS 4-2 collected the following types of information: the respondent's education background, both completed education and future plans; the respondent's work history, before and after their education and in 1984 and 1988; the respondent's opinions on science and technology and its affect on themselves. A copy of the questionnaire is included in the appendix.

Output

The attached tables present the first data to be released from Cycle 4. A public use microdata file will be available in the spring of 1990. Two publications presenting data primarily in the form of tables and charts, as well as initial analysis and findings, should be available in the winter of 1990 - 1991.

Contacts

For more information on individual cycles please contact:

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For more general information and information related to the purchase of Focus content:

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January 1990

EDUCATION AND WORK

Selected findings related to education enrolment and future plans:

- o In 1989, 3.3 million (16%) Canadians age 15 and older reported working towards a diploma or degree. Of these, 40% were seeking a high school diploma, some 30% were studying for a university degree, about 15% were pursuing a diploma or certificate from a community college (including CEGEP's and nursing schools), and 11% were seeking diplomas from a trade, technical or vocational school or business college. Of the 3.3 million individuals enrolled in a diploma or degree program, 8% had not taken any courses in the 12 months prior to the survey (Tables 1A, 1B, 1C).
- o In the 12 months before beginning their current educational diploma or degree program, more than two in three of this group had been students and 27% had been employed (Table 3).
- o Close to one in four (4.9 million) adult Canadians intend to start an educational program in the next five years. An estimated 2.3 million (60%) Canadians age 15 to 24 years and 2.2 million (25%) age 25 to 44 years have further educational plans, while only 5% of persons age 45 and older plan to pursue further studies. Almost one in four Canadians who reported employment as their main activity in 1988 were planning for further education (Table 2A).
- o The main reasons given for future education plans were predominantly employment related: 29% to prepare for a first

career, 33% to improve their existing career, 10% to make a career change and 10% to improve their earnings. Only 15% stated that their main reason behind plans for further education was an interest in the subject (Table 2B).

o Females were slightly more likely than males to have plans for further education. Women were also more likely to be planning further education in order to get a first job, to change jobs or careers or because they were interested in the subject. Men, in contrast, were more likely than women to indicate increased earnings as a main reason for further education (Tables 2A, 2B).

Selected findings related to the use of computers:

- o About 43% (5.4 million) of persons employed at the time of the survey reported that their work had been somewhat or greatly affected by the introduction of computers or automated technology in the past five years. Two-thirds of those affected reported that the level of skills required to do their work had increased, 88% stated that their job security had stayed the same or increased and 61% stated that their jobs had become more interesting as a result of this automation (Tables 5, 6).
- o Among Canadians who were employed at the time of the survey, one-third (4.3 million) reported using computers in their job and

more than half (58%) used the computer an average of 10 or more hours per week (Table 4A, 4B).

- An estimated 9.6 million adult Canadians (47%) reported being able to use a computer for some purpose, with little difference between males (48%) and females (46%). About 74% of the population age 15 to 24 years old reported having this ability, compared with 58% of 25 to 44 year olds and only 22% of individuals age 45 or older (Table 7A).
- Nearly one in three Canadians (6.4 million) reported having taken a course on how to use computers. About 58% of persons 15 to 24 years old had taken a computer course, compared with only 14% of individuals 45 years of age or older (Table 7A).

Selected findings related to retirement:

- o Of those employed in 1988, 43% reported plans to retire before age 65, 14% at age 65 and only 1% after age 65. An additional 7% indicated they did not plan to retire and 34% did not know when they would retire (Table 8).
- o Retirement plans differ considerably by age. Baby boomers (persons age 25 to 44 years) were most likely to indicate plans for an early retirement, with about half of this age group choosing

this option (Table 8).

o The survey showed that about 62% of Canadians (12.6 million) do not support mandatory retirement. Of the one in three who believe it is a good idea, men are slightly more likely to favour mandatory retirement than women. Canadians age 45 years and over are somewhat more supportive of mandatory retirement than are younger persons (Table 9).

TABLES

Table 1A	:	Population 15 Years of Age and Over by Current Educational Enrolment by Sex and Age Group, Canada, 1989
Table 1B	:	Population 15 Years of Age and Over, Who are Currently Enrolled in an Educational Program, by Type of Educational Enrollment by Sex and Age Group, Canada, 1989
Table 1C	:	Population 15 years of Age and Over, Who are Currently Enrolled in an Educational Program, by Indicator of Courses Taken in the Past 12 Months by Sex and Age Group, Canada, 1989
Table 2A	:	Population 15 Years of Age and Over by Educational Intentions in the Next Five Years by Sex and Age Group, Canada, 1989
Table 2B	•	Population 15 Years of Age and Over, Who Plan to Enroll in an Educational Program in the Next Five Years, by Reasons for Further Education by Sex and Age Group, Canada, 1989
Table 3	:	Population 15 Years of Age and Over, Who are Currently Enrolled in an Educational Program, by Main Activity Prior to Enrolment by Sex and Age Group, Canada, 1989
Table 4A	:	Employed Population 15 Years of Age and Over by Use of Computers on the Job by Sex and Age Group, Canada, 1989
Table 4B	:	Employed Population 15 Years of Age and Over, Who Use Computers on the Job, by Hours of Use Per Week by Sex and Age Group, Canada, 1989
Table 5	•	Employed Population 15 Years of Age and Over by the Degree to Which Their Job has been Affected by the Introduction of Computers or Automated Technology During the Last Five Years by Sex and Age Group, Canada, 1989

TABLES

Table 6: Employed Population 15 Years of Age and Over, Who have been Affected by the Introduction of Computers or Automated Technology During the Last Five Years, by the Type of Impact this Technology as had on Their Job by Sex and Age Group, Canada, 1989

Table 6.1: Skill Required for Job

Table 6.2: Job Security

Table 6.3: Interest Level of Job

Table 7A : Population 15 Years of Age and Over by

Indicators Related to Computer Use by Sex and Age

Group, Canada, 1989

Table 7B : Population 15 Years of Age and Over, Who Can Use a Computer, by Types of Use in the Past 12

Months by Sex and Age Group, Canada, 1989

Table 8 : Employed Population 15 Years of Age and Over by

Their Retirement Plans by Sex and Age Group, Canada,

1989

Table 9 : Population 15 Years of Age and Over by Their

Views on Mandatory Retirement Age by Sex and Age

Group, Canada, 1989

Note for all tables :

- 1) amount too small to be expressed, i.e. sampling variability (coefficient of variation) is greater than 33%
- 2) . amount in cell is nil (or zero)
- 3) figures between 28,000 and 64,000 have a high sampling variation; use with caution

TABLE 1A: POPULATION 15 YEARS OF AGE AND OVER BY CURRENT EDUCATIONAL ENROLLMENT BY SEX AND AGE GROUP, CANADA, 1989

SEX AND AGE GROU	P	TOTAL POPULATION	7	CURRENTI		NOT CURRENTI ENROLLE		NOT STATE	ED
		No. 000's	96	No. 000's	96	No. 000's	%	No. 000's	%
BOTH SEXE	S ALL AGES	20,248	100	3,262	16.1	16,982	83.9	-	-
	15 – 19	1,860	100	1,485	79.8	375	20.2		
	20 - 24	2,053	100	657	32.0	1,396	68.0		
	25 - 44	8,601	100	1,007	11.7		88.3		
	45 +	7,734	100	113	1.5	7,617	98.5	-	-
MALE	ALL AGES	9,903	100	1,581	16.0	8,322	84.0		*
	15 – 19	951	100	768	80.8	183	19.2		
	20 - 24	1,038	100	307	29.6	730	70.4		
	25 - 44	4,279	100	477	11.2	3,802	88.8		
	45 +	3,635	100	_	-	3,607	99.2		
FEMALE	ALL AGES	10,345	100	1,681	16.2	8,660	83.7	-	_
	15 - 19	909	100	716	78.8	192	21.2		
	20 - 24	1,015	100	350	34.5	665	65.5		
	25 - 44	4,322	100	530	12.3	3,792	87.7		
	45+	4,099	100	85	2.1	4,010	97.8	-	_

TABLE 1B: POPULATION 15 YEARS OF AGE AND OVER WHO ARE CURRENTLY ENROLLED IN AN EDUCATIONAL PROGRAM BY TYPE OF EDUCATIONAL ENROLLMENT BY SEX AND AGE GROUP, CANADA, 1989

TYPE OF EDUCATION ENROLLMENT

SEX AND AGE GROU	Р		TOTAL OLLED LATION	UN	IVERSITY		OLLEGE/ CEGEP/ NURSING SCHOOL	TECH!		HIGH SC DIP	HOOL	OTHER OF DIP		NOT STA	TED
		No. 000's	%	No. 000's	%	No. 000's	%	No. 000's	%	No. 000's	%	No. 000's	%	No. 000's	96
BOTH SEXE	ES ALL AGES	3,262	100	967	29.6	484	14.8	374	11.5	1,312	40.2	111	3.4	-	-
	15 – 19	1,485	100	105	7.1	140	9.5	49	3.3	1,188	80.0	-	-		
	20 - 24 25 - 44	657 1,007	100	338 448	51.5 44.5	126 208	19.2 20.6	125 183	19.0 18.1	45 76	6.8 7.5	83	8.3	_	_
	45 +	113	100	75	66.5	-	-	-	-	-	-	-	-		
MALE	ALL AGES	1,581	100	429	27.1	232	14.7	204	12.9	650	41.1	55	3.5	-	-
	15 – 19	768	100	60	7.8	90	11.7	-	-	598	77.8				
	20 - 24	307	100	149	48.6	444	_	76	24.6	_	_	_	-	-	-
	25 - 44	477	100	200	42.0	90	18.9	101	21.2	41	8.6	39	8.1	_	-
	45 +	-	44	-	-	11 5-	-	-	-	_ 1	-	-	-		
FEMALE	ALL AGES	1,681	100	538	32.0	252	15.0	170	10.1	662	39.4	56	3.3		-
	15 – 19	718	100	45	6.3	_	_	_	_	589	82.3	40	-		
	20 - 24	350	100	189	54.0	75	21.4	49	14.1	35	9.9	Na.	-		
	25 - 44	530	100	248	46.8	118	22.2	82	15.4	34	6.5	45	8.4	_	-
	45 +	85	100	56	65.5	-	-	440	-	_	_	_	-		

TABLE 1C: POPULATION 15 YEARS OF AGE AND OVER WHO ARE CURRENTLY ENROLLED IN AN EDUCATIONAL PROGRAM BY INDICATOR OF COURSES TAKEN IN THE PAST 12 MONTHS BY SEX AND AGE GROUP, CANADA, 1989

HAVE TAKEN COURSES IN THE PAST 12 MONTHS

SEX AND AGE GROUP		ENF	TOTAL ROLLED LATION	YES		NO		
		No. 000's	9,6	No. 000's	%	No. 000's	96	
BOTH SEXES	ALL AGES	3,262	100	3,002	92.0	260	8.0	
	15 – 19	1,485	100	1,463	98.5			
	20 - 24	657	100	629	95.7	_	_	
	25 - 44	1,007	100	811	80.5	196	19.5	
	45 +	113	100	99	87.2	-	_	
MALE	ALL AGES	1,581	100	1,448	91.6	133	8.4	
	15 – 19	768	100	756	98.3			
	20 - 24	307	100	295	96.1		_	
	25 - 44	477	100	374	78.3	103	21.7	
	45+	-	_	-	-	-	-	
FEMALE	ALL AGES	1,681	100	1,554	92.5	127	7.5	
	15 – 19	716	100	707	98.8	_	_	
	20 - 24	350	100	334	95.4	-	_	
	25 - 44	530	100	437	82.5	92	17.5	
	45 +	85	100	76	88.9	_	-	

TABLE 2A: POPULATION 15 YEARS OF AGE AND OVER BY EDUCATIONAL INTENTIONS IN THE NEXT FIVE YEARS BY SEX AND AGE GROUP, CANADA, 1989

PLANNING TO START AN EDUCATIONAL PROGRAM

SEX AND AGE GROUP		POPULA		YES		NO		DON'T N	NOW	NOT S	TATED
		No.	96	No.	%	No.	96	No.	%	No.	%
		8,000		000's		9,000		9,000		8'000	
BOTH SEXES	ALL AGES	20,248	100	4,946	24.4	12,744	62.9	2,533	12.5	-	-
	15 - 19	1,860	100	1,415	76.1	252	13.5	184	9.9		-
	20 - 24	2,053	100	923	45.0	730	35.6	395	19.3	-	_
	25 - 44	8,601	100	2,192	25.5	4902	57.0	1,500	17.4	-	-
	45 +	7,734	100	416	5.4	6860	88.7	454	5.9	400	-
MALE	ALL AGES	9,903	100	2,376	24.0	6396	64.6	1,126	11.4	-	-
	15 – 19	951	100	709	74.6	135	14.2	106	11.2		
	20 - 24	1,038	100	460	44.3	407	39.3	170	16.4		
	25 - 44	4,279	100	1,048	24.5	2553	59.7	676	15.8	_	_
	45 +	3,635	100	159	4.4	3300	90.8	173	4.8	-	**
FEMALE	ALL AGES	10,345	100	2,570	24.8	6348	61.4	1,407	13.6	***	-
	15 - 19	909	100	706	77.7	116	12.8	78	8.6	_	-000
	20 - 24	1,015	100	464	45.7	323	31.8	225	22.2	-	mph
	25 - 44	4,322	100	1,144	26.5	2349	54.3	824	19.1	-	-
	45 +	4,099	100	257	6.3	3560	86.9	280	6.8	-	100

TABLE 2B: POPULATION 15 YEARS OF AGE AND OVER, WHO PLAN TO ENROLL IN AN EDUCATIONAL PROGRAM
IN THE NEXT FIVE YEARS BY REASONS FOR FURTHER EDUCATION BY SEX AND AGE GROUP, CANADA, 1989

MAIN REASON FOR FURTHER EDUCATION

						IV	nzun n	LASONTONT	OHIF	IER EDUCATIO	734						
SEX AND AGE GROUP			IG ON	TO PREPAR FOR FIRST CAREER	****	TO CHANGE CAREERS		TO IMPROVE CAREER		TO IMPROVE EARNINGS		BECAUSE (INTEREST) THE SUBJE	IN	SOME OTH	ER	NOT S	TATED
		No. 000's	%	No. 000's	%	No. 000's	%	No. 000's	%	No. 000's	%	No.	%	No. 000's	96	No. 000's	%
BOTH SEXES	ALL AGES	4,946	100	1,422	28.8	495	10.0	1,611	32.6	499	10.1	765	15.5	145	2.9	_	
	15 - 19	1,415	100	1,109	78.4	_	_	103	7.2	66	4.7	82	5.8	-	_	_	-
	20 - 24	923	100	216	23.4	112	12.2	341	37.0	103	11.1	127	13.7	_	-	404	_
	25 - 44	2,192	100	97	4.4	326	14.9	1,016	46.3	295	13.5	379	17.3	79	3.6		
	45 +	416	100			33	7.8	152	36.5	35	8.4	178	42.8	-	-		
MALE	ALL AGES	2,376	100	621	26.2	228	9.6	812	34.2	278	11.7	364	15.3	64	2.7	-	-
	15 – 19	709	100	514	72.5	_	_	74	10.4	53	7.5	36	5.1	_		_	_
	20 - 24	460	100	74	16.2	51	11.2	196	42.6	57	12.5	65	14.1	_	_	-	_
	25 - 44	1,048	100	_	_	159	15.2	470	44.8	158	15.1	198	18.9	-	-		
	45 +	159	100			-	***	73	45.7	-	-	65	40.8	erre	-		-
FEMALE	ALL AGES	2,570	100	801	31.2	267	10.4	799	31.1	221	8.6	401	15.6	80	3.1		
	15 - 19	706	100	595	84.3	-	-	_	_	-	_	_	_	-	_		
	20 - 24	464	100	142	30.6	61	13.2	146	31.4	46	9.8	62	13.3	-	-		
	25 - 44	1,144	100	64	5.6	167	14.6	546	47.7	137	12.0	181	15.8	49	4.3		
	45 +	257	100			_	_	79	30.8	-	_	113	44.0		_		
	45 +	257	100			_	_	79	30.8	-	-	113	44.0		-	*	

TABLE 3: POPULATION 15 YEARS OF AGE AND OVER WHO ARE CURRENTLY ENROLLED IN AN EDUCATIONAL PROGRAM BY MAIN ACTIVITY PRIOR TO ENROLLMENT BY SEX AND AGE GROUP, CANADA, 1989

MAIN ACTIVITY PRIOR TO ENROLLMENT

AGE GROUP		POPULA			OB OR	A STU	DENT		THER	NOT STA	ATED
		No. 000's	96	No. 000's	%	No. 000's	%	No. 000's	%	No. 000's	9/6
OTH SEXES	ALL AGES	3,262	100	881	27.0	2,239	68.6	138	4.2	-	-
	15 – 19	1,485	100	_	-	1,439	96.9	_	_	172 7_	_
	20 - 24	657	100	185	28.1	439	66.9	33	5.0		
	25 - 44	1,007	100	594	59.0	334	33.2	79	7.8	_	-
	45+	113	100	68	60.2	-	-	_	-	_	-
MALE	ALL AGES	1,581	100	434	27.5	1,116	70.6	-	_	-	_
	15 – 19	768	100	_	-	741	96.4	_	-		-
	20 - 24	307	100	93	30.4	200	65.2	-	-		
	25 - 44	477	100	299	62.7	167	34.9	_	-		
	45+	-	-	-	-	-	-	-	-		
FEMALE	ALL AGES	1,681	100	447	26.6	1,123	66.8	108	6.4	-	***
	15 – 19	716	100	-	-	698	97.5	_	-		
	20 - 24	350	100	91	26.1	239	68.3	-	-		
	25 - 44	530	100	294	55.6	167	31.6	67	12.7	-	-
	45+	85	100	49	58.1	_	_	_	-	-	_

TABLE 4A: EMPLOYED POPULATION 15 YEARS OF AGE AND OVER BY USE OF COMPUTERS ON THE JOB BY SEX AND AGE GROUP, CANADA, 1989

SEX AND AGE GROUP		TOTAL EMPLOYED		D	o you us	E COMPUTE	ERS ON YO	UR JOB?		
		POPULATION		YES		NO		NOT S	STATED	
		No.	%	No.	96	No.	%	No.	%	
		000's		000's		000's		000's		
BOTH SEXES	ALL AGES	12,675	100	4,284	33.8	8,323	65.7	68	0.5	
	15 - 24	2,242	100	521	23.3	1,707	76.1	-	-	
	25 - 44	6,943	100	2,832	40.8	4,088	58.9	-	_	
	45 +	3,490	100	930	26.7	2,529	72.5	-	-	
MALE	ALL AGES	7,065	100	2,173	30.8	4,861	68.8	-	-	
	15 – 24	1,151	100	226	19.6	920	79.9	-	- 1	
	25 - 44	3,862	100	1,443	37.4	2,415	62.5	-	_	
	45 +	2,052	100	504	24.5	1,527	74.4	-	-	
FEMALE	ALL AGES	5,610	100	2,111	37.6	3,462	61.7	-	-	
	15 - 24	1,091	100	295	27.1	787	72.1	_	_	
	25 - 44	3,081	100	1,389	45.1	1,673	54.3	-	-	
	45+	1,438	100	426	29.7	1,002	69.7	_	-	

TABLE 4B: EMPLOYED POPULATION 15 YEARS OF AGE AND OVER WHO USE COMPUTERS ON THE JOB BY HOURS OF USE PER WEEK BY SEX AND AGE GROUP, CANADA, 1989

SEX AND AGE GROUP		POPULATION				NUMBER	OF COI	MPUTER H	OURS	PER WEE	<		
AGE GIIOGI		WHO USE COMPUTERS		LESS TH		5 TO 9 HOURS		10 TO 19 HOURS		20 OR MO		NOT STA	TED
			+										
		No. 000's	9/5	No. 000's	9/5	No. 000's	9/6	No. 000's	96	No. 000's	96	No. 000's	9/6
BOTH SEXES	ALL AGES	4,284	100	1,112	26.0	626	14.6	831	19.4	1,660	38.8	55	1.3
	15-24	521	100	110	21.1	72	13.8	97	18.6	237	45.5	400	
	25 - 44	2,832	100	738	26.0	400	14.1	512	18.1	1,154	40.7	28	1.0
	45+	930	100	265	28.4	153	16.5	222	23.8	269	28.9	-	-
MALE	ALL AGES	2,173	100	707	32.5	344	15.8	395	18.2	699	32.2	_	-
	15 - 24	226	100	79	35.2	-	-	-	-	104	45.9		
	25 - 44	1,443	100	462	32.0	248	17.2	248	17.1	469	32.5	-	-
	45 +	504	100	165	32.7	76	15.1	124	24.7	125	24.9	-	-
FEMALE	ALL AGES	2,111	100	406	19.2	282	13.4	436	20.7	961	45.5	012	-
	15 – 24	295	100	30	10.3	53	17.8	74	24.9	133	45.2	-	-
	25 - 44	1,389	100	276	19.8	152	10.9	265	19.1	685	49.3	-	-
	45 +	426	100	100	23.4	78	18.2	98	22.9	143	33.6	_	-

TABLE 5: EMPLOYED POPULATION 15 YEARS OF AGE AND OVER BY THE DEGREE TO WHICH THEIR JOB HAS BEEN AFFECTED BY THE INTRODUCTION OF COMPUTERS OR AUTOMATED TECHNOLOGY DURING THE LAST FIVE YEARS BY SEX AND AGE GROUP, CANADA, 1989

45+

1,438

100

326

22.7

AFFECT OF AUTOMATED TECHNOLOGY ON JOB SEX AND TOTAL NOT AGE GROUP **EMPLOYED** GREATLY SOMEWHAT HARDLY AFFECTED AT **POPULATION AFFECTED AFFECTED AFFECTED** ALL NOT STATED No. 96 No. 96 No. 96 No. 96 No. 96 No. 96 000's 8'000 000's 8'000 8'000 9,000 **BOTH SEXES** ALL AGES 100 12,675 3,555 28.0 1.886 14.9 1,826 14.4 5.313 41.9 95 0.7 15 - 242,242 100 426 19.0 256 11.4 369 16.4 1,167 52.0 25 - 44 6.943 100 2,323 33.5 1,151 16.6 1,004 14.5 2,428 35.0 38 0.5 45 + 3,490 100 806 23.1 480 13.7 454 13.0 1,719 49.2 MALE ALL AGES 7,065 100 1,950 27.6 1,192 16.9 1,055 14.9 2,826 40.0 15 - 241,151 100 204 17.7 164 14.3 192 16.7 582 50.6 25 - 44 3.862 100 1.266 32.8 19.0 14.5 734 560 1,290 33.4 45 + 2,052 100 480 23.4 294 14.3 303 14.8 954 46.5 FEMALE ALL AGES 5,610 100 1,605 28.6 694 12.4 771 13.7 2,487 44.3 52 0.9 15-24 1.091 100 222 20.4 91 8.4 176 16.1 584 53.6 25 - 44 1.057 13.5 3,081 100 34.3 417 445 14.4 1.138 36.9

186

12.9

150

10.5

GENERAL SOCIAL SURVEY, 1989

53.2

765

TABLE 6.1: EMPLOYED POPULATION 15 YEARS OF AGE AND OVER WHO HAVE BEEN AFFECTED BY THE INTRODUCTION OF COMPUTERS OR AUTOMATED TECHNOLOGY DURING THE LAST FIVE YEARS BY THE TYPE OF IMPACT THIS TECHNOLOGY HAS HAD ON THEIR JOB BY SEX AND AGE GROUP, CANADA, 1989

					SKILL R	EQUIRED FO	OR JOB				
SEX AND		EMP	LOYED								
AGE GROUP		POPU	LATION					STAY	ED THE		
		AFF	ECTED	INC	REASED	DECR	REASED		SAME	NO	OT STATED
		No.	96	No.	96	No.	96	No.	96	No.	96
		000's		000's		000's		000'8		000's	
BOTH SEXES	ALL AGES	5,441	100	3,695	67.9	113	2.1	1,621	29.8	_	7-0
	15 - 24	682	100	383	56.1	_	_	273	40.1	_	-
	25 - 44	3,474	100	2,421	69.7	72	2.1	975	28.1	-	-
	45 +	1,285	100	891	69.4	-	-	372	29.0	alle	-
MALE	ALL AGES	3,142	100	2,086	66.4	50	1.6	997	31.7	-	-
	15 - 24	368	100	192	52.2	_	_	160	43.6	_	-
	25 - 44	2,000	100	1,358	67.9	32	1.6	606	30.3	-	-
	45 +	774	100	537	69.4	-	-	230	29.8		-
FEMALE	ALL AGES	2,299	100	1,609	70.0	63	2.8	624	27.1	-	-
	15 – 24	314	100	191	60.8	= -	_	113	36.0	_	-
	25 - 44	1,474	100	1,064	72.2	40	2.7	369	25.0	-	-
	45 +	512	100	355	69.3	-		142	27.8	-	-

TABLE 6.2: EMPLOYED POPULATION 15 YEARS OF AGE AND OVER WHO HAVE BEEN AFFECTED BY THE INTRODUCTION OF COMPUTERS OR AUTOMATED TECHNOLOGY DURING THE LAST FIVE YEARS BY THE TYPE OF IMPACT THIS TECHNOLOGY HAS HAD ON THEIR JOB BY SEX AND AGE GROUP, CANADA, 1989

							JOB S	ECURITY			
SEX AND			LOYED					07.11	50 THE		
AGE GROUP			LATION	INO	DEACED.	DECE	DE ACED	STAY	ED THE	6.14	OT OTATED
		AFF	ECTED	INCF	REASED	DECF	REASED	1-1	SAME	N	OT STATED
		No.	96	No.	96	No.	96	No.	96	No.	%
		8,000		000's		000's		000's		000's	
BOTH SEXES	ALL AGES	5,441	100	1,046	19.2	595	10.9	3,753	69.0	47	0.9
	15 – 24	682	100	129	19.0	49	7.1	496	72.8	-	_
	25 - 44	3,474	100	717	20.6	413	11.9	2,325	66.9	_	-
	45+	1,285	100	201	15.6	133	10.3	931	72.4	-	-
MALE	ALL AGES	3,142	100	641	20.4	370	11.8	2,112	67.2	-	-
	15 – 24	368	100	72	19.5	-	_	268	72.9	-	-
	25 - 44	2,000	100	426	21.3	264	13.2	1,296	64.8	-	-
	45+	774	100	143	18.4	80	10.3	548	70.8	-	-
FEMALE	ALL AGES	2,299	100	406	17.7	224	9.8	1,640	71.3	-	-
	15 - 24	314	100	58	18.4	_		228	72.7	_	_
	25 - 44	1,474	100	290	19.7	149	10.1	1,029	69.8	-	_
	45 +	512	100	58	11.3	53	10.3	383	74.9	-	_

TABLE 6.3: EMPLOYED POPULATION 15 YEARS OF AGE AND OVER WHO HAVE BEEN AFFECTED BY THE INTRODUCTION OF COMPUTERS OR AUTOMATED TECHNOLOGY DURING THE LAST FIVE YEARS BY THE TYPE OF IMPACT THIS TECHNOLOGY HAS HAD ON THEIR JOB BY SEX AND AGE GROUP, CANADA, 1989

SEX AND		EMP	LOYED		11	NTEREST LE	VEL OF JO	В				
GE GROUP			LATION					STAY	STAYED THE			
IGE GIOOI		AFFECTED		INCREASED		DECREASED		SAME		NOT STATED		
7775	e F	No.	96	No.	96	No.	96	No.	96	No.	96	
		000's		000's		000's		000's		000,8		
BOTH SEXES	ALL AGES	5,441	100	3,325	61.1	218	4.0	1,882	34.6	-	-	
	15 – 24	682	100	417	61.2	_	_	237	34.8	-	-	
	25 - 44	3,474	100	2,136	61.5	140	4.0	1,191	34.3	don	-	
	45 +	1,285	100	772	60.0	54	4.2	454	35.3	-	-	
MALE	ALL AGES	3,142	100	1,923	61.2	112	3.6	1,097	34.9	-	-	
	15 - 24	368	100	234	63.6	_	_	121	32.9	_	_	
	25 - 44	2,000	100	1,213	60.6	66	3.3	716	35.8	-	-	
	45 +	774	100	476	61.6	-		260	33.6	-	-	
FEMALE	ALL AGES	2,299	100	1,402	61.0	105	4.6	785	34.2	-	***	
	15 – 24	314	100	183	58.4	nest	-	116	37.0	-	-	
	25 - 44	1,474	100	924	62.7	74	5.0	474	32.2	_	-	
	45 +	512	100	295	57.7			195	38.0			

TABLE 7A: POPULATION 15 YEARS OF AGE AND OVER BY INDICATORS RELATED TO COMPUTER USE BY SEX AND AGE GROUP, CANADA, 1989

SEX AND		TOTAL		Н	AVE TAKE	EN A COMPU	TER COUP	ISE		ABLE TO USE A COMPUTER					
AGE GROUP		POPULATIO	N	YES		NO		NOT STATED		YES		NO		NOT STATED	
		No. 000's	%	No. 000's	%	No. 000's	%	No. 000's	%	No. 000's	%	No. 000's	%	No. 000's	%
BOTH SEXES	ALL AGES	20,248	100	6,387	31.5	13,832	68.3	-	-	9,580	47.3	10,658	52.6	-	-
	15 – 24	3,913	100	2,260	57.8	1,651	42.2	alle	-	2,885	73.7	1,028	26.3		
	25 - 44 45 +	8,601 7,734	100	3,081 1.045	35.8 13.5	5,509 6,672	64.1 86.3	_	-	5,005 1,690	58.2 21.9	3,591 6,039	41.8 78.1	_	_
		,													
MALE	ALL AGES	9,903	100	3,134	31.6	6,753	68.2	_	_	4,797	48.4	5,103	51.5	émb	-
	15 - 24	1,989	100	1,104	55.5	885	44.5			1,466	73.7	523	26.3		
	25 - 44	4,279	100	1,476	34.5	2,797	65.4	-	-	2,453	57.3	1,826	42.7		
	45+	3,635	100	554	15.3	3,070	84.5	- "	-	877	24.1	2,755	75.8	_	-
FEMALE	ALL AGES	10,345	100	3,253	31.4	7,080	68.4	-	-	4,783	46.2	5,555	53.7		-
	15 – 24	1,924	100	1.157	60.1	765	39.8	_	_	1.419	73.8	505	26.2		
	25 – 44	4,322	100	1,605	37.1	2,712	62.8	_	-	2,552	59.0	1,766	40.9	_	
	45+	4,099	100	491	12.0	3,602	87.9	_	_	812	19.8	3,285	80.1	_	

TABLE 7B: POPULATION 15 YEARS OF AGE AND OVER WHO CAN USE A COMPUTER BY TYPES
OF USE IN THE PAST 12 MONTHS BY SEX AND AGE GROUP, CANADA, 1989

SEX AND AGE GROUP		TOTAL POPULATION WITH COMPUTER ABILITY	PLAYED GAMES					ECORD			WRITTEN COMPUTER PROGRAMS		OTHER USES			
		No. 000's	No. 000's	%	No. 000's	%	No. 000's	96	No.	%	No. 000's	%	No. 000's	%	No. 000's	96
BOTH SEXES	ALL AGES	9,580	7,021	73.3	6,013	62.8	6,052	63.2	4,564	47.6	3,109	32.5	2,445	25.5	607	6.3
	15 - 24	2,885	2,466	85.5	1,990	69.0	1.747	60.6	1,195	41.4	740	25.7	1,100	38.1	137	4.7
	25 - 44	5,005	3,596	71.8	3,078	61.5	3,263	65.2	2,536	50.7	1,841	36.8	1,098	21.9	344	6.9
	45+	1,690	959	56.7	945	55.9	1,041	61.6	833	49.3	527	31.2	247	14.6	126	7.5
MALE	ALL AGES	4,797	3,775	78.7	2,947	61.4	2,995	62.4	2,315	48.3	1,824	38.0	1,501	31.3	380	7.9
	15 – 24	1,466	1,331	90.8	982	67.0	857	58.5	562	38.4	383	26.1	597	40.7	82	5.6
	25 - 44	2,453	1,922	78.4	1,474	60.1	1,576	64.2	1,263	51.5	1,074	43.8	704	28.7	198	8.1
	45 +	877	522	59.5	491	56.0	562	64.0	490	55.8	367	41.8	200	22.7	100	11.4
FEMALE	ALL AGES	4,783	3,246	67.9	3,066	64.1	3,056	63.9	2,249	47.0	1,284	26.9	944	19.7	227	4.7
	15 - 24	1,419	1,135	80.0	1,008	71.0	890	62.7	633	44.6	357	25.2	502	35.4	55	3.8
	25 - 44	2,552	1,674	65.6	1,604	62.9	1,687	66.1	1,273	49.9	767	30.1	394	15.4	146	5.7
	45+	812	437	53.8	454	55.9	479	59.0	343	42.3	160	19.7	47	5.8	_	-

TABLE 8: EMPLOYED POPULATION 15 YEARS OF AGE AND OVER BY THEIR RETIREMENT PLANS BY SEX AND AGE GROUP, CANADA, 1989

SEX AND			TOTAL	BEFO	RE AGE			AFT	ER AGE		DON"T				
AGE GROUP		POPULATION		65		AT AGE 65		65		RETIRE		DON'T KNOW		NOT 8	STATED
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
		000's		000's		8,000		000'в		8,000		000's		8,000	
BOTH SEXES	ALL AGES	12,675	100	5,467	43.1	1,719	13.6	141	1.1	896	7.1	4,309	34.0	143	1.1
	15 - 24	2,242	100	763	34.0	348	15.5	_	_	92	4.1	988	44.0	_	_
	25 - 44	6,943	100	3,374	48.6	753	10.8	45	0.6	385	5.5	2,323	33.5	62	0.9
	45 - 54	2,089	100	898	43.0	276	13.2	-	-	193	9.3	655	31.3	-	_
	55+	1,400	100	431	30.8	342	24.5	41	3.0	226	16.1	343	24.5	_	tota
MALE	ALL AGES	7,065	100	3,420	48.4	936	13.3	92	1.3	535	7.6	2,000	28.3	81	1.1
	15 - 24	1,151	100	473	41.1	141	12.3	-	_	50	4.3	460	40.0	-	_
	25 - 44	3,862	100	2,136	55.3	386	10.0	36	0.9	218	5.6	1,056	27.3	-	-
	45 - 54	1,183	100	559	47.2	174	14.7	-	-	125	10.5	285	24.1	-	-
	55 +	869	100	252	29.0	235	27.1	-	-	143	16.4	199	22.9	-	-
FEMALE	ALL AGES	5,610	100	2,047	36.5	783	14.0	49	0.9	361	6.4	2,309	41.2	62	1.1
	15 - 24	1,091	100	290	26.6	206	18.9		_		-	528	48.4	-	-
	25 - 44	3,081	100	1,238	40.2	368	11.9	-	_	167	5.4	1,267	41.1	32	1.1
	45 - 54	906	100	339	37.4	102	11.2	-	-	69	7.6	369	40.8	-	-
	55 +	532	100	179	33.7	107	20.1	-	_	83	15.7	145	27.2	-	-

TABLE 9: POPULATION 15 YEARS OF AGE AND OVER BY THEIR VIEWS ON MANDATORY RETIREMENT AGE BY SEX AND AGE GROUP, CANADA, 1989

IS MANDATORY RETIREMENT A GOOD IDEA?

SEX AND AGE GROUP		POPULATION POPULATION		A GOOD IDEA		NOT	A GOOD IDEA	NOT S	STATED	
		No. 000's	%	No. 000's	%	No. 000's	%	No. 000's	%	
		000 8		000 8		000 8		000 8		
BOTH SEXES	ALL AGES	20,248	100	7,188	35.5	12,582	62.1	478	2.4	
	15 – 24	3,913	100	1,312	33.5	2,517	64.3	83	2.1	
	25 - 44	8,601	100	2,957	34.4	5,502	64.0	142	1.7	
	45 - 64	5,018	100	1,884	37.5	3,000	59.8	135	2.7	
	65 +	2,716	100	1,035	38.1	1,563	57.6	117	4.3	
MALE	ALL AGES	9,903	100	3,702	37.4	5,965	60.2	235	2.4	
	15 – 24	1,989	100	663	33.4	1,275	64.1	50	2.5	
	25 - 44	4,279	100	1,602	37.4	2,606	60.9	71	1.7	
	45 - 64	2,478	100	955	38.5	1,456	58.8	67	2.7	
	65 +	1,157	100	482	41.7	628	54.3	47	4.0	
FEMALE	ALL AGES	10,345	100	3,486	33.7	6,616	64.0	243	2.3	
	15 - 24	1,924	100	649	33.7	1,242	64.6	_	_	
	25 - 44	4,322	100	1,355	31.3	2,896	67.0	71	1.7	
	45 - 64	2,540	100	929	36.6	1,544	60.8	68	2.7	
	65 +	1,559	100	553	35.5	935	60.0	71	4.5	



CYCLE FOUR QUESTIONNAIRE PACKAGE

This package briefly describes the content, methodology and sample of the fourth cycle of the General Social Survey (GSS). Copies of the various questionnaire forms used in Cycle 4 are attached as appendices: the GSS Selection Control Form 4-1 as Appendix A; and the GSS 4-2 main questionnaire form 'Education and Work Questionnaire' as Appendix B.

Content and Questionnaire

The fourth cycle of the General Social Survey was conducted during the last week of January and the month of February of 1989. The survey collected information on a person's educational attainment and future intentions; employment experience; and their awareness of science and technology. Two questionnaires were used to conduct the interviews:

QUESTIONNAIRE	AGE GROUP	TITLE
GSS 4-1	All age groups	Selection Control Form
GSS 4-2	Age 15 and over	Education and Work Questionnaire

The GSS 4-1 was completed for each telephone number selected in the sample. It lists all household members and collects basic demographic information, specifically, age, sex, marital status and relation to the head of the family. A respondent, 15 years of age or older, was then randomly selected and a GSS 4-2 was completed for this person. The content of the main sample questionnaire is listed below:

Section of GSS 4-2 Content

A.	Education attainment
В.	Current educational program
C.	Activities after completion of education
D.	Activities before starting education
E.	Future education plans
F.	Awareness of science and technology
G.	1988 employment experience
H.	1984 and current employment experience

Section of GSS 4-2 Content

K.	Employment experience of respondents who are retired
L.	Employment experience of respondents not currently in the labour force
M.	Respondent's involvement in organizations
N.	Well-being
P.	Respondent's background information

Sample

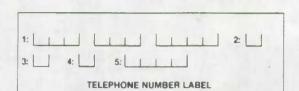
The sample for cycle 4 consisted of persons 15 years of age or older from across the ten provinces. The sample was created through random digit dialing (RDD).

Each computer generated telephone number in the sample was called. An interviewer completed a Selection Control Form (GSS 4-1), shown in Appendix A. When they contacted a private household, they enumerated all the members of the household on the GSS 4-1 and then randomly selected and interviewed one member aged 15 years or older. Almost 10,000 individuals were interviewed in this way and completed the GSS 4-2 questionnaire. The response rate was approximately 80%.

APPENDIX A

GSS 4-1

Confidential when completed



General Social Survey Selection Control Form

							RECOR	D OF CALLS		
10	11 Da	1	12 Sta		-	inish	14 Result	15 Interviewer's Name	16	Comments
0.	Day	Month	Hour	Min	Hour	Min				
01	1									
02		1								
03		1								
04							1			
05										
06	1									
07					1			L		
08	1									
09				1_			1			
10				1		1				
11	_1.	1								
12						1				
13	1					1				
14										
15										
16										
17	1									
18						1				
19									14	
20										
21	1						1			
22										
23					,					
24										
25										
Tim 09 00) - 121 I - 168	00 Mo			y and Da		eek Fri Sat		rol umber of forms	19. Interviewer Number Senior Interviewer Only 20. Final Status
	- 191	_		-	-					
19:01	- 21	00								

		- 2	-					
	Helio, l' calling retirem	you for a survey on education, work and	34.		númt		telephone	number as a home
				No -		0 —	► Thank res	pondent and END
	s this Yes	to make sure that I've dialed the right number. (read number!? Dial again, if still wrong, END.	35.	How r	nany p umber	ersons live of as a home of	or stay at to onone num	his address and use ber?
	No			Less t	han 15	0		
,	While y	rmation we collect will be kept confidential, our participation is voluntary, it is essential if vey results are to be accurate.		15 or 1		0 -		appointment
	Private Private h Both hor Busines	me and business O Go to 36 me and business O Go to 36 me and business O Go to 36	36.	an int and a no us	erview ge of c ual pla names	s. Starting will each person ace of reside and ages in	th the olde living or st nce elsewi	d 44)
37.	INTERV	EWER: • Enler answers for items 45 through 48 fo Card for instructions and codes. • Then go to item 60.	r each	perso	n recor	rded in item 4	2. Refer to	Interviewer Reference
40.	41.	42.	43.	44.	45.	46.	47.	48.
						What is		What is 's relationship
Page	Line	Names of Household Members	Sel #	Age	Sex	marital status?	Family	to (Head of Family)?
ugo	1	Given name L						If 0' specify
		Given name						If '0', specify
	2	Surname 1						
	3	Given name L						II '0'. specify
	4	Given name L						11'0'. specify
	5	Given name L						If '0', specify
	6	Given name	1_					If '0', specify
	7	Given name L						If '0', specify
	8	Given name						If '0', specify
	0	Surname						
61.		IEWER: Enter Page-Line no. of person giving the aboree any persons away from this household attending?				g, travelling o	or in the ho	spital who USUALLY
		Enter names and complete	tems	44 thro	ugh 48			
62.	Yes	Enter names and complete					?	
63. IA	ITERVIE	WER: In item 43 number the persons 15 years of age and over in order from oldest to youngest. Enter number of eligible				Film		
64. IN	ITERVIE	household members WER: Determine the selected person by referring to the Selection Grid. In Item 43 circle the selected person number and enter Page-1 in a no.				SELECTION	N GRID LAE	BEL
	The pername) Yes	rson I am to interview is (read (Is he/she there?) Go to form GSS 4-2			-	ble household	members	

Statistics Canada Statistique Canada	Interviewer's Name
1: Telephone Number	
5: Label Identification Number	APPENDIX B
Page - Line Number	
1 Туре	GSS 4-2
	Confidential when completed
GENERAL SOCIAL SURVEY	
GENERAL SOCIAL SURVEY EDUCATION AND WORK	
EDUCATION AND WORK QUESTIONNAIRE	
EDUCATION AND WORK	
EDUCATION AND WORK QUESTIONNAIRE	

			- 4	-	to the temporal bayond				
	CTION A: Education			A8	Have you had any further schooling beyond elementary/high school?				
A1.	INTERVIEWER:	Repeat the introduction selected respondent is of	different from		Yes				
		household respondent.			No 2 O				
		Hello, I'm fro Canada. I'm calling survey on education retirement.	you for a	A9.	Are you presently working towards elementary or high school graduation? Yes Go to 85				
				140	No 4 O GO 10 C1				
		All the information w kept confidential. It participation is volu essential if the survey to be accurate.	While your intary, it is		Have you ever taken any university, college or CEGEP level course in biology, chemistry or physics? Yes 5 No 6				
A2.	Now I'd like to education.	ask you some questions	s about your	A11.	What is the highest level of education that you have attained? (Mark one only)				
A3.	How many yes	ars of elementary and you successfully comp	high school leted?		Masters or earned doctorate 1 O - Go to A15				
		010			Bachelor or undergraduate degree, or teacher's college 2 ○ → Go to A15				
		s 02O	30 10 A8						
	Six				Diploma or certificate from community college, CEGEP or nursing school				
	Eight		Go to A8		Diploma or certificate from trade, technical or vocational				
	Nine				school, or business college 4 Go to A15				
	Ten		30 10 M7		Some university 5 O				
	Eleven								
	Twelve				Some community college. CEGEP or nursing school 60				
A4.		uated from high school	?		Some trade, technical or				
	Yes	1 O Go to A7			vocational school, or business college				
A5.		, did you take a course i	in		Other 8 🔘				
		Yes	No		Other				
	a) Mathematic	cs? 2 O	3 🔾		(Specify)				
	b) Chemistry?	40	50						
	c) Geography	? 60	70						
		80	90						
A6	Have you ha elementary/hig	d any further school h school?	ing beyond		2. When you took courses at university/college/trac				
		1 O Go to A10			school, were you working towards a degre diploma or certificate?				
	No	2 O Go to C1			Yes 1 O				
A7	In high school	, did you take a course	in		No 2 ○ — Go to A14				
		Yes	No						
	a) Mathematic	cs? 2 O	3 🔾	A13	3. Are you still working towards your degree, diplon or certificate?				
	b) Chemistry	40	50		Yes 3 O Go to 81				
	c) Geography	? 60	70		No 4 O				
	d) Physics?	80	90		140				

A14.	What is the highest degree, diploma or certificate	SECTION B: Current Education	
	that you have completed? (Mark one only)	B1.	I now have a few questions to ask you about the educational program you are currently working on.
	Masters or earned doctorate 1 O	B2.	What degree, diploma or certificate are you working towards?
	Bachelor or undergraduate degree, or teacher's college.		(Mark one only) Masters or earned doctorate 1
	Diploma or certificate from community college, CEGEP or nursing school 30		Bachelor or undergraduate degree, or teacher's college 20
	Diploma or certificate from trade, technical or vocational school, or business college 4 (Diploma or certificate from community college, CEGEP or nursing school
	High school diploma 5 ○ —Go to A17		Diploma or certificate from trade, technical or vocational school, or business college 4 O
	Less than high school diploma		Elementary High school diploma
	Other 7 O		Other 6 O
	(Specify)	((Specify)
		l	
A15.	What was the major field of study or specialization for your degree, diploma or certificate?	B3.	What is the major field of study or specialization for that degree/diploma/certificate?
A16.	What was your MAIN reason for choosing this field of study? Was it to prepare for first career, to change or improve career, to improve earnings, because of interest in subject, or for some other reason?	B4	What was your MAIN reason for choosing this field of study? Was it to prepare for first career, to change or improve career, to improve earnings, because of interest in subject, or for some other reason?
	(Mark one only)		(Mark one only)
	To prepare for first career		To prepare for first career 1 〇
	To change careers		To change careers 2 O
	To improve career 3 O		To improve career
	To improve earnings		To improve earnings 4 O
	Because of interest in subject 5 O		Because of interest in subject
	For some other reason 6 O		For some other reason 6 0
	(Specify)		(Specify)
A17.	Are you now working towards a different degree, diploma or certificate?	B5.	In the last 12 months did you take any courses for this program?
	Yes 7 O		Yes 7 O
	No 8 O Go to C1		No 8 O Go to 87

D1.	CTION D: Before Education	D7.	Before starting your program. In what year did you
	For the next few questions, think back to the time when you started the studies for your degree/diploma/certificate.		last work at a full-time job that lasted six months or more?
			19
D2.	In what year did you start your studies for this degree/diploma/certificate?		Still working at it 99 ——Go to E1
	19	D8.	For whom did you work at that job?
D3.	At that time were you less than 15 years old?		(Name of business, government department or agency, or person)
	Yes 1 ○ Go to E1		
	No 2 O		
D4.	During the 12 months before you started these studies, what best describes your MAIN activity? Were you mainly		
	(Mark one only)		
		D9.	INTERVIEWER: Go to D11.
	Working at a job or business? → Go to D10		
	Looking for work? 4 〇	D10	. For whom did you work the longest time during
	A student? 5 🔾		those 12 months? (Name of business, government department or agency,
	Keeping house? 6 〇		or person)
	Retired? 7 O		
	Other 8 O		
	(Specify)		
		D11	. What kind of business, industry or service was this?
			(Give full description: e.g. paper box manufacturing, retail shoe store, municipal board of education)
D5.	Before starting the program, had you ever held a full-time job for 6 months or more?		
	(Exclude summer jobs)		
	Yes 1 O		1111111111111
	No 2 ○ Go to E1		
D6.	How many months or years of total full-time work		. What kind of work were you doing?
	experience did you have before you started your program?		(Give a full description: e.g. accounts clerk, dairy farmer, primary school teacher)
	6 months to less than 1 year		farmer, primary school (eacher)
	t to less than 3 years		
	- 0		
	3 to less than 5 years 5 0 5 to less than 7 years 6 0		

SEC	TION E: Future Education	E5.	What would be your major field of study o specialization?
E1.	In the next five years, do you plan to start an additional educational or training program?		
	(Include part-time and full-time)		
		R	
	Yes 1 O		
	No 2 O Go to E6	E6.	Now some general questions about certain
	Don't know 3 ○ — Go to E6		aspects of your education.
E2.	What is your MAIN reason for planning to do this? is it to prepare for first career, to change or improve career, to improve earnings, because of interest in subject, or for some other reason?	E7.	Have you ever completed an apprenticeshiprogram? Yes 1
	(Mark one only)		No 2 O
	To prepare for first career 4 O	E8.	Have you ever taken any courses on how to us computers?
	To change careers		Yes 3 O
	To improve career		No 4 O
	To improve earnings	E9.	Can you do anything on a computer, for example
	Because of interest in subject 80		play games, word processing or data entry?
	For some other reason		Yes 5 O
	101 35110 5110 1101		No 6 ○ → Go to E11
	(Specify)	Eto	in the last 12 months, have you done any of the following on a computer?
			(Any computer)
			Yes No
			a) Played games? 01 0 02 0
E3.	What degree, diploma or certificate do you eventually want to obtain?		b) Word processing? 03 0 04 0
	(Mark one only)		c) Data entry? 05 0 06 0
	Masters or earned doctorate ¹ ○ → Go to E5		d) Record keeping? 07 O 08 O
	Bachelor or undergraduate degree, or teacher's college 2 ○ → Go to E5		e) Data analysis? 09 O 10 O
	Diploma or certificate from community college. CEGEP		b Written computer programs? 11 0 12 0
	or nursing school 3 ○ → Go to E5		91 Anything else? 13 0 14 0
	Diploma or certificate from		
	trade, technical or vocational school, or business college 4 ○ → Go to E5		(Specify)
	Elementary High school		
	Not for degree, diploma, or certificate	E1	1. Do you have a personal computer at home? Yes 1
	Undersided or dea's know 7		No 20 Go to F1
	Undecided or don't know		
	Other	E13	2. Do you personally use that computer?
	(Specify)		Yes 3 O
			No 4 O Go to F1
		E1:	3. How many hours per week do you normally use
		-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
E4.	INTERVIEWER: Go to E6		hours

	CTION F: Science and Technology						
F1	There are lots of topics in the news like you to tell me if you are very into	. I am going erested, mod	to read you erately intere	sted, or not at all	interested.		would
			Very interested	Moderately interested	Not at all interested	No	on
	a) Current affairs, including national local events		010	02 🔾	03 🔾	04 (0
	b) Economic conditions and busine	ss issues	05 🔾	06 🔿	07 🔾	08 (0
	c) New inventions and technologies		09 🔾	10 🔾	11 0	12 (0
	d) Recent scientific discoveries		13 🔾	14 ()	15 🔘	16 (0
F2.	I would like you to tell me how we moderately informed, or poorly informed.			ut these topics.	Are you very	well info	rmed
			Very well informed	Moderately informed	Poorly informed	No opinio	on
	a) Current affairs, including national local events		17 ()	18 🔾	19 🔾	20 (0
	b) Economic conditions and busine	ss issues .	21 ()	22 🔾	23 🔾	24 (0
	c) New inventions and technologies		25 🔘	26 🔾	27 🔾	28 (0
	d) Recent scientific discoveries		29 🔿	30 🔘	31 🔾	32 (0
F3.	How often do you pay attention to p	rograms abo	ut science ar	nd technology			+
			Regularly	Occa	sionally	Neve	r
	a) On television		10	2 (_	3 (0
	b) On radio		40	5	0	6	0
F4	Many affice do way good a risks about		d to she store	1-			
F4.	How often do you read articles abou	it science and			a an alle	Neve	
	n. Nawaanara		Regularly	2 (sionally	3	
	a) Newspapers b) Magazines			5 (6	_
	o) magazines						
F5.	Please tell me if you agree or disagre	ee with the fo	ollowing state	ments.			
				ls	that somewha	t or strong	gly?
				Sor	mewhat	Stron	igly
	a) Science and technology are making our lives better	Agree	01 () —	02	0	03	0
	making our lives better	Disagree	04 0 -	- 05		06	0
		No opinion	07 🔾				
	b) Science and technology will						0
	make work more interesting	Agree		09		10	
		Disagree .	0	12	0	13	0
		No opinion	14 🔾				
	c) On balance, computers and						
	automation will create more jobs than they will eliminate	Agree	15 0 —	16	0	17	0
		Disagree	180 —	19	0	20	0
		No opinion	21 ()				
	d) Science makes our life change		22.0		0		0
	too fast	Agree	22 0	23		24 27	
		Disagree	25 🔾 —	26	0	21	
		No opinion	28 🔾				

, 0.	I'm going to read you a list of things governmen government is spending too little, about the right			one, can me n	you think to
		Too little	About the right amount	Too	No opinion
	a) Health care	010	02 🔾	03 🔾	04 🔾
	b) Heiping older people	05 🔾	06 🔾	07 🔾	08 🔾
	c) Education		10 🔾	110	12 🔾
	d) Helping the unemployed	130	14 ()	15 🔾	16 🔾
	e) Scientific research	170	18 🔾	19 🔾	20 🔾
	f) Helping people on low incomes	210	22 🔾	23 🔾	24 🔾
	g) Reducing pollution	250	26 🔾	27 🔾	28 🔾
SEC	TION G: Work Screen	G6.	During last week, who		bes your MA
	Now some questions about your activities.		activity? Were you ma (Mark one only)	inly	
G2.		IN	A student?	50_	Go to L7
	activity? Were you mainly (Mark one only)		Keeping house?	60_	Go to L4
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Retired?	_	Go to G8
	Working at a job or business?		Other		
			Other	1	
				(Spec	ify)
	Keeping house? 4 O				
	Retired? 5 O				
	Other	G7.	INTERVIEWER: Go to L	7	
	(Specify)	G8.	Have you ever worked	at a job or bu	isiness?
			Yes 1 O	→ Go to K1	
			100	Go to K3	
G3.	Did you have a job or were you self-employed any time during 1988?	at G9.	For how many weeks work at a job or busing	during 1988 o	fid you do a
			(Include vacation, illn	ess. strikes.	lock-outs a
	Yes 7 ○ —— Go to G9		maternity leave)		
	No 8 O		weeks		
G4.	Did you do any work at a job or business la week?	st G10.	During those weeks. time or part-time?	was the wor	rk mostly fu
	Yes 1 O Go to H1		Full-time	3 🔾	
	No 2 O		Part-time	4 0	
G5.	Did you look for a job in the last four weeks?		Both equally	5 0	
	Yes 3 ○ — Go to L1				
		G11.	During those weeks w	ere you mainly	y
	No 4 O		An employee working	for	
			someone else?	6 O_	→ Go 10 G14
			Self-employed?	7 0	
		G12.	During those weeks employees?	, did you h.	ave any pa
			Yes 8 O		
			No 9 O	Go to Gi	14

	/
G13. About how many employees did you have?	G21. Was this your main job last week?
(If range given, enter maximum)	Yas 7 O
	200
employees	No 8 ○ — Go to H2
G14. For whom did you work the longest time during 1988?	G22. How many hours per week do you usually work at your:
(Name of business, government department or agency, or person)	(main) job
or persony	other jobs
	G23. INTERVIEWER: Is total in G22 30 or more hours?
	Yes 3 O Go to H11
	No 4 O
G15. What kind of business, industry or service was this?	G24. Why do you usually work less than 30 hours per week?
(Give full description: e.g. paper box manufacturing, retail shoe store, municipal board of education)	(Mark all that apply)
retail snoe store, municipal board of education	Own illness or disability
	Personal or family responsibilities
	Going to school
	Could only find part-time work 4 O
	Did not want full-time work
G16. What kind of work were you doing?	Full-time work under 30 hours per week 6 0
(Give full description: e.g. accounts clerk, dairy farmer, primary school teacher)	
primary school (eacher)	
	(Specify)
G17 Dld you work for the same employer last week?	G25. INTERVIEWER: Go to H11
Yes 1 O	G26 Did you do any work at a job or business last
No 2 ○ — Go to G26	week?
	Yes 8 ○ — Go to H1
G18. Did you do the same kind of work last week?	No 9 O
Yes 3 ○ — Go to G20	G27 Last week, did you have a job to which you expected to return?
No 4 O	Yes 1 ○ ——→ Go to G32
G19. What kind of work were you doing last week?	
(Give full description: e.g. accounts clerk, dairy farmer,	No 2 O
primary school teacher)	G28. Did you look for a job in the last four weeks?
	Yes 3 O Go to L1
	No 4 O
	G29. Was this because you believed no jobs were available?
	Yes 5 O ——— Go to L2
G20. Was this the only job at which you worked last week?	
Yes 5 ○ — Go to G22	
No 6 O	
110	

0. During last week, what best describes your MAIN	SECTION H: Employed
activity? Were you mainly (Mark one only)	H1. Did you have more than one job last week?
(Walk One Only)	
A student? 1 ○ → Go to L7	Yes 1 O
Keeping house? 2 ○ → Go to L4	140
Retired? 3 ○ → Go to K1	H2. How many hours per week do you usually work at your:
Other 4 O	(main) job?
	other jobs?
(Specify)	H3. INTERVIEWER: Is total in H2 30 or more hours?
	Yes 5 ○ — Go to H5
	No 6 O
1. INTERVIEWER: Go to L7	H4. Why do you usually work less than 30 hours per week?
2. Why did you not work at this job last week?	(Mark all that apply)
(Mark one only)	Own illness or disability
	Personal or family responsibilities 2 O
Own illness or disability	Going to school
TOOLING TO THE TOTAL THE TOTAL TO THE TOTAL THE TOTAL TO	Could only find part-time work
Maternity leave 03 Go to G34	Dig not want full-time work
Personal or family responsibilities 04 Go to G34	Full-time work under 30 hours per week 6
Layoff, expects	Other
to return (paid workers	(Specify)
only) 05	
Labour dispute (strike or lockout) . 06 ○ → Go to G34	
Bad weather 07 ○ — Go to G34	
Seasonal business	H5. Are you mainly
(exclude paid workers)	(main job)
New job to start	An employee working for
in future 09 O	someone else?
Other 10 〇	Self-employed? 9 O
	H6. Last week, did you have any paid employees?
(Specify)	Yes 1 O
	No 2 ○ Go to H8
	H7. About how many employees did you have?
3. INTERVIEWER: Go to L7	(If range given, enter maximum)
4. How long ago did you last work at this job?	employees
	H8. Who was your employer last week? (main job)
weeks	(Name of business, government department of agency, or person)
5. In how many weeks do you expect to return to this job?	Same employer as in 1988 (Same as in G14) 3 O — Go to H10
weeks	11111111111111111
Don't know 980	
DOTERNO	
The next section asks about your job, that is the job to which you expect to return.	

H9.	What kind of business, industry or service was this?	H18.	In total, about how many people work in your business/company at all its locations?
	(Give full description: e.g. paper box manufacturing,		
	retail shoe store, municipal board of education)		Less than 20 1 0
			Between 20 and 99
			Between 100 and 499 3 O
			More than 500 people 4 O
		H19.	INTERVIEWER: Go to H29
		H20.	Would you prefer to have a permanent job?
H10	What hind of work was you doing?		Yes
по	What kind of work were you doing?		NO
	(Give a full description: e.g. accounts clerk, dairy farmer, primary school teacher)	H21.	Do you directly supervise any people?
	Same duties as in 1988		Yes 7 O
	(Same as in G16) 4 O		No
		H22.	Last week, how many people did you directly supervise?
		00	people
		H23.	How much of your working time do you spend supervising others? Would you say
H11	Are you satisfied or dissatisfied with your (main)		less than a quarter?
	job?		between a quarter and a half? 2 O
	or very?		more than a half? 3 O
	Somewhat Very	H24	In total, about how many people work in your
	Satisfied 1 O 2 O 3 O	1124.	business/company at all its locations?
	Dissatisfied 4 ○ → 5 ○ 6 ○		
	No opinion 7 O		Less than 20
H12.	in what year did you start working for this		Between 20 and 99 5 0
	business/company?		Between 100 and 499 6 0 More than 500 people 7 0
	19 []	1100	More than 500 people
		n25.	Which of the following best describes the work you do? Is it managerial, supervisory or neither?
H13.	How many months in the year do you normally work at your (main) job?		
	(Include vacation, illness, strikes, lock-outs and		Managerial 1 O
	maternity leave)		Supervisory 2 ○ → Go to H29
	1 1	177	Neither
	months	LINE	Would you say that you are in a top, upper, middle
H14.	Is your (main) job permanent? That is, a job without a specific end date.	1120.	or lower management position?
			Top 4 O
	Yes 1 ○ — Go to H21		Upper 5 O
	No 2 O Go to H20		
	Self-		Middle 6 🔾
	employed 3 O		Lower 7 O
H15.	Do you directly supervise any people?	H27.	Do you take part in planning the future business activities of
	Yes 4 O		the entire business/
			company? 1 O
	No 5 ○ → Go to H18		only a part of it? 2 O
H16.	Last week, how many people did you directly supervise?		
			not involved in planning 3 O Go to H29
	people		
H17.	How much of your working time do you spend supervising others? Would you say	H28.	How much of your working time do you spend on planning future business activities of your
	less than a quarter? 6 O		company? is it
	- C		less than a quarter? 4 O
	Detween a quarter and a nam:		between a quarter and a half? 5 O
	more than a half? 8 O		60

H29		I like to ask for your opinions atements?	about your cur	rent je	b. Do you agree or disagree	with the follo	owing
					is that somewhat	or strongly?	
					Somewhat	Stron	gły
	a)	The physical surroundings at				00	^
		your work are pleasant			02 0	03	
			No opinion .		05 🔾	00	0
			No opinion .	0, 0			
	b)	There is a lot of freedom to decide how to do your work	Agree	08 🔾	- 09 (10	0
			Disagree	11 0	12 🔾	13	0
			No opinion .	14 ()			
	c)	You do the same things over		15.0	16.0	17	
		and over			16 ()	20	_
			No opinion	21 0			
	-41	We wish was love a black to at	140 Opinion				
	a)	Your job requires a high level of skill	Agree		23 🔾	24	0
			Disagree	25 🔾	→ 26 ○	27	0
			No opinion	28 🔾			
	e)	The pay is good	. Agree		→ 30 ○	31	0
			Disagree	32 ()	33 🔾	34	0
			No opinion .	35 🔾			
	f)	Your chances for promotion or		20 0	37 🔾	38	0
		career development are good	Agree		40 0	41	_
			No opinion .	42 ()			
			No Don't know		automated technology? Would		
	a)	a pension plan?	20 30		3.020,	0	
	b)	medical insurance? 40	60		Joine Wilder	GO to H	39
	C)	a dental plan? 70	90			Go to H	
	ma	es your business/company ternity leave?	provide paid	H36.	In the last five years, has the to perform your work increstayed the same as a result	ased, decrease of the introduct	ed. 1
		10			computers or automated tech	nology :	
		20			IIICIOASCO	0	
	Dor	n't know 3 O			060166366	20	
	rec bus	the last five years, how many ceived a promotion from siness/company? nce started if less than five years a	your current		In the last five years, ha increased, decreased, or staresult of the introduction	s the job se lived the same	as
		Laramations			automated technology?		
		promotions			ilicieaseu	0	
	Do per job	you use computers such sonal computers or word pro	as mainframes, ocessors in your		Decreed	50	
		4 ○ Go to to	H35	H38.	Over the last five years, has more interesting, less interesame as a result of the intro	sting, or staye	ed th
	-	w many hours per week do y			or automated technology?		
	this	equipment?			More interesting	70	
	(Inc	lude work done at home for job)			Less interesting	30	
					Less interesting	0	

H39.	How closely is your job related to your education? Is it	H44. Now I will ask you some questions about your work activities during the last five years, that is, since January 1984.
	somewhat related? 20	
	not related at all? 3 O	H45. During 1984, what best describes your MAIN activity? Were you mainly
H40.	What level of education is normally required for people who do your type of work?	(Mark one only)
	(Level before apprenticeship if applicable)	Working at a job or business?
		Looking for work? 2 O
	Masters or earned doctorate 01 🔾	A student? 3 O
	Bachelor or undergraduate degree, or teacher's college	Keeping house? 40
	Diploma or certificate from community college, CEGEP	Retired? 5 O
	or nursing school 03 O	Other 6 O
	Diploma or certificate from trade, technical or vocational school.	(Specify)
	or business college 04 🔾	
	Some post-secondary 05 C	
	High school diploma	
	No qualifications specified	H46. Did you have a job or were you self-employed at any time during 1984?
	Other 09 O	Yes 7 O
	(Specify)	No 8 O —— Go to H51
	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	H47. For whom did you work the longest time during
		(Name of business, government department or agency.
	Don't know	or person) Same employer as in 1988
HAI	Considering your experience, education and	(Same as in G14) 1 ○ → Go to H49
,,,,,,	training, do you feel that you are overqualified for your job?	
	Yes 1 O	
1140		
H42.	Do you think it is likely you will lose your job or be laid off in the next year?	H48. What kind of business, industry or service was
	Yes 3 O	this?
	No 4 ○ ——→ Go to H44	(Give full description: e.g. paper box manufacturing retail shoe store, municipal board of education)
H43.	Do you think this will be because of the introduction of computers or automated technology?	
	Yes 5 O	
	No 6 O	
	Don't know 7 O	H49. What kind of work were you doing in 1984?
		(Give a full description: e.g. accounts clerk, dairy farmer, primary school teacher)
		Same duties as in 1988 (Same as in G16) 2 ○

somewhat related? 40 or	that somewhat very? mewhat Very 3 6
somewhat related? 4 0 not related at all? 5 0 H51 Did you lose a job between January 1984 and December 1988 for any reason? Yes 6 No 7 O Go to H53 H52. Why did this happen? (Mark all that apply) An employer going out of business 1 No applications and the introduction of new technology 3 No applications are represented by the introduction of staff 4 No applications are represented by the introduction of staff 4 No applications are represented by the introduction of new technology 3 No applications are represented by the introduction of new technology 3 No applications are represented by the introduction of new technology 3 No applications are represented by the introduction of new technology 3 No applications are represented by the introduction of staff 4 No applications are represented by the introduction of staff 4 No applications are represented by the introduction of new technology 3 No applications are represented by the introduction of staff 4 No applications are represented by the introduction of staff 4 No applications are represented by the introduction of new technology 3 No applications are represented by the introduction of new technology 3 No applications are represented by the introduction of new technology 3 No applications are represented by the introduction of new technology 3 No applications are represented by the introduction of new technology 3 No applications are represented by the introduction of new technology 4 No applications are represented by the introduction of new technology 4 No applications are represented by the introduction of new technology 5 No applications are represented by the introduction of new technology 5 No applications are represented by the introduction of new technology 5 No applications are represented by the introduction of new technology 5 No applications are represented by the introduction of new technology 5 No applications are represented by the introduction of new technology 5 No applications are represented by the introduction of new technology 5 No appl	mewhat Very 3 0 6 0
not related at all? 5 So H51 Did you lose a job between January 1984 and December 1988 for any reason? Yes 6 No 7 So to H53 H52. Why did this happen? (Mark all that apply) An employer going out of business 1 No application of new technology 3 No application of new technology 3 No application of new technology 3 No application of staff Same as in G14) Same as in G14) No application of staff Same as in G14)	newhat Very 3 0 6 0
H51. Did you lose a job between January 1984 and December 1988 for any reason? Yes 6 No 7 H52. Why did this happen? (Mark all that apply) An employer going out of business 1 K2. In what year did you retire? A plant closing or moving 2 K3. For whom were you working wher (Name of business. government depor person) Reduction of staff 4 Same as in G14) 80	3 0 6 0 1 you retired?
December 1988 for any reason? Yes 6 No 7 O Go to H53 H52. Why did this happen? (Mark all that apply) An employer going out of business 1 No appeared business 2 No appeared business appeared business appeared business. Government deport person) Reduction of staff No appeared No appeared business appeared busi	you retired?
December 1988 for any reason? Yes 6 No 7 So to H53 H52. Why did this happen? (Mark all that apply) An employer going out of business 1 No paint closing or moving 2 No paint closing or moving 2 No paint closing or moving 3 No paint closing or moving 3 No paint closing or moving 4 No paint closing or moving 5 No paint closing or moving 5 No paint closing or moving 6 Normal closing or moving 7 Normal closing or moving 8 Normal closing or moving 9 Normal closing or moving 10 Normal closing or person) Reduction of staff 10 No opinion 7 No opinio	n you retired? artment or agency,
No opinion 7 O K2. In what year did you retire? If you have you working wher (Name of business. government deport person) Reduction of new technology 3 O Reduction of staff 4 O Same employer as in 1988 (Same as in G14) 8 O	n you retired? artment or agency,
H52. Why did this happen? (Mark all that apply) An employer going out of business A plant closing or moving The introduction of new technology Reduction of staff K2. In what year did you retire? K3. For whom were you working wher (Name of business, government depor person) Same employer as in 1988 (Same as in G14) 80	artment or agency,
(Mark all that apply) An employer going out of business 1	artment or agency,
An employer going out of business 1 K3. For whom were you working wher A plant closing or moving 2 (Name of business, government depor person) The introduction of new technology 3 Reduction of staff 4 Same employer as in 1988 (Same as in G14) 8 Same	artment or agency,
An employer going out of business 1 A plant closing or moving 2 The introduction of new technology 3 Reduction of staff 4 Same employer as in 1988 (Same as in G14) 8 Same as in G14) 8 Reduction of staff 1988	artment or agency,
A plant closing or moving	artment or agency,
A plant closing or moving 2 (Name of business, government deport person) The introduction of new technology 3 (Name of business, government deport person) Reduction of staff 4 (Same as in G14) 8 (Same as in G14) 8 (Same as in G14)	artment or agency,
The introduction of new technology 3 Same employer as in 1988 (Same as in G14)	
Reduction of staff	→ Go to K5
(Same as in G14) 8 O	→ Go to K5
Seasonal job 5 O (Same as in G14)	
Shortage of work	
Other	
(Secolar Label Lab	
(Specify)	
K4. What kind of business, industry this?	or service was
(Give full description: e.g. paper to	oox manufacturing.
153 Between January 1984 and December 1988, how retail shoe store, municipal board of	education)
many different jobs did you have? By different jobs we mean different duties with the same	
employer, or different employers.	
jobs	11111
154. There were 60 months between January 1984 and	
December 1988. In how many of those months	?
were you working at a job or business?	
(Include vacation, illness, strikes, lock-outs and maternity leave) (Give a full description, e.g. acc farmer, primary school teacher)	
Same duties as in 1988	
60 months	
Todalia de la Casa	
months	
155. In how many of the remaining months did you look	11111
for work?	
None 00 O	
months	
K6. How closely was that job related	to your education
456. Now some questions about your retirement plans. at that time? Was it	
closely related? 10	
H57. At what age do you plan to retire?	
not related at all? 3 O	
K7. Did you retire because yo	u had reached
Don't know	
Don't intend to retire 22 O Yes 4 O — Go	10 K9
158. Do you think that mandatory retirement is a good No 5 ○	
idea? Yes 3 O At what age?	
No 4 O	
H59. INTERVIEWER: Go to M1	

_		
K8.	Did you retire	K14. What is the main reason that you now enjoy life less? Is it
	Yes No	(Mark one only)
	a) Because your employer offered an early	Your health? 6 O
	retirement incentive? 1 0 2 0	Decrease in income?
	b) Because new	Less contact with people?
	introduced? 3 O 4 O	Other 9 0
	moodeca.	
	c) Because your health required it?	(Specify)
	-0	
	d) Any other reason? 70	
	(Specify)	
		K15. Do you think mandatory retirement is a good idea?
		Yes 1 O — At what age?
		No 2 O
K9.		K16. Now I will ask you some questions about your work activities during the last five years, that is,
	from any of your former employers?	since January 1984.
	Yes 1 O No 2 O Go to K11	· · · · · · · · · · · · · · · · · · ·
	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	K17. Between January 1984 and December 1988, did you do any work at a job or business?
K10.	Are these benefits adjusted for changes in the cost of living?	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		Yes 3 O
	Yes 3 O	No 4 ○ — Go to K37
	No 4 O	K18. In 1988, how many days did you do any work for
	Don't know 5 O	pay? (Since retired if retired in 1988)
K11.	Compared to the year before you retired, do you	
	now enjoy life more, less or about the same?	None 000 🔾
	More 6 O	days
	Less 7 ○ → Go to K14	K19. During 1984, what best describes your MAIN
	About the same 80 Go to K15	activity? Were you mainly
		(Mark one only)
K12.	What is the main reason that you now enjoy life more? Is it	Working at a job
	(Mark one only)	or business? 1○ → Go to K25
	More leisure time?	Looking for work? 2 O
	more resource united	A student? 3 O
	More time with family?	Keeping house? 4 〇
	more time with family	
	More time for voluntary activities? 4 O	Retired? 5 O
	Other	Other 6 O
	(Specify)	(Specify)
		(Specify)
K13.	INTERVIEWER: Go to K15	K20. Did you have a job or were you self-employed at any time during 1984?
		Yes 7 O — Go to K25
		No 8 O
		K21. Did you work at any time between January 1984
		and December 1988?
		Yes Go to K28
		No 2 O

K22. Did you look for work in any month between	K30. Why did this happen?
January 1984 and December 1988?	(Mark all that apply)
Yes 3 O	An employer going out of business 3 O
No 4 ○	The state of the s
K23. There were 60 months between January 1984 and	The state of the s
December 1988. In how many of those months did you look for work?	· · · · · · · · · · · · · · · · · · ·
months	rigodelion of stati
THORITIS .	Geasonal job
K24. INTERVIEWER: Go to M1	Onortage of work
K25. For whom did you work the longest time during	Outer and a second seco
1984? (Name of business, government department or agency	(Specify)
or person)	
Same employer as retired from	
(Same as in K3) 5 ○ → Go to K27	
	K31. Between January 1984 and December 1988, how
	many different jobs did you have? By different jobs we mean different duties with the same employer, or different employers.
111111111111111	
	lobs
K26. What kind of business, industry or service was this?	1005
(Give full description: e.g. paper box manufacturing retail shoe store, municipal board of education)	K32. There were 60 months between January 1984 and December 1988. In how many of those months were you working at a job or business?
	(Include vacation, illness, strikes, lock-outs and maternity leave)
	60 months
	months
	K33. Did you look for work in any of the remaining months?
K27. What kind of work were you doing in 1984?	Vos. 1 O
(Give a full description: e.g. accounts clerk, dairy farmer, primary school teacher)	No 2 O Go to M1
Same duties as retired from	K34. In how many of those remaining months did you
(Same as in K5) 6 ○	look for work?
	months
	K35. INTERVIEWER: Go to M1
	K36. Do you think mandatory retirement is a good idea?
	Yes 3 ○ → At what age?
	No 4 O
K28. How closely was that job related to your education at that time? Was it	K37. During 1984, what best describes your MAIN activity? Were you mainly
closely related? 7 O	(Mark one only)
somewhat related? 8 O	Looking for work? 5 ○ → Go to K39
not related at all? 9 O	A student? 6 O
K29. Other than the job you retired from, did you lose a job between January 1984 and December 1988 for any reason?	
	Retired? 8 ○
Yes 1 ○ No 2 ○ ——— Go to K31	Other 9 O
150 · · · · · · · · · · · · · · · · · · ·	(Specify)
	(Specify)

		1	
K38	Did you look for work in any month between January 1984 and December 1988?	L7.	Now I will ask you some questions about your work activities during the last five years, that is, since January 1984.
	Yes 1 O		,,,,,,,, .
	No 2 ○ — Go to M1	10	During 1004 to have described your \$64181
K39	There were 60 months between January 1984 and December 1988. In how many of those months did you look for work?	L8.	During 1984, what best describes your MAIN activity? Were you mainly (Mark one only)
	months		Working at a job or business?
K40	. INTERVIEWER: Go to M1	1	Looking for work? 20
SEC	CTION L. Other persons	1	A student? 3 O
-	Were you mainly looking for a full-time or part-	-	Keeping house?
- 1.	time job?		Retired? 50
	Full-time		Other 6 O
	Part-time 2 O		(Specify)
	Either 3 O		111111111111
L2.	What are the chances that you will find a job in the next six months? Are they		
	Very good?		
	Good? 5 O		
	Not good?	L9.	Did you have a job or were you self-employed at any time during 1984?
	Not very good?		
	Has already found work 8 O		Yes 7 ○ — Go to L16
L3.	INTERVIEWER: Go to L7		No 8 🔾
L4.	Are you satisfied or dissatisfied to be keeping house as your main activity?	L10.	Did you work at any time between January 1984 and December 1988?
	Is that somewhat		Yes 1 O Go to L14
	or very? Somewhat Verv		No 2 O
	Satisfied 1 O -> 2 O 3 O	111	Did you look for work in any month between
	Dissatisfied 4 ○ → 5 ○ 6 ○		January 1984 and December 1988?
	No opinion 7 O		Yes 3 O
L5.	Would you like to have a paying job now?		No 4 ○ — Go to L27
	Yes 8 O	112	. There were 60 months between January 1984 and
	No 9 ○ — Go to L7		December 1988. In how many of those months did you look for work?
L6.	Do you not have a paying job		months
	Yes No N/A		HORAS
	a) Because jobs are unavailable	L13.	. INTERVIEWER: Go to L27
	or hard to find? 01 O 02 O	L14.	. What kind of work did you usually do?
	b) Because you lack skills or		(Give a full description: e.g. accounts clerk, dairy farmer, primary school teacher)
	qualifications? 03 0 040		termer, primary sorror reading,
	c) Because of your own illness		
	or disability? 05 O 06 O		
	d) Because you can't find suitable child		
	care?		
	e) Because you prefer		
	to stay home with children? 10 O 11 O 12 O	L15.	. INTERVIEWER: Go to L19
	f) Because your spouse	1.16	For whom did you work the longest time during
	wants you to stay home?	10.	1984?
	g) Because of personal		(Name of business, government department or agency, or person)
	or family responsibilities? 16 O 17 O 18 O		Same employer as in 1988
	h) Any other reasons? 19 O 20 O		(Same as in G14) 5 ○ — Go to L18
	(Specify)		

L13 What kind of business, industry or service was this? Give bill description: e.g. paper box manufacturing, retail shoe store. municipal board of education; L18 What kind of work were you doing in 1984? Give a hill description: e.g. accounts clerk. darry farmer, primary school reacher) Same duties as in 1988 (Same as in 1988 (Same as in 1988 (Same as in 1986 (Same as in		0 -
L18. What kind of work were you doing in 1984? (Give a full description: e.g. accounts clerk, dainy farmer, primary school reacher) Same duties as in 1988 (Same as in Gf6) 60 L19. How closely was that job related to your education at that time? Was it closely related? 70 somewhat related? 80 not related at ali? 90 L20. Considering your experience, education and training do you feel that you have been overqualified for most of your jobs? Yes 10 No 20 L21. Did you lose a job between January 1984 and December 1988 for any reason? Yes 30 No 40 Don't know 11 Don't intend to retire 22 No 40 A plant closing or moving 20 The introduction of new technology 30 Reduction of staff 40 Seasonal job 50 Shortage of work 60 Other 70 L24. There were 60 months between January 1984 and postering 1984 in how many of those months were you working at a job or L27 L25. Did you look for work in any of the remaining months? L27. Do you intend to work at a job in the future? Yes 30 No 40 Don't know 11 Don't intend to retire 22 Don't know 11 Don't intend to retire 22 No 40 No 40 A plant closing or moving 20 The introduction of new technology 30 Reduction of staff 40 Seasonal job 50 Shortage of work 60 Other 70 L19. There were 60 months between January 1984 and postering the formula to retire 1988 for any reason? Yes 30 No 40 L25. Did you look for work in any of the remaining months did you look for work? Yes 30 No 40 L27. Do you intend to work at a job in the future? Yes 30 No 40 L29. Do you think that mandatory retirement is a good idea? Yes 30 No 40 L29. Do you think that mandatory retirement is a good idea? Yes 30 At what age? Yes 30 At what age? Yes 30 At what age? Yes 30 Shortage of work 60 Cher 70 Shortage of work 60 Cher 70 Cher 7	this? (Give full description: e.g. paper box manufacturing,	many different jobs did you have? By different jobs we mean different duties with the same
L18. What kind of work were you doing in 1984? (Give a full description: e.g. accounts clerk, dainy farmer, primary school reacher) Same duties as in 1988 (Same as in G16) 6 ○ L19. How closely was that job related to your education at that time? Was it closely related? 8 ○ not related at all? 9 ○ L20. Considering your experience, education and traiting, do you feel that you have been overqualified for most of your jobs? Yes 1 ○ No 2 ○ L21. Did you lose a job between January 1984 and December 1988 for any reason? Yes 3 ○ No 4 ○ → Go to L23 L22. Why did this happen? (Mark all that apply) An employer going out of business 1 ○ A plant closing or moving 2 ○ Shortage of work 6 ○ Other 7 ○ Shortage of work 6 ○ Other 7 ○ Shortage of work 6 ○ December 1988 in how many of those months were you working at a job bot between January 1984 and One cember 1988 for any reason? Yes 3 ○ No 4 ○ → Go to L23 L22. Why did this happen? (Mark all that apply) An employer going out of business 1 ○ A plant closing or moving 2 ○ The introduction of new technology 3 ○ Reduction of staff 4 ○ Seasonal job 5 ○ Shortage of work 6 ○ Other 7 ○		jobs
L18. What kind of work were you doing in 1984? (Give a full description: e.g. accounts clerk, dairy farmer, primary school teacher) Same duties as in 1988 (Same as in G16) 60 L19. How closely was that job related to your education at that time? Was it closely related? 70 somewhat related? 80 not related at ali? 90 L20. Considering your experience, education and training, do you feel that you have been overqualified for most of your jobs? Yes 10 No 20 L21. Did you look for work in any of the remaining months did you look for work? Yes 30 No 40—60 to L27 L26. In how many of those remaining months did you look for work at a job in the future? Yes 30 No 40—60 to L29 L28. At what age do you plan to retire? L29. Do you think that mandatory retirement is a good idea? Yes 30 No 40—760 to L23 L29. Why did this happen? (Mark all that apply) An employer going out of business 10 A plant closing or moving 20 The introduction of new technology 30 Reduction of staff 40 Seasonal job 50 Shortage of work 60 Other 70 Check the first accounts clerk, dairy accounts clerk, dairy months L25. Did you look for work in any of the remaining months did you look for work in any of the remaining months did you look for work in any of the remaining months did you look for work in any of the remaining months did you look for work in any of the remaining months did you look for work in any of the remaining months did you look for work in any of the remaining months did you look for work in any of the remaining months did you look for work in any of these remaining months did you look for work in any of these remaining months did you look for work in any of these remaining months did you look for work in any of these remaining months did you look for work in any of these remaining months did you look for work in any of these seasons look for work in any of these		December 1988. In how many of those months
L18. What kind of work were you doing in 1984? (Give a full description: e.g. accounts clerk. dairy farmer. primary school (eacher) Same duties as in 1988 (Same as in Gf6) 60 L19. How closely was that job related to your education at that time? Was it closely related? 70 somewhat related at all? 90 L20. Considering your experience, education and training, do you feel that you have been overqualified for most of your jobs? Yes 10 No 20 L21. Did you look for work in any of the remaining months did you look for work? Who 20 → Go to L27 L26. In how many of those remaining months did you look for work? Who 40 → Go to L29 L27. Do you intend to work at a job in the future? Yes 30 No 40 → Go to L29 L28. At what age do you plan to retire? L38. At what age do you plan to retire? L39. Don't intend to retire 22 Don't intend to retire 22 No 40 No 40 → Go to L23 L29. Do you think that mandatory retirement is a good idea? Yes 30 No 40 → Go to L23 L29. Do you think that mandatory retirement is a good idea? Yes 30 No 40 → Go to L23 L29. Do you think that mandatory retirement is a good idea? Yes 30 No 40 → Go to L23 L29. Do you think that mandatory retirement is a good idea? Yes 30 No 40 → Go to L23 L29. Do you think that mandatory retirement is a good idea? Yes 30 → At what age? No 40 → Go to L23 No 40 → Go to L23 No 40 → Go to L24 L29. Do you think that mandatory retirement is a good idea? Yes 30 → At what age? No 40 → Go to L25 Seasonal job		
Same duties as in 1988 (Same as in G16) 6 Comments L19. How closely was that job related to your education at that time? Was it closely related? 7 Comments at that time? Was it closely related? 8 Comments at that time? Was it closely related? 8 Comments at that time? Was it closely related? 8 Comments at that time? Was it closely related? 8 Comments at that time? Was it closely related? 8 Comments at that time? Was it closely related? 8 Comments at the time? Was it closely related? 8 Comments at the time? Was it closely related? 8 Comments at the time? Was it closely related? 8 Comments at the time? Was it at what age do you plan to retire? L22. At what age do you plan to retire? L23. At what age do you plan to retire? L24. At what age do you plan to retire? L25. Did you look for work in any of the remaining months did you look for work? L26. In how many of those remaining months did you look for work? L26. In how many of those remaining months did you look for work? L26. In how many of those remaining months did you look for work? L26. In how many of those remaining months did you look for work? L27. Do you intend to work at a job in the future? Yes 3 Comments L28. At what age do you plan to retire? L28. At what age do you plan to retire? L29. Do you think that mandatory retirement is a good idea? Yes 3 Comments No 4 Comments At what age? No 4 Comments At what age? No 4 Comments At what age? No 4 Comments No	L18. What kind of work were you doing in 1984?	
Same duties as in 1988 (Same as in G16) 6 O	(Give a full description: e.g. accounts clerk, dairy farmer, primary school teacher)	60 months 88 ○ → Go to L27
Came as in Gf6		months
List How closely was that job related to your education at that time? Was it closely related?		L25. Did you look for work in any of the remaining
No	Coame as in Groy	months?
L26. In how many of those remaining months did you look for work?		No. 2 0 — Go to 127
Light How closely was that job related to your education at that time? Was it Closely related? 7 \cap somewhat related? 8 \cap not related at all? 9 \cap L20 Considering your experience, education and training, do you feel that you have been overqualified for most of your jobs? Yes 1 \cap No 2 \cap L21 Did you lose a job between January 1984 and December 1988 for any reason? Yes 3 \cap No 4 \cap At what age? L29 L21 Did you lose a job between January 1984 and December 1988 for any reason? Yes 3 \cap No 4 \cap At what age? L29 L22 Why did this happen? (Mark all that apply) An employer going out of business 1 \cap A plant closing or moving 2 \cap The introduction of new technology 3 \cap Reduction of staff 4 \cap Seasonal job 5 \cap Shortage of work 6 \cap Other 7 \cap Other 7 \cap Other 10 \cap Other		
L19. How closely was that job related to your education at that time? Was it closely related? 70 somewhat related? 80 not related at all? 90 L20. Considering your experience, education and training, do you feel that you have been overqualified for most of your jobs? Yes 10 No 20 L21. Did you lose a job between January 1984 and December 1988 for any reason? Yes 30 No 40 — Go to L23 L22. Why did this happen? (Mark all that apply) An employer going out of business 10 A plant closing or moving 20 The introduction of new technology 30 Reduction of staff 40 Seasonal job 50 Shortage of work 60 Other 70 To you intend to work at a job in the future? Yes 30 No 40 — Go to L29 L27. Do you intend to work at a job in the future? Yes 30 No 40 — Go to L29 L28. At what age do you plan to retire? L29. Don't know 110 Don		look for work?
at that time? Was it closely related? 7 0 somewhat related? 8 0 not related at all? 9 0 L20. Considering your experience, education and training, do you feel that you have been overqualified for most of your jobs? Yes 1 0 No 2 0 L21. Did you lose a job between January 1984 and December 1988 for any reason? Yes 3 0 No 4 0 — Go to L23 L22. Why did this happen? (Mark all that apply) An employer going out of business 1 0 A plant closing or moving 2 0 The introduction of new technology 3 0 Reduction of staff 4 0 Seasonal job 5 0 Shortage of work 6 0 Other 7 0		months
somewhat related? 80 not related at all? 90 L20 Considering your experience, education and training, do you feel that you have been overqualified for most of your jobs? Yes 10 No 20 L21 Did you lose a job between January 1984 and December 1988 for any reason? Yes 30 No 40 ———————————————————————————————————		
somewhat related? 60 not related at all? 90 L28. At what age do you plan to retire?	closely related? 7 〇	
L20 Considering your experience, education and training, do you feel that you have been overqualified for most of your jobs? Yes 1		No 4 ○ —— Go to L29
training, do you feel that you have been overqualified for most of your jobs? Yes 1 0 No 2 0 L21. Did you lose a job between January 1984 and December 1988 for any reason? Yes 3 0 No 4 0 → Go to L23 L22. Why did this happen? (Mark all that apply) An employer going out of business 1 0 A plant closing or moving 2 0 The introduction of new technology 3 0 Reduction of staff 4 0 Seasonal job 5 0 Shortage of work 6 0 Other 7 0	not related at all? 9 O	L28. At what age do you plan to retire?
Yes 1 0 No 2 0 L21. Did you lose a job between January 1984 and December 1988 for any reason? Yes 3 0 No 4 0 Go to L23 L22. Why did this happen? (Mark all that apply) An employer going out of business 1 0 A plant closing or moving 2 0 The introduction of new technology 3 0 Reduction of staff 4 0 Seasonal job 5 0 Shortage of work 6 0 Other 7 0	L20. Considering your experience, education and training, do you feel that you have been	
L21. Did you lose a job between January 1984 and December 1988 for any reason? Yes 3 O No 4 O —— Go to L23 L22. Why did this happen? (Mark all that apply) An employer going out of business 1 O A plant closing or moving 2 O The introduction of new technology 3 O Reduction of staff 4 O Seasonal job 5 O Shortage of work 6 O Other 7 O		Don't know
December 1988 for any reason? Yes 30 No 40 → Go to L23 L22 Why did this happen? (Mark all that apply) An employer going out of business 10 A plant closing or moving 20 The introduction of new technology 30 Reduction of staff 40 Seasonal job 50 Shortage of work 60 Other 70		Don't intend to retire 22 O
No	L21. Did you lose a job between January 1984 and December 1988 for any reason?	L29. Do you think that mandatory retirement is a good idea?
No 4 O — Go to L23 L22 Why did this happen? (Mark all that apply) An employer going out of business 1 O A plant closing or moving 2 O The introduction of new technology 3 O Reduction of staff 4 O Seasonal job 5 O Shortage of work 6 O Other 7 O	Yes 3 O	
(Mark all that apply) An employer going out of business 1 A plant closing or moving 2 The introduction of new technology 3 Reduction of staff 4 Seasonal job 5 Shortage of work 6 Other 7 Other	No 4 ○ — → Go to L23	No 4 O
An employer going out of business 1 A plant closing or moving 2 The introduction of new technology 3 Reduction of staff 4 Seasonal job 5 Shortage of work 6 Other 7	L22 . Why did this happen?	
A plant closing or moving 2 The introduction of new technology 3 Reduction of staff 4 Seasonal job 5 Shortage of work 6 Other 7	(Mark all that apply)	
The introduction of new technology 3 ○ Reduction of staff 4 ○ Seasonal job 5 ○ Shortage of work 6 ○ Other 7 ○	An employer going out of business 1 O	
The introduction of new technology 3 ○ Reduction of staff 4 ○ Seasonal job 5 ○ Shortage of work 6 ○ Other 7 ○	-0	
Reduction of staff 4 ○ Seasonal job 5 ○ Shortage of work 6 ○ Other 7 ○		
Seasonal job 5 ○ Shortage of work 6 ○ Other 7 ○		
Shortage of work 6 ○ Other 7 ○		
Other		
(Specify)	0.00	all all and the second second
	(Specify)	

SEC	TION M: Organizations		
M1.	Now I have a few questions about your involvement in associations, clubs or other	er groups.	- AW
	In the last 12 months, have you been involved in any	Yes	No
		01 ()	02 ()
	a) Charitable, service or volunteer organization?		
	b) Neighbourhood, community or school-related association?	03 🔾	04 🔾
	c) Religious or church-related group, not counting time at church services?	05 🔾	06 🔾
	d) Social, cultural or ethnic group?	07 🔾	08 (
		09 🔾	10 🔾
	e) Sports or athletic association?	00 0	0
	f) Public interest group, concerned with issues such as the environment or world peace?	11 0	12 🔾
	g) Business, professional or other work-related organization?	13 🔾	14 🔾
	h) Political organization?	15 🔾	16 🔾
Ma	INTERVIEWER:		
IVIZ.			
	If all NO in M1		
	Otherwise		
1.672	On average, what is the total number of hours you spend each month	participatin	g in all su
WIJ.	organizations?		3
	Zero 00 O		
	or		
	hours		
M4	Are you a member of a labour union?	THE STATE OF THE S	
	Yes 3 O		
	No 4 O Go to N1		
140	On average, about how many hours do you spend each month on union activitie	62	
IVIO.			
	Zero 00 🔾		
	Of		
	hours		
+			

N2.	W	ould you describe yourself as								
			ery	Som	ewhat	Somewhat		Very	No	
			0		0	3 ()		4 ()		0
N3.	I a	im going to ask you to rate co	ertain area	s of you	life. Are	you satisfied o	r dissa	itisfied with		
							Is tha	t somewhat or	very?	
							Some	what	Ve	ery
	01	Your bealth?	Cabi	sfied	01 0 -		02 C		03	0
	dj	Your health?		atisfied	04 0 -	-	05 C		06	0
				pinion .	07 ()		00 0			
			140 (phinor .						
	b)	Your education?	Satis		08 0 -	-	09		10	-
				atisfied	110 -		12 C)	13	0
			No c	poinion .	14 ()					
	c)	Your job or main activity?	Satis	sfied	15 🔾 —	-	16		17	0
			Diss	atisfied	18 🔾 —	-	19)	20	0
			No o	pinion .	21 (
	d)	The way you spend your								-
		other time?	Satis	sfied	22 0 —		23 (24	0
				atisfied	25 🔾 —		26 C)	27	0
			No c	pinion .	28 🔾					
	e)	Your finances?	Satis	sfied	29 🔾 —	-	30 C		31	0
			Diss	atisfied	35 🔾 —	-	33 (34	0
			No o	pinion .	35 🔾					
	f)	Your housing?	Satis	fied	36 🔾 —		37 C		38	0
	,			atisfied	39 🔾 —	-	40 C		41	0
			No c	pinion	42 🔾					
	(1)	Your spouse, living partner								
	91	or single status?	Satis	fied	43 0 —	-	44 (45	_
			Diss	atisfied	46 🔾 —		47 (48	0
			No o	pinion .	49 🔾					
	h)	Your relationship with friend		find	50 🔾 —		51 C		52	0
		and family members?			53 🔾 —		54 (55	
				atisfied pinion .	56 🔾		3+ 0		30	
			140 0	piriiOff .					- 6	_
	1)	Yourself (self-esteem)?	Satis	fied	57 0 -		58		59	0
				atisfied	60 🔾 —		61		62	0
			No o	pinion .	63 🔾					
4.	Usi	ing the same scale, how d	o you fee	el about	your life	as a whole	right	now? Are you	satisf	ed
	dis	satisfied?					In the	t nomowhat or	very?	
							Some	t somewhat or what		ery
							2 (2	
			Satis		10-		2 (3	
				atisfied	70		5 (0	
			No o	pinion .	, 0					

SEC	CTION P: Other classification			 Are you limited in the kind or amount of activity you can do at home, at work, or at school because 		
P1.	Now a few general questions.		0	a long term condition or heal	th problem?	
P2.	In what type of dwelling are you now living?			s 1 O		
	ls it a		Y	2 O → Go	n P13	
	Single detached house?	10				
	Semi-detached or double (side-by-side)?	20		nat is the main condition or lits you?	health problem tha	
	Garden house, town house or row house?	3 0	L			
	Duplex (one above the other)?	4 ()	L			
	Low-rise apartment (less than 5 stories)?	5 🔾	L			
	High-rise apartment (5 or more stories)?	6 🔾	P12. A	e you completely unable to siness because of this co	work at a job	
	Mobile home?	70		oblem?		
	Other	8 ()	Y	s 3 O		
			N	4 0		
	(Spec	cify)	N	t applicable 5 O		
			P13. I	what country were you born'	?	
				nada 60 - In which pro-		
					01 0	
				Newfoundland		
				Prince Edward Nova Scotia	island	
P3.	What is your postal code?			Nova Scotia New Brunswid	0	
				Quebec		
	Don't know 9 O			Ontario	_	
	Don't know 9 O			Manitoba		
			-	Saskatchewar	~~~	
P4.	Is this dwelling owned by a member of household or is it rented?	or this				
	2			Alberta British Columi		
	Owned 1 O					
	Rented 2 O			Yukon Territo Northwest Te	,	
P5	How many telephones, including extension	ns. are		MOLLUMES! 16		
	there in your dwelling?			tside	Go to P15	
	One 3 O Go to P10			inada 70		
	Two or more 4 O					
				(Specify)		
P6.	Do all the telephones have the same number	r?	l		Ш	
	Yes 5 ○ — Go to P10 No 6 ○		1		1 1 1	
	No 6 O					
P7.	How many different numbers are there?		P14. I	what year did you first immi	grate to Canada?	
	1 1					
			1			
			(anadian citizen by birth	в О	
P8.	Are any of these numbers for business use	only?				
	20		P15. \	hat is your date of birth?		
	Yes 7 O					
	No 8 ○ — Go to P10			y Month Year		
P9.	How many are for business use only?					

P16.	What language did you first speak in childhood? (Accept multiple response only if languages were used equally)	P19	Other than on special occasions, such as weddings, funerals or baptisms, how often did you attend services or meetings connected with your religion in the last 12 months? Was it
	Do you still		At least once a week?
	understand that/those		At least once a month?
	l anguage(s)? Yes No		A few times a year?
	English 1 O		At least once a year?
	French 2 ○ → 03 ○ 04 ○		Less than once a year? 5 O
	ttalian 3 ○ → 05 ○ 06 ○	11	Never? 6 O
	German 4 ○ → 07 ○ 08 ○		
	Ukrainian 5 ○ — 09 ○ 10 ○	920	. To which ethnic or cultural group do you or did
	Other 6 0		your ancestors belong? Would it be (Accept multiple responses)
	(Specify)		French? 01 O
			English? 02 O
			Irish? 03 🔾
			Scottish? 04 O
P17	What language do you speak most often at home?		German? 05 ○
	(Accept multiple reponse only if languages are spoken		Italian? 06 〇
	equally)		Ukrainian? 07 O
	English 1 O		Other 08 O
	French		(Specify)
	Towns 7.		
	- 0		
	German		
	Other		(<i>Probe</i>)
	(Specify)		Don't know
		P21	. What is your marital status? Is it
			Married or living common law? 1 ○
			Single (never been married)? 2 O Go to P26
		-	Widow or widower? 3 ○ → Go to P26
P18.	What, If any, is your religion?		Separated or divorced? 4 ○ → Go to P26
	No religion		
	Roman Catholic 02 O		
	11000ytonar 1111111		
	Baptist 07 O		
	Jewish 09 O		
	Other 10 O		
	4		
	(Specify)		

P22.	What is the highest level of education your spouse	P26. During 1988, did you personally receive income
	attained? (Mark one only)	Yes No
	Masters or earned doctorate	a) From wages, salary or
	Bachelor or undergraduate degree, or	self-employment?
	Diploma or certificate from community college, CEGEP or nursing school	b) From government, such as Family Allowance. Unemployment Insurance, Social Assistance, Canada or Quebec Pension Plan or Old Age Security?
	Diploma or certificate from trade, technical or vocational school, or business college	Old Age Security? 3 4 0
	Some university	investments or private pensions? 5 6 6
	Some community college, CEGEP or nursing school	d) From any other sources, such as alimony,
	Some trade, technical or vocational school, or business college	scholarships, etc.? 7 0 8 0
	Secondary high school graduation 08 O	
	Some secondary/high school 09 O	
	Elementary school (some or completed) 10 〇	
	Other	P27. What is your best estimate of your total personal income in 1988 from all sources, including those just mentioned? Income . 1 > \$ 000
		DOTTRION
		P28. What is your best estimate of the total income of all household members from all sources in 1988? Was the total household income Same as
P23.	During 1988, what best describes your spouse's MAIN activity? Was your spouse mainly (Mark one only) Working at a job or	Less than \$5,000? 10 O
	business?	Less than \$20,000? 02
	A student? 3 ○ Keeping house? 4 ○ Retired? 5 ○ Other 6 ○ (Specify)	\$10,000 and more? 07 \$15,000 \$15,000 and more? 13
	(Opechy)	Less than (\$30,000? 14 O
		Less than \$40,000? 080 \$30,000
		and more?15 C
P24.	Did your spouse have a job or was he/she self-employed at any time during 1988?	\$20,000 and more?03 (Less than \$60,000? 16 C
	Yes 7 ○ No 8 ○ — Go to P26	\$40,000 so 17 C
P25.	For how many weeks during 1988 did your spouse do any work at a job or business?	\$80,000 and more?18 C
	(Include vacation, illness, strikes, lock-outs and maternity leave)	No income 04 C
	weeks	know . 05 O
		P29. INTERVIEWER: Sex of respondent: Male

99.	COMMENTS
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