Canada

Statistics Canada

National Household Survey, 2011 [Canada] Public Use Microdata File (PUMF): Individuals File

Study Documentation

November 5, 2017

Metadata Production

Metadata Producer(s)	Ontario Data Documentation, Extraction Service and Infrastructure (ODESI) , Scholars Portal
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National Household Survey, 2011 [Canada] Public Use Microdata File (PUMF): Individuals File
Enquête nationale auprès des ménages, 2011 [Canada] Fichiers de microdonnées à grande diffusion (FMGD): Fichier des particuliers

Overview

Type	National Household Survey (NHS)
Identification	NHS-99M001X-E-2011-pumf-individuals
Version	Production Date: 2014-08-12 Version 2.0 Notes SUBSIDY variable was corrected.
Series	Between May and August 2011, Statistics Canada conducted the National Household Survey (NHS) for the first time. This voluntary, self-administered survey was introduced as a replacement for the long census questionnaire, more widely known as Census Form 2B. The NHS is designed to collect social and economic data about the Canadian population. The objective of the NHS is to provide data for small geographic areas and small population groups. The NHS questionnaire includes questions on demographic, social, and economic characteristics of people living in Canada. These include questions on Aboriginal identification, questions to identify the immigrant population, visible minority status, educational attainment, income, and the dwelling in which they usually reside. In addition, the NHS also includes new or updated content related to journey to work, income, and religion.

Abstract

The National Household Survey (NHS) was conceived to replace the mandatory long-form census questionnaire. The content of the NHS 2011 is similar to the past long-form questionnaire, although some questions and sections have changed.
The Individuals File, 2011 National Household Survey (Public Use Microdata Files) provides data on the characteristics of the Canadian population. The file contains a 2.7% sample of anonymous responses to the 2011 National Household Survey (NHS) questionnaire. The files have been carefully scrutinized to ensure the complete confidentiality of the individual responses and geographic identifiers have been restricted to provinces/territories and metropolitan areas.
With 133 variables, this comprehensive tool is excellent for policy analysts, pollsters, social researchers and anyone interested in modelling and performing statistical regression analysis using National Household Survey data.

Kind of Data	Survey data
Unit of Analysis	Individuals

Scope & Coverage

Keywords	Aboriginal peoples, Immigration, Ethnocultural diversity, Citizenship, Place of birth, Language, Ethnic origin, Visible minorities, Religion, Education, Labour, Place of work, Communiting to work, Language of work, Mobility, Migration, Income, Housing, Income, Earnings, Housing, Shelter costs, Census metropolitan areas
Topics	Households, Census, Census metropolitan areas
Time Period(s)	2011-05-10
Countries	Canada

Geographic Coverage
Canada, provinces and territories, census metropolitan areas

Universe

The NHS covers all persons who usually live in Canada, in the provinces and the territories. It includes persons who live on Indian reserves and in other Indian settlements, permanent residents, nonpermanent residents such as refugee claimants, holders of work or study permits, and members of their families living with them.

Foreign residents such as representatives of a foreign government assigned to an embassy, high commission or other diplomatic mission in Canada, members of the armed forces of another country stationed in Canada, and residents of another country who are visiting Canada temporarily are not covered by the NHS.

The survey also excludes persons living in institutional collective dwellings such as hospitals, nursing homes and penitentiaries; Canadian citizens living in other countries; and full-time members of the Canadian Forces stationed outside Canada. Also excluded are persons living in non-institutional collective dwellings such as work camps, hotels and motels, and student residences.

Producers & Sponsors

Primary Investigator(s)	Statistics Canada
Other Producer(s)	Statistics Canada

Sampling

Sampling Procedure
The sample for the individuals file is selected using a two-phase sampling plan applied to the sample of NHS respondents. For the first phase, the sample of NHS respondents got split into three parts representative of the country. Those parts are used as a survey frame to select the different NHS public use microdata files samples. The first frame was used to select the individuals file records. The second frame was used to select the hierarchical file records. The third frame was used to select records for a public use microdata file intended to do international comparisons. Finally, the second phase was the selection of the individuals file records from the first of the three frames. The individuals file sample size represents 2.7% of the target population, which gives 887,012 individuals.

Response Rate
The final response rate for the NHS was 68.6%. This rate is similar to rates on other voluntary surveys conducted by Statistics Canada.

Weighting
The microdata file contains a record for each unit selected in the PUMF sample. A certain number of characteristics are given for each record. Each of these individuals represents a number of other individuals that are not part of the sample but are in the NHS target population. This is reflected in the estimation process by using a variable called 'WEIGHT.' The 'WEIGHT' is the weighting factor for each individual unit. It corresponds to the number of units in the population represented by each unit selected in the sample. Values of the WEIGHT could be the same or different from one selected unit to another, depending on the weight adjustments done to match the sampling strategy. As was noted in section A, around 92% of records on the file have a value of WEIGHT of 32.4.

Data Collection

Time Period(s)	single 2011-05-10
Data Collection Mode	Delivery of the NHS questionnaires was synchronized with 2011 Census collection operations. In early May 2011, 60% of the selected households received a letter containing the Internet address of Statistics Canada's online questionnaire and a secure access code. The remaining households received a printed questionnaire sent by mail or dropped off by a Statistics Canada enumerator. Respondents had three response options: • an online questionnaire: Occupants of dwellings selected for the NHS who completed their census questionnaire online could answer the NHS questionnaire either immediately after finishing the census questionnaire or later.

	• a paper questionnaire: Occupants of dwellings selected for the NHS who did not respond online could complete a printed questionnaire sent by mail or dropped off by a Statistics Canada enumerator in early June 2011. • an interview with a Statistics Canada enumerator: This method was used in remote areas, on Indian reserves and in non-response follow-up. It was also offered to respondents who wanted to complete their questionnaire by telephone by calling the survey's help line.

Data Collection Notes

Users should pay close attention to the potential differences between the 2011 Census counts and the NHS estimates for common characteristics. Where there are differences, users should consider the 2011 Census counts to be of higher quality and give preference to them since they are not affected by the NHS's sampling variance or non-response error.

Questionnaires

Structured

Data Processing & Appraisal

Estimates of Sampling Error

The sampling error is an error attributable to the fact that only a sample of the population is used to produce the estimates. Different samples would have yielded different estimates. These differences are represented by the sampling variability. The PUMF sample was divided into eight nonindependent random groups (or nonoverlapping random groups). Each group is representative of the population but is about 8 times smaller than the full sample. These groups can be identified using the replicate weighting factors WT1, WT2 …, WT8 on the microdata file. For example, the fourth group is the set of records for which WT4 is greater than 0. A given replicate weighting factor is 0 if a record is not part of the corresponding group or 8 times the original WEIGHT if it is part of the group. The multiplication by 8 compensates for the division of the sample into eight groups. Using each of the replicate weighting factors, it is possible to compute eight group estimates. The sampling error is estimated based on these eight estimates.

Accessibility

Access Authority	Statistics Canada , http://www.statcan.gc.ca/reference/refcentre-centreref/index-eng.htm , infostats@statcan.gc.ca
Contact(s)	Data Liberation Initiative (Statistics Canada)
Distributor(s)	Data Liberation Initiative
Depositor(s)	Data Liberation Initiative

Access Conditions

DLI PUMF License

Citation Requirements

The authors of these communications using these data products are required to cite Statistics Canada as the source of the data, and to indicate that the results or views expressed are those of the author/authorized user and are not those of Statistics Canada.

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Files Description

Dataset contains 1 file(s)

NHS-99-004-XWE-E-2011-pumf-individuals_F1	
# Cases	887012
# Variable(s)	133

Variables Group(s)

Dataset contains 17 group(s) total - showing a subset of 6

Group Geography

#	Name	Label	Type	Format	Valid	Invalid	Question
1	CMA	Census metropolitan area of current residence (2011)	discrete	numeric-3.0	887012	0	-
2	PR	Province or territory of current residence (2011)	discrete	numeric-2.0	887012	0	-

Group Demography

#	Name	Label	Type	Format	Valid	Invalid	Question
1	AGEGRP	Age groups	discrete	numeric-2.0	882287	4725	-
3	SEX	Sex	discrete	numeric-1.0	887012	0	-

Group Education

#	Name	Label	Type	Format	Valid	Invalid	Question
1	ATTSCH	Education: Attendance at school - Detailed	discrete	numeric-1.0	732782	154230	-
2	CIP2000	Education: Major field of study, primary groupings (based on CIP Canada 2000, historical)	discrete	numeric-2.0	728365	158647	-
4	HDGREE	Education: Highest certificate, diploma or degree	discrete	numeric-2.0	730704	156308	-
5	LOC_ST_RES	Education: Location of study compared with province or territory of residence	discrete	numeric-1.0	734772	152240	-
7	SSGRAD	Education: Secondary (high) school diploma or equivalent	discrete	numeric-2.0	730704	156308	-

Group Income

#	Name	Label	Type	Format	Valid	Invalid	Question
15	HHINC	Income: Household total income groups	discrete	numeric-2.0	886302	710	-
31	TOTINC	Income: Total income	discrete	numeric-7.0	734079	152933	-

Group Dwellings: Housing and shelter costs

#	Name	Label	Type	Format	Valid	Invalid	Question
3	GROSRT	Rent, gross	discrete	numeric-4.0	216907	670105	-
10	TENUR	Tenure	discrete	numeric-1.0	879819	7193	-

Group Weighting

#	Name	Label	Type	Format	Valid	Invalid	Question

#	Name	Label	Type	Format	Valid	Invalid	Question
1	WEIGHT	Individuals weighting factor	discrete	numeric-19.15	887012	0	-

Variables Description

Dataset contains 133 variable(s) total - showing a subset of 14

File : NHS-99-004-XWE-E-2011-pumf-individuals_F1

AGEGRP: Age groups

Information	[Type= discrete] [Format=numeric] [Range= 1-88] [Missing=*/88]
Statistics [NW/ W]	[Valid=882287 / 32680116.132] [Invalid=4725 / 172206.868]
Definition	Age groups
Universe	Reported for: Persons in private households

Value	Label	Cases	Weighted	Percentage (Weighted)
1	0 to 4 years	50981	1875409.2	5.7%
2	5 to 6 years	19785	727471.4	2.2%
3	7 to 9 years	29403	1081086.5	3.3%
4	10 to 11 years	20160	741358.5	2.3%
5	12 to 14 years	31647	1161440.5	3.6%
6	15 to 17 years	35001	1280226.8	3.9%
7	18 to 19 years	23741	858244.5	2.6%
8	20 to 24 years	58376	2143932.2	6.6%
9	25 to 29 years	58205	2151522.4	6.6%
10	30 to 34 years	57793	2129736.0	6.5%
11	35 to 39 years	58121	2137635.2	6.5%
12	40 to 44 years	62359	2292950.0	7.0%
13	45 to 49 years	71409	2636161.9	8.1%
14	50 to 54 years	71125	2633576.0	8.1%
15	55 to 59 years	62190	2312713.7	7.1%
16	60 to 64 years	54250	2027691.7	6.2%
17	65 to 69 years	39413	1496540.5	4.6%
18	70 to 74 years	28978	1116312.4	3.4%
19	75 to 79 years	22629	863694.1	2.6%
20	80 to 84 years	15713	599842.1	1.8%
21	85 years and over	11008	412570.5	1.3%
88	Not available	4725	172206.9	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

ATTSCH: Education: Attendance at school - Detailed

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*/8/9]
Statistics [NW/ W]	[Valid=732782 / 27187310.983] [Invalid=154230 / 5665012.017]
Definition	'Attendance at school – Detailed' refers to attendance and the type of school attended at any time during the nine-month period between September 2010 and May 10, 2011.
Universe	Reported for: Persons in private households aged 15 years and over
Notes	This variable applies to the population aged 15 years and over in private households. An individual's attendance could be either full time or part time (day or evening), even if the individual dropped out after registration. Attendance was counted only for courses which could be used as credits towards a certificate, diploma or degree from a recognized educational institution (elementary, junior high or secondary school; registered apprenticeship program (in-class portion), trade school, business school, community college, technical institute or CEGEP; or university). Recognized educational institutions also included seminaries, schools of nursing, private business schools, private or public trade schools, institutes of technology, vocational schools, or schools for people who are deaf or blind. Individuals were asked to identify types of schools attended. Attendance at school was not counted for training received from an employer unless it could be used as credit towards a certificate, diploma or degree from a recognized educational institution. Data quality note: Users are advised that certification analysis of results from the 2011 NHS 'Attendance at school' question showed variations with the Labour Force Survey. It is believed that a small proportion of respondents interpreted the NHS question as 'Has this person ever attended a school, college, CEGEP or university?' rather than the actual question 'At any time since September 2010, has this person attended a school, college, CEGEP or university?' As a result, the 2011 NHS could have overestimated categories with small proportions of school attendance, such as older age groups and/or where the respondent selected attendance at more than one

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ATTSCH: Education: Attendance at school - Detailed

	type of institution. We recommend that the data on school attendance be used with caution. For any other comments on data quality for this variable, refer to the Education Reference Guide, National Household Survey, 2011.

Value	Label	Cases	Weighted	Percentage (Weighted)	
1	Did not attend school	604580	22563002.8		83.0%
2	Yes, attended elementary, junior high or high school only	43805	1595003.6	5.9%	
3	Yes, attended trade school, college, CEGEP or other non-university institutions only	40040	1450913.2	5.3%	
4	Yes, attended university only	41826	1492907.1	5.5%	
5	Multiple responses	2531	85484.2	0.3%	
8	Not available	2003	69574.3		
9	Not applicable (< 15 years)	152227	5595437.8		

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

CIP2000: Education: Major field of study, primary groupings (based on CIP Canada 2000, historical)

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*/88/99]
Statistics [NW/ W]	[Valid=728365 / 27025381.193] [Invalid=158647 / 5826941.807]
Definition	'Major field of study' refers to the predominant discipline or area of learning or training of a person's highest postsecondary certificate, diploma or degree.
Universe	Reported for: Persons in private households
Notes	This variable applies to the population aged 15 years and over in private households, with a postsecondary certificate, diploma or degree. It uses the historical Classification of Instructional Programs (CIP) Canada 2000 'primary groupings.' Major field of study write-in responses were assigned codes using the updated and revised CIP Canada 2011, as well as the older CIP Canada 2000 to facilitate comparison with other data sources. At the most detailed level, the CIP Canada 2000 structure consists of 1,432 instructional program classes represented by six-digit codes. Related instructional program classes can be grouped into 385 sub-series (four-digit codes) which can be grouped again to form 49 series (two-digit codes). There is also a variant of CIP Canada 2000 that consists of 13 primary groupings, 12 of which are used for the 2011 National Household Survey (NHS). The category which includes courses in personal improvement and leisure is not used. IMPORTANT NOTE: Some series and their sub-components are not used in the NHS: series 21, 32 to 37 and 53. We recommend that users not make comparisons between categories of the two classification systems on the basis of their labels. Even though many entries in the two classifications are similar, direct comparison could be inappropriate, given the numerous changes made at the detailed level to update the classification. In addition to changes specified by the new CIP2011 classification system, users who select both CIP2000 and CIP2011 classifications in their tables may encounter small counts of CIP2000-CIP2011 pairings from dissimilar fields of study. Such pairings are due to: (a) differing coding interpretations of insufficiently specific write-ins or write-ins involving multiple fields of study, (b) the use of some data processing routines for CIP2000 and CIP2011 codes that operate independently, and (c) an acceptable level of coding error. Theoretical concordances showing the conceptual relationships between CIP Canada 2000 and CIP Canada 2011 based on instructional class definitions are available at: http://www.statcan.gc.ca/concepts/concordances-classifications-eng.htm. For more information on the CIP classifications, see the Classification of Instructional Programs, Canada, 2000, Catalogue no. 12-590-XPE and the Classification of Instructional Programs, Canada 2011, Catalogue no. 12-590-X available from: http://www.statcan.gc.ca/concepts/classification-eng.htm. For any comments on data quality for this variable, refer to the Education Reference Guide, National Household Survey, 2011.

Value	Label	Cases	Weighted	Percentage (Weighted)	
1	01 Education	30452	1098168.0	4.1%	
2	02 Visual and performing arts, and communications technologies	14165	521111.0	1.9%	
3	03 Humanities	22534	809995.3	3.0%	
4	04 Social and behavioural sciences and law	40193	1451375.2	5.4%	
5	05 Business, management and public administration	87483	3171578.0		11.7%
6	06 Physical and life sciences and technologies	14991	530916.1	2.0%	
7	07 Mathematics, computer and information sciences	16431	584076.4	2.2%	

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CIP2000: Education: Major field of study, primary groupings (based on CIP Canada 2000, historical)

Value	Label	Cases	Weighted	Percentage (Weighted)
8	08 Architecture, engineering, and related technologies	85461	3163884.5	11.7%
9	09 Agriculture, natural resources and conservation	8207	305415.0	1.1%
10	10 Health, parks, recreation and fitness	56540	2064134.2	7.6%
11	11 Personal, protective and transportation services	23507	888629.3	3.3%
12	12 Other	16	558.6	0.0%
13	No postsecondary certificate, diploma or degree	328385	12435539.6	46.0%
88	Not available	6407	230987.2	
99	Not applicable (< 15 years)	152240	5595954.6	

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CMA: Census metropolitan area of current residence (2011)

Information	[Type= discrete] [Format=numeric] [Range= 205-999] [Missing=*]
Statistics [NW/ W]	[Valid=887012 / 32852322.999] [Invalid=0 / 0]
Definition	Refers to the census metropolitan area (CMA), census agglomeration (CA), or non-CMA/CA of current residence (on May 10, 2011).
Universe	Reported for: Persons in private households

Value	Label	Cases	Weighted	Percentage (Weighted)
205	Halifax	9917	383418.5	1.2%
399	Moncton - Saint John	6755	260577.1	0.8%
421	Québec	20518	747480.6	2.3%
462	Montréal	105509	3760013.1	11.4%
499	Sherbrooke - Trois-Rivières	9502	338918.2	1.0%
505	Ottawa - Gatineau	33470	1204839.1	3.7%
532	Oshawa	9672	350987.4	1.1%
535	Toronto	151709	5521202.9	16.8%
537	Hamilton	18932	702818.5	2.1%
539	St. Catharines - Niagara	9917	377581.5	1.1%
541	Kitchener - Cambridge - Waterloo	12869	471852.6	1.4%
555	London	12529	463366.6	1.4%
559	Windsor	8332	316500.9	1.0%
577	Brantford - Guelph - Barrie	11884	447627.5	1.4%
588	Kingston - Peterborough	6966	267234.9	0.8%
599	Greater Sudbury / Grand Sudbury - Thunder Bay	7258	277443.4	0.8%
602	Winnipeg	19700	713867.8	2.2%
799	Regina - Saskatoon	12278	466212.0	1.4%
825	Calgary	32714	1204144.6	3.7%
835	Edmonton	30954	1132580.9	3.4%
933	Vancouver	63215	2287117.7	7.0%
935	Victoria	9249	336284.6	1.0%
988	Kelowna - Abbotsford	9489	347948.5	1.1%
999	Other census metropolitan areas, census agglomerations and other geographies	273674	10472304.1	31.9%

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CMA: Census metropolitan area of current residence (2011)

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

GROSRT: Rent, gross

Information	[Type= discrete] [Format=numeric] [Range= 0-9999] [Missing=*/8888/9999]
Statistics [NW/ W]	[Valid=216907 / 8265207.099] [Invalid=670105 / 24587115.901] [Mean=913.577 / 912.759] [StdDev=450.106 / 448.553]
Definition	Refers to the total average monthly payments paid by tenant households to secure shelter.
Universe	Reported for: Persons in private households in tenant-occupied private non-farm dwellings The value 8,888 stands for not available. The value 9,999 stands for not applicable and is applied to persons in farm dwellings, and owner-occupied dwellings. Otherwise, this variable could be positive or zero and is a rounded amount paid by tenant-occupied households. In some cases, high values have been top coded in this file.
Notes	Gross rent includes payments for electricity, oil, gas, coal, wood or other fuels, water and other municipal services, and cash rent.

Value	Label	Cases	Weighted	Percentage (Weighted)
0		2073	73997.2	0.9%
1		712	26360.1	0.3%
100		2686	99459.2	1.2%
200		3834	145505.3	1.8%
300		6312	242939.9	2.9%
400		10234	391922.3	4.7%
500		14923	570846.1	6.9%
600		20230	772040.3	9.3%
700		24357	935489.1	11.3%
800		24117	921487.8	11.1%
900		21163	807413.5	9.8%
1000		18049	689234.7	8.3%
1060		2262	83091.4	1.0%
1100		12405	477275.2	5.8%
1114		406	15442.5	0.2%
1133		292	10953.9	0.1%
1184		85	3848.6	0.0%
1190		332	11893.1	0.1%
1200		9581	368752.9	4.5%
1280		286	10730.3	0.1%
1299		161	6166.8	0.1%
1300		6942	266383.4	3.2%
1325		784	29740.9	0.4%
1349		217	8154.9	0.1%
1383		254	10129.6	0.1%
1400		5216	199943.0	2.4%
1405		219	8495.6	0.1%
1412		616	22467.2	0.3%
1427		304	10838.1	0.1%
1436		226	8734.5	0.1%
1451		4429	156779.1	1.9%
1467		234	9015.8	0.1%
1470		1187	45134.6	0.5%

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GROSRT: Rent, gross

Value	Label	Cases	Weighted	Percentage (Weighted)
1500		4248	161690.7	2.0%
1512		405	15137.7	0.2%
1598		405	16436.1	0.2%
1600		2529	95483.4	1.2%
1666		290	10345.5	0.1%
1700		1138	44663.0	0.5%
1722		405	14123.2	0.2%
1729		821	30919.0	0.4%
1785		181	6936.6	0.1%
1800		525	20788.0	0.3%
1827		201	7569.2	0.1%
1842		291	11581.4	0.1%
1871		151	5543.7	0.1%
1941		599	21847.0	0.3%
2023		4592	169394.8	2.0%
2024		266	9430.0	0.1%
2028		909	35852.9	0.4%
2122		280	10775.2	0.1%
2179		163	5480.3	0.1%
2185		791	29915.8	0.4%
2323		1904	70885.7	0.9%
2399		685	29740.9	0.4%
8888		7193	260586.8	
9999		662912	24326529.1	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

HDGREE: Education: Highest certificate, diploma or degree

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*/88/99]
Statistics [NW/ W]	[Valid=730704 / 27111532.639] [Invalid=156308 / 5740790.36]
Definition	Detailed information indicating the person's most advanced certificate, diploma or degree.
Universe	Reported for: Persons in private households aged 15 years and over
Notes	This is a derived variable obtained from the educational qualifications questions, which asked for all certificates, diplomas and degrees to be reported. The general hierarchy used in deriving this variable (high school graduation, trades, college, university) is loosely tied to the 'in-class' duration of the various types of education. At the detailed level, someone who has completed one type of certificate, diploma or degree will not necessarily have completed the credentials listed below it in the hierarchy. For example, a registered apprenticeship graduate may not have completed a high school certificate or diploma, nor does an individual with a master's degree necessarily have a 'university certificate or diploma above the bachelor's level.' Although the hierarchy may not fit all programs perfectly, it gives a general measure of educational attainment. This variable applies to the population aged 15 years and over in private households. Data quality note: Data users should note that some respondents may not have reported their educational credentials correctly. Analysis of the trades and college categories suggests that some respondents reported their trades certificates as college certificates, or reported them in both the trades and college questions. As well, respondents may not have consistently interpreted the time periods in the college question. Comparisons with other data sources suggest that the category 'University certificate or diploma below the bachelor's level' was over-reported in the NHS. This category likely includes some responses that are actually college certificates or diplomas, bachelor's degrees or other types of education (e.g., university transfer programs, bachelor's programs completed in other countries, incomplete bachelor's programs, non-university professional designations). We recommend users interpret the results for the 'University certificate or diploma below the bachelor's level' category with caution. For any other comments on data quality for this variable, refer to the Education Reference Guide, National Household Survey, 2011.

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HDGREE: Education: Highest certificate, diploma or degree

Value	Label	Cases	Weighted	Percentage (Weighted)
1	No certificate, diploma or degree	142945	5472911.0	20.2%
2	High school diploma or equivalent	185257	6955713.2	25.7%
3	Trades certificate or diploma (other than apprenticeship)	45700	1721092.1	6.3%
4	Registered Apprenticeship certificate	31574	1204033.9	4.4%
5	College, CEGEP or other non-university certificate or diploma from a program of 3 months to less than 1 year	16670	624105.4	2.3%
6	College, CEGEP or other non-university certificate or diploma from a program of 1 year to 2 years	63486	2345272.2	8.7%
7	College, CEGEP or other non-university certificate or diploma from a program of more than 2 years	53726	1974796.8	7.3%
8	University certificate or diploma below bachelor level	33008	1180080.7	4.4%
9	Bachelor's degree	101340	3634172.7	13.4%
10	University certificate or diploma above bachelor level	16745	583231.1	2.2%
11	Degree in medicine, dentistry, veterinary medicine or optometry	4015	139583.7	0.5%
12	Master's degree	30785	1084945.0	4.0%
13	Earned doctorate degree	5453	191594.8	0.7%
88	Not available	4068	144835.7	
99	Not applicable (< 15 years)	152240	5595954.6	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

HHINC: Income: Household total income groups

Information	[Type= discrete] [Format=numeric] [Range= 1-88] [Missing=*/88]
Statistics [NW/ W]	[Valid=886302 / 32826677.083] [Invalid=710 / 25645.916]
Definition	The total income of a household is the sum of the total incomes of all members of that household.
Universe	Reported for: Persons in private households

Value	Label	Cases	Weighted	Percentage (Weighted)
1	Under $2,000	10147	373685.6	1.1%
2	$2,000 to $4,999	5283	195491.6	0.6%
3	$5,000 to $6,999	4042	154345.9	0.5%
4	$7,000 to $9,999	8272	308317.7	0.9%
5	$10,000 to $11,999	7223	273422.7	0.8%
6	$12,000 to $14,999	11358	434909.6	1.3%
7	$15,000 to $16,999	9771	378606.3	1.2%
8	$17,000 to $19,999	16339	627172.5	1.9%
9	$20,000 to $24,999	25028	963098.8	2.9%
10	$25,000 to $29,999	29110	1147418.3	3.5%
11	$30,000 to $34,999	31505	1230741.0	3.7%
12	$35,000 to $39,999	33387	1283789.7	3.9%
13	$40,000 to $44,999	34262	1314842.0	4.0%

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HHINC: Income: Household total income groups

Value	Label	Cases	Weighted	Percentage (Weighted)
14	$45,000 to $49,999	34973	1322443.6	4.0%
15	$50,000 to $54,999	34728	1313323.7	4.0%
16	$55,000 to $59,999	33572	1269086.0	3.9%
17	$60,000 to $64,999	33112	1233950.5	3.8%
18	$65,000 to $69,999	32349	1211142.2	3.7%
19	$70,000 to $74,999	31932	1189320.8	3.6%
20	$75,000 to $79,999	30954	1149929.6	3.5%
21	$80,000 to $84,999	30164	1117388.9	3.4%
22	$85,000 to $89,999	28249	1040802.6	3.2%
23	$90,000 to $94,999	27484	1013118.0	3.1%
24	$95,000 to $99,999	25627	939529.5	2.9%
25	$100,000 to $109,999	48054	1751900.4	5.3%
26	$110,000 to $119,999	40440	1471232.0	4.5%
27	$120,000 to $129,999	34557	1246541.4	3.8%
28	$130,000 to $139,999	30413	1093004.5	3.3%
29	$140,000 to $149,999	25520	909531.4	2.8%
30	$150,000 to $174,999	48159	1710596.5	5.2%
31	$175,000 to $199,999	29581	1043495.5	3.2%
32	$200,000 to $249,999	29507	1033987.6	3.1%
33	$250,000 and over	31200	1080510.6	3.3%
88	Not available	710	25645.9	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

LOC_ST_RES: Education: Location of study compared with province or territory of residence

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*/9]
Statistics [NW/ W]	[Valid=734772 / 27256368.362] [Invalid=152240 / 5595954.638]
Definition	This is a summary variable that indicates whether the 'Location of study' of the person's highest certificate, diploma or degree was the same province or territory where the person lived in at the time of the 2011 National Household Survey, a different Canadian province or territory or outside Canada.
Universe	Reported for: Persons in private households aged 15 years and over with a postsecondary certificate, diploma or degree
Notes	This variable is derived from 'Location of study' and province or territory of current residence. It applies to the population aged 15 years and over in private households, with a postsecondary certificate, diploma or degree. Data quality note: Users should be aware that some respondents may have reported the physical location of study rather than the location of the certificate, diploma or degree-granting institution. This could affect the responses of those who obtained a certificate, diploma or degree through a joint program or by distance learning with credentials granted in another province or country. In particular, a number of persons reported a location of study for a university credential in one of the territories (Yukon, Northwest Territories, Nunavut), even though there were no educational institutions in the territories with the authority to grant university degrees. For any other comments on data quality for this variable or 'Location of study', refer to the Education Reference Guide, National Household Survey, 2011.

Value	Label	Cases	Weighted	Percentage (Weighted)
1	Same as province or territory of residence	298566	10939022.4	40.1%
2	Another province or territory	40462	1478095.3	5.4%
3	Outside Canada	67347	2403322.3	8.8%
4	No postsecondary certificate, diploma or degree	328397	12435928.4	45.6%
9	Not applicable	152240	5595954.6	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

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PR: Province or territory of current residence (2011)

Information	[Type= discrete] [Format=numeric] [Range= 10-60] [Missing=*]
Statistics [NW/ W]	[Valid=887012 / 32852322.999] [Invalid=0 / 0]
Definition	Refers to the province or territory of current residence (on May 10, 2011).
Universe	Reported for: Persons in private households

Value	Label	Cases	Weighted	Percentage (Weighted)
10	Newfoundland and Labrador	12771	507571.3	1.5%
11	Prince Edward Island	3473	140498.4	0.4%
12	Nova Scotia	23308	910649.6	2.8%
13	New Brunswick	18921	734410.5	2.2%
24	Quebec	213389	7738488.1	23.6%
35	Ontario	341253	12631646.5	38.4%
46	Manitoba	31750	1172277.1	3.6%
47	Saskatchewan	26055	1003874.1	3.1%
48	Alberta	95344	3575277.5	10.9%
59	British Columbia	117592	4332077.7	13.2%
60	Northern Canada	3156	105552.4	0.3%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

SEX: Sex

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=887012 / 32852322.999] [Invalid=0 / 0]
Definition	Sex
Universe	Reported for: Persons in private households

Value	Label	Cases	Weighted	Percentage (Weighted)
1	Female	451596	16706775.0	50.9%
2	Male	435416	16145548.0	49.1%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

SSGRAD: Education: Secondary (high) school diploma or equivalent

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*/88/99]
Statistics [NW/ W]	[Valid=730704 / 27111532.639] [Invalid=156308 / 5740790.36]
Definition	This variable refers to whether or not persons aged 15 years and over in private households have completed a secondary school or high school diploma, graduation certificate or its equivalent.
Universe	Reported for: Persons in private households aged 15 years and over
Notes	This variable also indicates whether other educational qualifications are held or not. Examples of high school equivalency certificates are General Educational Development (GED) and Adult Basic Education (ABE). Data quality note: Data users should note that some respondents may not have reported their educational credentials correctly. Analysis of the trades and college categories suggests that some respondents reported their trades certificates as college certificates, or reported them in both the trades and college questions. As well, respondents may not have consistently interpreted the time periods in the college question. Comparisons with other data sources suggest that the category 'University certificate or diploma below the bachelor's level' was over-reported in the NHS. This category likely includes some responses that are actually college certificates or diplomas, bachelor's degrees or other types of education (e.g., university transfer programs, bachelor's programs completed in other countries, incomplete bachelor's programs, non-university professional designations). We recommend users interpret the results for the 'University certificate or diploma below the bachelor's level' category with caution. For any other comments on data quality for this variable, refer to the Education Reference Guide, National Household Survey, 2011.

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SSGRAD: Education: Secondary (high) school diploma or equivalent

Value	Label	Cases	Weighted	Percentage (Weighted)
1	No high school diploma or equivalency certificate, without further completed schooling	142945	5472911.0	20.2%
2	No high school diploma or equivalency certificate, with registered apprenticeship or other trade certificate	15423	594009.3	2.2%
3	No high school diploma or equivalency certificate, with college, CEGEP or other non-university certificate	4423	169223.0	0.6%
4	With high school diploma or equivalency certificate, without further completed schooling	185257	6955713.2	25.7%
5	With high school diploma or equivalency certificate, with registered apprenticeship or other trade certificate	61851	2331116.7	8.6%
6	With high school diploma or equivalency certificate, with college, CEGEP or other non-university certificate	129459	4774951.4	17.6%
7	With high school diploma or equivalency certificate, with university certificate below bachelor	33008	1180080.7	4.4%
8	With high school diploma or equivalency certificate, with bachelor's degree	101340	3634172.7	13.4%
9	With high school diploma or equivalency certificate, with university certificate above bachelor	16745	583231.1	2.2%
10	With high school diploma or equivalency certificate, with degree in medicine, dentistry, veterinary medicine or optometry	4015	139583.7	0.5%
11	With high school diploma or equivalency certificate, with master's degree	30785	1084945.0	4.0%
12	With high school diploma or equivalency certificate, with earned doctorate degree	5453	191594.8	0.7%
88	Not available	4068	144835.7	
99	Not applicable (< 15 years)	152240	5595954.6	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

TENUR: Tenure

Information	[Type= discrete] [Format=numeric] [Range= 1-8] [Missing=*/8]
Statistics [NW/ W]	[Valid=879819 / 32591736.16] [Invalid=7193 / 260586.84]
Definition	Refers to whether some member of the household owns or rents the dwelling.
Universe	Reported for: Persons in private households
Notes	Data quality note – The 2011 National Household Survey (NHS) estimate for homeownership in Alberta was statistically higher than the comparable rate in the 2010 Survey of Labour Income Dynamics (SLID). The 2011 NHS estimate of the homeownership rate for other provinces and for Canada was not statistically different when compared to the 2010 SLID. For more information, please consult the Housing Reference Guide, National Household Survey, Catalogue no. 99-014-X2011007.

Value	Label	Cases	Weighted	Percentage (Weighted)
1	Owned by a member of the household	662912	24326529.1	74.6%
2	Rented or Band housing	216907	8265207.1	25.4%
8	Not available	7193	260586.8	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

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TOTINC: Income: Total income

Information	[Type= discrete] [Format=numeric] [Range= -50000-9999999] [Missing=*/8888888/9999999]
Statistics [NW/ W]	[Valid=734079 / 27231425.251] [Invalid=152933 / 5620897.749] [Mean=40341.611 / 39738.325] [StdDev=56480.622 / 55266.645]
Definition	Refers to the total money income received from the following sources during the calendar year 2010 by persons 15 years of age and over: wages and salaries (total); net farm self-employment income; net non-farm income from unincorporated business and/or professional practice; child benefits; Old Age Security pension and Guaranteed Income Supplement; benefits from Canada or Quebec Pension Plan; benefits from Employment Insurance; other income from government sources; dividends and interest on bonds, deposits, savings certificates and other investment income; retirement pensions, superannuation and annuities, including those from RRSPs and RRIFs; other money income.
Universe	Reported for: Persons in private households aged 15 years and over The value 8,888,888 stands for not available. The value 9,999,999 stands for not applicable and is applied to all persons aged less than 15 years. Otherwise, this variable could be positive, negative or zero and is a rounded value of the amount received by the individual in 2010. Values that would have been rounded to zero have been replaced by 1. In some cases, high values have been top coded and low values have been bottom coded in this file.
Notes	Net capital gains and losses are not included in this definition.

Value	Label	Cases	Weighted	Percentage (Weighted)
-50000		27	941.2	0.0%
-49000		2	64.8	0.0%
-46000		1	32.4	0.0%
-45000		1	32.4	0.0%
-43000		1	32.4	0.0%
-42000		1	32.4	0.0%
-41000		3	97.2	0.0%
-38000		1	32.4	0.0%
-37000		2	64.8	0.0%
-36000		5	275.5	0.0%
-35000		3	97.2	0.0%
-34000		2	64.8	0.0%
-33000		3	97.2	0.0%
-32000		1	32.4	0.0%
-31000		4	129.6	0.0%
-30000		28	971.5	0.0%
-29000		6	194.4	0.0%
-28000		6	382.0	0.0%
-27000		7	226.8	0.0%
-26000		9	291.5	0.0%
-25000		5	162.0	0.0%
-24000		9	291.5	0.0%
-23000		3	97.2	0.0%
-22000		5	181.4	0.0%
-21000		6	369.1	0.0%
-20000		7	226.8	0.0%
-19000		16	721.9	0.0%
-18000		13	421.1	0.0%
-17000		14	453.5	0.0%
-16000		15	735.1	0.0%
-15000		8	346.4	0.0%

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TOTINC: Income: Total income

Value	Label	Cases	Weighted	Percentage (Weighted)
-14000		13	636.8	0.0%
-13000		24	844.5	0.0%
-12000		15	614.1	0.0%
-11000		36	1384.6	0.0%
-10000		39	1407.4	0.0%
-9000		34	1128.1	0.0%
-8000		52	1947.6	0.0%
-7000		50	1807.5	0.0%
-6000		65	2393.2	0.0%
-5000		58	2488.3	0.0%
-4000		111	3919.0	0.0%
-3000		152	5779.7	0.0%
-2000		152	5785.7	0.0%
-1000		219	8445.3	0.0%
-1		169	5825.2	0.0%
0		35952	1328740.4	4.9%
1		12998	472987.7	1.7%
1000		21655	786458.8	2.9%
2000		11409	413606.0	1.5%
3000		9744	357183.5	1.3%
4000		8902	322193.3	1.2%
5000		9205	337805.6	1.2%
6000		9647	359137.3	1.3%
7000		10233	382369.8	1.4%
8000		10487	390251.4	1.4%
9000		10686	401932.7	1.5%
10000		11771	443072.8	1.6%
11000		13369	502784.6	1.8%
12000		12246	461438.0	1.7%
13000		12022	452579.4	1.7%
14000		12342	470940.4	1.7%
15000		13719	521503.7	1.9%
16000		13088	493441.4	1.8%
17000		13607	516664.8	1.9%
18000		12868	484386.6	1.8%
19000		11998	460423.0	1.7%
20000		11795	445653.0	1.6%
21000		11415	434313.1	1.6%
22000		10640	400537.8	1.5%
23000		10010	377633.3	1.4%
24000		9481	357657.7	1.3%
25000		9495	359809.5	1.3%
26000		9390	354206.2	1.3%

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TOTINC: Income: Total income

Value	Label	Cases	Weighted	Percentage (Weighted)
27000		8846	334344.4	1.2%
28000		8642	321925.3	1.2%
29000		8556	324100.3	1.2%
30000		9210	347708.8	1.3%
31000		9020	342815.0	1.3%
32000		8797	330377.8	1.2%
33000		8380	315803.1	1.2%
34000		8385	313858.5	1.2%
35000		8785	327911.1	1.2%
36000		8816	329906.0	1.2%
37000		8473	316610.2	1.2%
38000		8231	310298.0	1.1%
39000		7904	295225.2	1.1%
40000		8737	323047.0	1.2%
41000		7823	291952.8	1.1%
42000		7576	281823.6	1.0%
43000		7305	273277.5	1.0%
44000		6845	254082.4	0.9%
45000		7282	273818.1	1.0%
46000		6792	250650.0	0.9%
47000		6404	237426.6	0.9%
48000		6278	233000.1	0.9%
49000		5927	219195.6	0.8%
50000		6780	254096.4	0.9%
51000		5754	214487.6	0.8%
52000		5802	214443.8	0.8%
53000		5225	192419.7	0.7%
54000		5150	191876.7	0.7%
55000		5434	200270.9	0.7%
56000		5055	184606.0	0.7%
57000		4734	171851.6	0.6%
58000		4510	165729.3	0.6%
59000		4371	160372.6	0.6%
60000		5045	185896.4	0.7%
61000		4307	157063.5	0.6%
62000		4157	152500.4	0.6%
63000		3929	142284.1	0.5%
64000		3759	136887.1	0.5%
65000		4071	148481.5	0.5%
66000		3634	132389.0	0.5%
67000		3356	121873.7	0.4%
68000		3396	121948.7	0.4%
69000		3140	115962.0	0.4%

File : NHS-99-004-XWE-E-2011-pumf-individuals_F1

TOTINC: Income: Total income

Value	Label	Cases	Weighted	Percentage (Weighted)
70000		3658	134373.0	0.5%
71000		3170	114566.4	0.4%
72000		3144	113178.3	0.4%
73000		2949	106109.9	0.4%
74000		2754	98824.5	0.4%
75000		2994	106748.4	0.4%
76000		2731	99969.9	0.4%
77000		2487	92580.7	0.3%
78000		2410	86287.8	0.3%
79000		2331	84896.5	0.3%
80000		2799	100562.1	0.4%
81000		2366	86982.5	0.3%
82000		2285	82892.8	0.3%
83000		2107	75349.9	0.3%
84000		2089	76069.6	0.3%
85000		2197	78851.9	0.3%
86000		1971	71389.5	0.3%
87000		1922	69225.2	0.3%
88000		1762	63603.4	0.2%
89000		1828	67408.2	0.2%
90000		2026	73033.3	0.3%
91000		1882	67510.9	0.2%
92000		1689	60919.4	0.2%
93000		1506	53696.2	0.2%
94000		1320	47659.5	0.2%
95000		1413	50999.8	0.2%
96000		1322	47864.5	0.2%
97000		1192	42481.7	0.2%
98000		1149	42037.2	0.2%
99000		1162	41227.5	0.2%
100000		5817	208215.8	0.8%
110000		7316	261191.6	1.0%
120000		5103	183150.3	0.7%
130000		3322	118282.4	0.4%
134429		99	3585.8	0.0%
139956		88	2987.3	0.0%
140000		2346	83029.7	0.3%
140608		22	712.7	0.0%
142135		109	4136.0	0.0%
142824		88	3223.9	0.0%
148716		456	16455.5	0.1%
150000		1836	65083.0	0.2%
151565		81	2966.8	0.0%

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TOTINC: Income: Total income

Value	Label	Cases	Weighted	Percentage (Weighted)
160000		1304	45530.2	0.2%
160560		107	3787.0	0.0%
161450		79	2651.7	0.0%
163563		496	18132.6	0.1%
165674		55	1965.5	0.0%
166403		47	1723.6	0.0%
167610		255	9055.4	0.0%
170000		923	32930.7	0.1%
172929		64	2141.8	0.0%
174356		188	6552.5	0.0%
175798		68	2333.9	0.0%
176179		103	3502.5	0.0%
180000		696	24592.4	0.1%
181901		117	3929.0	0.0%
185430		84	2784.7	0.0%
188120		72	2660.9	0.0%
190000		511	18084.1	0.1%
193976		72	2508.4	0.0%
196665		57	1888.0	0.0%
200000		429	14821.3	0.1%
201360		72	2753.6	0.0%
210000		349	12331.9	0.0%
210140		91	3353.2	0.0%
212286		665	22755.1	0.1%
212728		244	9111.2	0.0%
214520		67	2269.3	0.0%
216540		86	3397.7	0.0%
220000		255	8980.4	0.0%
220172		11	356.3	0.0%
223241		145	4949.0	0.0%
227140		223	7572.7	0.0%
230000		211	7151.2	0.0%
235725		479	16984.6	0.1%
240000		143	5157.3	0.0%
243532		521	18915.9	0.1%
246773		97	3249.7	0.0%
250000		138	4659.2	0.0%
256046		82	3366.5	0.0%
260000		94	3168.9	0.0%
266659		233	8110.9	0.0%
270000		69	2337.9	0.0%
277952		60	2162.6	0.0%
279828		97	3787.7	0.0%

File : NHS-99-004-XWE-E-2011-pumf-individuals_F1

 # TOTINC: Income: Total income

Value	Label	Cases	Weighted	Percentage (Weighted)
280000		76	2711.7	0.0%
284954		26	974.2	0.0%
290000		56	1953.0	0.0%
292198		76	3019.3	0.0%
293350		13	421.1	0.0%
294550		239	8859.0	0.0%
295031		65	2205.5	0.0%
300000		62	2100.4	0.0%
304232		486	17350.7	0.1%
305297		71	2478.2	0.0%
308727		926	32215.0	0.1%
309258		84	2967.9	0.0%
310000		40	1523.6	0.0%
315878		61	2217.7	0.0%
320000		40	1328.0	0.0%
330000		35	1133.8	0.0%
336116		54	1749.3	0.0%
340000		9	291.5	0.0%
340788		49	1605.6	0.0%
345828		135	4733.2	0.0%
350000		14	493.7	0.0%
354518		52	1733.3	0.0%
356809		75	2766.2	0.0%
360000		9	301.9	0.0%
364265		74	2694.8	0.0%
370000		9	291.5	0.0%
373775		216	7536.2	0.0%
374572		62	2346.6	0.0%
380000		5	162.0	0.0%
388660		72	2608.6	0.0%
390000		5	162.0	0.0%
398288		132	4619.7	0.0%
400000		6	206.2	0.0%
410000		5	162.0	0.0%
420000		7	226.8	0.0%
426632		85	2940.4	0.0%
430000		5	162.0	0.0%
440000		1	32.4	0.0%
440854		79	2792.3	0.0%
460000		3	97.2	0.0%
484692		636	21714.0	0.1%
487998		176	6088.2	0.0%
497102		64	2171.2	0.0%

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TOTINC: Income: Total income

Value	Label	Cases	Weighted	Percentage (Weighted)
498694		83	2720.7	0.0%
501643		212	8331.1	0.0%
515187		123	4301.2	0.0%
594256		180	6402.4	0.0%
602089		401	14004.8	0.1%
769923		821	28592.4	0.1%
1124045		207	7329.1	0.0%
8888888		693	24943.1	
9999999		152240	5595954.6	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

WEIGHT: Individuals weighting factor

Information	[Type= discrete] [Format=numeric] [Range= 32.3936111609697-460.609990030927] [Missing=*]
Statistics [NW/ W]	[Valid=887012 /-] [Invalid=0 /-] [Mean=37.037 /-] [StdDev=19.176 /-]
Definition	Individuals weighting factor