

NATIONAL POPULATION HEALTH SURVEY
FOOD INSECURITY SUPPLEMENT
1998 - 1999

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1. Introduction

In recent years, in Canada and world-wide, despite continued investment in economic and social policies, significant social issues such as homelessness and a lack of food have re-appeared. These problems are particularly vexing for countries such as Canada which have sufficient food and housing stocks.

Human Resources Development Canada is sponsoring the Food Insecurity Supplement to the National Population Health Survey (NPHS). The supplement will provide national information which will be used to understand the characteristics of those who are not food secure, to analyse how a lack of food security affects families in Canada and to recommend ways to help improve the situation. The survey will collect information in the following areas:

- problems people have shopping for food
- actions people take to stretch food money
- problems people have feeding their families
- expenditures on housing

The results of the supplement will be used in several federal government initiatives. Canada has obligations under agreements made at the Food Summit to prepare an action plan for food security as well as a Nutrition Plan for Action.

The NPHS is a national longitudinal health survey which began in 1994-1995. In all provinces except Quebec, the NPHS sample was drawn using the Labour Force Survey frame and design. In Quebec, the NPHS sample was based on Households who participated in the Enquête sociale et de santé 1992-1993(ESS). In 1998-1999, sample top-ups were included in order to improve cross-sectional representation. The sample top-ups included a return to the dwellings of 1994-1995 non-respondents and samples selected from the Labour Force Survey of children born since 1994 and of immigrants arrived since 1994.

The Food Insecurity Supplement consists of the selected respondent who was identified in the NPHS in 1998-1999 as *living in a food insecure household* based on the 1998-1999 NPHS. For purposes of the supplement, a *food insecure Household* is defined as one in which the respondent of the general questionnaire, H05, answered positively to at least one of the following screening questions in the third cycle of the NPHS survey :

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In the past 12 months, did you or anyone in your household:

- FIC8_1 ... worry that there would not be enough to eat because of a lack of money?
- FIC8_2 ... not have enough food to eat because of a lack of money?
- FIC8_3 ... not eat the quality or variety of foods that you wanted because of a lack of money?

The sample size will allow for estimates to be calculated at the national level but does not lend itself to much analysis at the provincial level. It is also important to mention that estimates by age group will only be possible if the number of observations in these groups is sufficiently large.

The Food Insecurity Survey is being conducted as a supplement to the 1998-1999 Cycle 3 NPHS Household Component survey, **following the fourth quarter of NPHS collection**. The full sample of records from all five quarters of Household collection amounted to 1870 records. But because this supplement was to start after the fourth quarter of Household collection, the sample size at that time was 1841 records. The 29 records that answered positively to at least one of the food insecurity questions in quarter 5 were pre-coded as non-respondents so that the creation of the share weight could be based on the same population as was used for the NPHS Household component. In the sample of 1841 records, 8 answered in the main Household survey that they did not want to be contacted for the supplement and 24 answered that we had no permission to phone them for the supplement. These 32 records were excluded at this point and pre-coded as non-respondents. That reduced the sample entering the computer assisted telephone interviewing (CATI) system to 1809 persons. Collection commenced on May 10, 1999 and finished July 10, 1999. Data were collected centrally by telephone operation at Statistics Canada's head office in Ottawa and personal interviews were not an option.

Once the supplement collection was finished, there were 1309 complete responses, 4 partial responses and 8 respondents who were deceased, for an overall response rate of 70.6%. In matching the complete responses on the supplement file to the final 1998-1999 Cycle 3 NPHS health master file, from the Household component, a further 13 records were discovered to not be on the health file because the selected respondent for the NPHS either refused to answer the main survey or was determined to be out of scope. [The corresponding 13 records were determined to be out of scope for the supplement and were stripped from the supplement file which left 1296 records.] A respondent was considered eligible for sharing only if he/she answered positively to both the share question on the supplement as well as the share question on the NPHS Household data collection for the selected respondent. Of the 1296 complete responses, 31 respondents disagreed to share their data either in one or both surveys which led to a share rate of 97.6%. This left 1265 records on the food insecurity share master file that have a complementary record on the health share master file for analytical purposes. The non-sharers are considered as non-response for the calculation of share weights.

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The following table provides the status and response rate by province for the file after the collection period.

Sample size¹ by province

PROVINCE	SAMPLE SIZE	RESPONSES²	RESPONSE RATE (%)
Newfoundland	145	114	78.6
Prince Edward Island	85	52	61.2
Nova Scotia	142	108	76.1
New Brunswick	91	70	76.9
Quebec	313	229	73.2
Ontario	472	317	67.2
Manitoba	127	95	74.8
Saskatchewan	124	86	69.4
Alberta	167	111	66.5
British Columbia	202	137	67.8
Out of Scope	2	2	***
TOTAL	1870	1321	70.6

¹Number of Households who answered yes to one of the screening questions in the Food Insecurity section during the 1998-1999 Cycle 3 NPHS Household Component survey collection.

²The number of responses includes the partial responses and the respondents who were deceased.

2. Data Quality

The survey produces estimates based on information collected from and about a sample of individuals. Somewhat different estimates might have been obtained if a complete census had been taken using the same questionnaire, interviewers, supervisors, processing methods, etc. as those actually used in the survey. The difference between the estimates obtained from the sample and those resulting from a complete count taken under similar conditions is called the sampling error of the estimate.

Since it is an unavoidable fact that estimates from a sample survey are subject to sampling error, sound statistical practice calls for researchers to provide users with some indication of the magnitude of this sampling error. This section of the documentation outlines the measures of sampling error which Statistics Canada commonly uses and which it urges users producing estimates from this file to use also.

The basis for measuring the potential size of sampling errors is the standard error of the estimates derived from survey results. However, because of the large variety of estimates that can be produced from a survey, the standard error of an estimate is usually expressed relative to the estimate to which it pertains. This resulting measure, known as the coefficient of variation (C.V.) of an estimate, is obtained by dividing the standard error of the estimate by the estimate itself and is expressed as a percentage of the estimate.

For example, suppose that, based upon the survey results, one estimates that approximately 57% (0.5661) of Canadians who are identified as *food insecure*, use coupons or return bottles, when there is not enough money for food and that the estimate is found to have standard error of 0.0180. Then the coefficient of variation (C.V.) of the estimate is calculated as :

$$\frac{0.0180}{0.5661} \times 100\% = 3.18\%$$

Errors which are not related to sampling may occur at almost every phase of a survey operation. Interviewers may misunderstand instructions, respondents may make errors in answering questions, the answers may be incorrectly entered on the questionnaire and errors may be introduced in the processing and tabulation of the data. These are all examples of non-sampling errors.

Over a large number of observations, randomly occurring errors will have little effect on estimates derived from the survey. However, errors occurring systematically will contribute to biases in the survey estimates. Considerable time and effort was made to reduce non-sampling errors in the survey. Quality assurance measures were implemented at each step of the data collection and processing cycle to monitor the quality of the data. These measures included the use of highly skilled interviewers, extensive training of interviewers with respect to the survey procedures and questionnaire, observation of interviewers to detect

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problems with the CAI questionnaire or with the understanding of instructions and procedures to ensure that data collection errors were minimized.

A major source of non-sampling errors in surveys is the effect of non-response on the survey results. The extent of non-response varies from partial non-response (failure to answer just one or some questions) to total non-response. In the case of the Food Insecurity Supplement, partial non-response was basically non-existent (only 4 cases); once the questionnaire was started, it tended to be fully completed due to the very short interview time. Total non-response occurred because the interviewer was either unable to contact the respondent, no member of the Household was able to provide the information, or the respondent refused to participate in the survey. Total non-response was handled by adjusting the weight of persons who responded to the survey to compensate for those who did not respond.

3. Guidelines For Tabulation, Analysis And Release

This section of the documentation outlines the guidelines to be adhered to by users tabulating, analysing, publishing or otherwise releasing any data derived from the survey files. With the aid of these guidelines, users should be able to produce figures that are in close agreement with those produced by Statistics Canada and, at the same time, will be able to develop currently unpublished figures in a manner consistent with these established guidelines.

3.1 Rounding Guidelines

In order that estimates for publication or other release derived from these files correspond to those produced by Statistics Canada, users are urged to adhere to the following guidelines regarding the rounding of such estimates:

- a) Estimates in the main body of a statistical table are to be rounded to the nearest hundred units using the standard rounding technique. In standard rounding, if the first or only digit to be dropped is 0 to 4, the last digit to be retained is not changed. If the first or only digit to be dropped is 5 to 9, the last digit to be retained is raised by one. For example, in standard rounding to the nearest 100, if the last two digits are between 00 and 49, they are changed to 00 and the preceding digit (the hundreds digit) is left unchanged. If the last digits are between 50 and 99 they are changed to 00 and the preceding digit is incremented by 1.
- b) Marginal sub-totals and totals in statistical tables are to be derived from their corresponding un-rounded components and then are to be rounded themselves to the nearest 100 units using standard rounding.
- c) Averages, proportions, rates and percentages are to be computed from un-rounded components (i.e. numerators and/or denominators) and then are to be rounded themselves to one decimal using standard rounding. In standard rounding to a single digit, if the final or only digit to be dropped is 0 to 4, the last digit to be retained is not changed. If the first or only digit to be dropped is 5 to 9, the last digit to be retained is increased by 1.
- d) Sums and differences of aggregates (or ratios) are to be derived from their corresponding un-rounded components and then are to be rounded themselves to the nearest 100 units (or the nearest one decimal) using standard rounding.

- e) In instances where, due to technical or other limitations, a rounding technique other than standard rounding is used resulting in estimates to be published or otherwise released which differ from corresponding estimates published by Statistics Canada, users are urged to note the reason for such differences in the publication or release document(s).
- f) Under no circumstances are un-rounded estimates to be published or otherwise released by users. Un-rounded estimates imply greater precision than actually exists.

3.2 Sample Weighting Guidelines for Tabulation

The sample design used for the NPHS and hence for the Food Insecurity Supplement is not self-weighting. That is to say, the sampling weights are not identical for all individuals in the sample. When producing simple estimates, including the production of ordinary statistical tables, users must apply the proper sampling weight.

If proper weights are not used, the estimates derived from the files cannot be considered to be representative of the Canadian Household population, and will not correspond to those produced by Statistics Canada.

Users should also note that some software packages may not allow the generation of estimates that exactly match those available from Statistics Canada, because of their treatment of the weight field.

3.2.1 Definitions of Types of Estimates: Categorical vs. Quantitative

Before discussing how the data from the Food Insecurity Supplement can be tabulated and analysed, it is useful to describe the two main types of point estimates of population characteristics which can be generated from the files.

Categorical Estimates:

Categorical estimates are estimates of the number, or percentage of the surveyed population possessing certain characteristics or falling into some defined category. The number of individuals who had problems shopping for food in the last 12 months because the stores were too far away is an example of such an estimate. An estimate of the number of persons possessing a certain characteristic may also be referred to as an estimate of an aggregate.

Example of Categorical Question:

FIS8_11: In the past 12 months, did [fname] use a school meal program?

Include breakfast, lunch and after school programs.

Yes

No

Quantitative Estimates:

Quantitative estimates are estimates of totals or of means, medians and other measures of central tendency of quantities based upon some or all of the members of the surveyed population. They also specifically involve estimates of the form \hat{X} / \hat{Y} where \hat{X} is an estimate of surveyed population quantity total and \hat{Y} is an estimate of the number of persons in the surveyed population contributing to that total quantity.

An example of a quantitative estimate is the average monthly mortgage payment of homeowners. The numerator is an estimate of the total monthly mortgage payments of all homeowners that are currently making mortgage payments and the denominator is the total number of homeowners that are currently making a monthly mortgage payment.

Example of Quantitative Question:

FIS_19B: In the last 12 months, what were the Household expenditures for municipal taxes?

||| Amount

3.2.2 Tabulation of Categorical Estimates

Estimates of the number of people with a certain characteristic can be obtained from the file by summing the final weights of all records possessing the characteristic(s) of interest. Proportions and ratios of the form \hat{X} / \hat{Y} are obtained by:

- a) summing the final weights of records having the characteristic of interest for the numerator (\hat{X}),
- b) summing the final weights of records having the characteristic of interest for the denominator (\hat{Y}), then
- c) dividing the numerator estimate by the denominator estimate.

3.2.3 Tabulation of Quantitative Estimates

Estimates of quantities can be obtained from the file by multiplying the value of the variable of interest by the final weight for each record, then summing this quantity over all records of interest.

To obtain a weighted average of the form \hat{X} / \hat{Y} , the numerator (\hat{X}) is calculated as for a quantitative estimate and the denominator (\hat{Y}) is calculated as for a categorical estimate. For example, to estimate the average monthly mortgage payment of homeowners that are currently paying on a mortgage:

- a) estimate the total monthly mortgage payments for all homeowners who are currently paying a mortgage as described above,
- b) estimate the number of individuals who are currently making monthly mortgage payments, then
- c) divide estimate a) by estimate b).

3.3 Guidelines for Statistical Analysis

The NPHS is based upon a complex design, with stratification and multiple stages of selection, and unequal probabilities of selection of respondents. Using data from such complex surveys presents problems to analysts because the survey design and the selection probabilities affect the estimation and variance calculation procedures that should be used.

While many analysis procedures found in statistical packages allow weights to be used, the meaning or definition of the weight in these procedures differs from that which is appropriate in a sample survey framework, with the result that while in many cases the estimates produced by the packages are correct, the variances that are calculated are almost meaningless.

For many analysis techniques (for example linear regression, logistic regression, analysis of variance), a method exists that can make the application of standard packages more meaningful. If the weights on the records are re-scaled so that the average weight is one (1), then the results produced by the standard packages will be more reasonable; they still will not take into account the stratification and clustering of the sample's design, but they will take into account the unequal probabilities of selection. The re-scaling can be accomplished by using in the analysis a weight equal to the original weight divided by the average of the original weights for the sampled units (people) contributing to the estimator in question.

There are no C.V. tables produced for use by the Food Insecurity Supplement share master file, and the ones supplied with the *Household Public Use Microdata* files cannot be used. Instead, for variance calculations, a SAS bootstrap variance program has been created with accompanying documentation and examples on how to use it. It is important for users to learn how to use it as the program will generate the most precise estimates of individual variances to assess the quality of tabulated estimates and is highly recommended over the use of the scaled weights approach. Some statistical packages such as STATA have the ability to read in the stratum and cluster information to use in variance estimation which improves the quality of the estimate, however, they still do not take into account the post-stratification adjustments.

3.4 Release Guidelines

Before releasing and/or publishing any estimate from these files, users should first determine the number of sampled respondents who contribute to the calculation of the estimate. If this number is less than 30, the weighted estimate should not be released regardless of the value of the coefficient of variation for this estimate. For weighted estimates based on sample sizes of 30 or more, users should determine the coefficient of variation of the rounded estimate and follow the guidelines below.

Sampling Variability Guidelines

Reliability of Estimate	C.V. (in %)	Guidelines
1. Acceptable	0.0 - 16.5	Estimates can be considered for general unrestricted release. Requires no special notation.
2. Marginal	16.6 - 33.3	Estimates can be considered for general unrestricted release but should be accompanied by a warning cautioning subsequent users of the high sampling variability associated with the estimates. Such estimates should be identified by the letter M (or in some other similar fashion).
3. Unacceptable	greater than 33.3	Statistics Canada recommends not to release estimates of unacceptable quality. However, if the user chooses to do so then estimates should be flagged with the letter U (or in some other fashion) and the following warning should accompany the estimates: “The user is advised that . . .(specify the data) . . . do not meet Statistics Canada’s quality standards for this statistical program. Conclusions based on these data will be unreliable and most likely invalid. These data and any consequent findings should not be published. If the user chooses to publish these data or findings, then this disclaimer must be published with the data.”

4. Weighting

To analyse the Food Insecurity Supplement sample, one must use the weights provided. The resulting weight is used for the variables of the health, general and food insecurity questionnaires, which are administered to all persons selected for the Food Insecurity Supplement.

The Food Insecurity Supplement uses as a starting point the cross-sectional weights calculated for the NPHS Health Master file from the Household component. A description of the process for calculating these weights is found in the *1998/99 NPHS Public Use Microdata Documentation*. The following sections describe the adjustments that are made to the weight to produce weight WTF8_S, that is the weight for the Food Insecurity Supplement respondents who agreed to share the information.

4.1 Selected Person Weight

This weight is calculated for all Food Insecurity Supplement respondents who have agreed to share the information.

4.1.1 Basic Weight

The selected persons *living in a food insecure Household* according to the general questionnaire in the main survey were included in the sample for the Food Insecurity Supplement. The base weight for those individuals is therefore the cross-sectional selected person weight after the post-stratification.

4.1.2 Food Insecurity Non-response and Sharing Refusal Adjustment

In spite of his/her efforts, it is inevitable that the interviewer will not receive a response from certain people for the following reasons: refusal, special circumstances, language problem, temporarily absent or technical problem. Then, one compensates for non-response by proportionately adjusting the weighting factors of responding persons.

Moreover, Statistics Canada must obtain from respondents permission to provide the information collected to Human Resources Development Canada. This permission must be given for the information collected in the health questionnaire of the main survey and for the Food Insecurity Supplement. If the respondent refuses to give either permission, no information concerning that person is disclosed to Human Resources Development Canada. This holds true for respondents who have only partially answered the Food Insecurity Supplement because the question concerning the sharing of information was not asked of these persons. One must then adjust the weight of respondents who agree to

share their information to compensate for those who have refused.

Since the adjustment for non-response and the one for refusal to data sharing use the same approach and since the rate of respondents who have refused to share their data is low, that is 2.4%, the treatment is simultaneously done. To do this, one tries to create weighting classes which are defined such that non-response and sharing refusal occur almost completely at random within each class. In the aim to create these weighting classes, an analysis was first done to determine the characteristics of non-respondents and respondents who have refused to share their data by using the variables of both the health and general questionnaires. Afterwards, the adjustment is made as follows:

$$\frac{\text{sum of weights of selected persons in the Supplement for the weighting class}}{\text{sum of weights of respondents to the Supplement who have agreed to share for the weighting class}}$$

The persons who were established as being out-of-scope for the survey are not considered in the weighting process.

4.1.3 Provincial Adjustment

Given that the weighting classes previously created did not take the geographic location into account, the provincial distribution of the population *in food insecurity* has been affected. To resolve the situation, an additional adjustment is made at the provincial level. This adjustment ensures that the sum of final weights by province are equal to the sum of weights of selected persons *living in a food insecure Household* according to the NPHS Health share master file (WT68_S) by province. The adjustment is thus made as follows:

$$\frac{\text{sum of weights of respondents to the Supplement who have agreed to the share for the province}}{\text{sum of weights of selected persons in the Supplement who have agreed to share on the NPHS Health Master file for the province}}$$

The final weight WTF8_S is obtained by multiplying the base weight by each of the adjustment factors described above. This weight must be used for analysis on people *living in a food insecure Household* and that even if these analysis are made by means of variables on health and general questionnaires. Reminder that under no circumstances are un-rounded estimates to be published or otherwise released by users. Un-rounded estimates imply greater precision than actually exists.

5. Bootstrap Variance Estimation

5.1 Bootstrap Resampling Method

Due to the complexity of the sample design, a resampling technique is used to calculate estimates of the variance. For NPHS as well as the Food Insecurity Supplement, the bootstrap resampling method is used.

This technique involves dividing the records on the microdata files into subgroups (or replicates) and determining the variation in the estimates from replicate to replicate. The replicates are formed in the following manner: within each stratum, a simple random sample (SRS) is taken, with replacement, of (n-1) of the n clusters in that stratum. For each SRS sample, we recalculate the survey weight for each record in that stratum. This recalculated weight is the first bootstrap weight. We then repeat the process B times (B=2,000 for the Food Insecurity Supplement), forming a set of B bootstrap weights for each record on the sample file.

5.2 Bootstrap Weights for the Food Insecurity Supplement

A file (FI_BTWTS) containing 2,000 bootstrap weights has been created and should be used with the Food Insecurity supplement data file (FI). These weights must be used to calculate an estimation of the variance for a given estimate. For example, if one wants to calculate an estimate for a total, one must:

- a) First calculate an estimation of the total using the final weight (WTF8_S).
- b) Then calculate an estimation of the total needed using each of the 2,000 bootstrap weights as the weighting factor. This gives 2,000 estimates of the total needed.
- c) Finally, calculate the variance between those 2,000 estimates. This variance is an estimate of the variance of the total calculated in a).

5.3 Program BOOTVAR.SAS

The SAS program BOOTVAR.SAS adapted for the Food Insecurity supplement is given with the data files as an example of a program to calculate an estimate of the variance. Users may use this program or they can create their own program. A copy of the program conceived for the core survey of NPHS and the directives concerning its use are presented in the file called “BTDOCENG.WPD” that is included with the share health master file.

5.4 Estimation examples produced with the bootstrap weights

The following table presents some estimations of the *food insecure* provincial population as produced using the program BOOTVAR.SAS using the 2,000 bootstrap weights and the Food Insecurity supplement file:

Provincial estimations of the <i>food insecure</i> population						
Province	Statistics produced according to a series of 2000 bootstrap weights and the Food Insecurity Supplement file					
	Total	Variance	Standard Error	Coefficient of variation (%)	Confidence Interval at 95 %	
					Lower bound	Upper bound
Newfoundland	79,171	62,755,878.69	7,921.86	10.01	63,644	94,698
Prince Edward	11,829	2,531,464.53	1,591.06	13.45	8,710	14,947
Nova Scotia	122,055	195,012,026.36	13,964.67	11.44	94,685	149,426
New Brunswick	61,220	60,831,766.59	7,799.47	12.74	45,933	76,507
Quebec	695,684	2,711,297,467.83	52,070.12	7.48	593,626	797,741
Ontario	1,093,062	4,189,176,201.42	64,723.85	5.92	966,204	1,219,921
Manitoba	119,334	161,374,362.73	12,703.32	10.65	94,435	144,232
Saskatchewan	105,694	165,633,672.05	12,869.87	12.18	80,469	130,919
Alberta	273,489	818,725,802.07	28,613.39	10.46	217,406	329,571
British	452,967	1,153,559,869.87	3,3964.1	7.5	386,397	519,537
Canada	3,014,505	9,609,218,751.47	98026.62	3.25	2,822,373	3,206,637

6. Use of Data

The share master file of the 1998-1999 Food Insecurity Supplement contains only those variables collected from the supplemental survey along with the generated weight, WTF8_S. To combine it with variables from the 1998-1999 Cycle 3 NPHS Household Component share master file, it is necessary to match on the key variables REALUKEY and PERSONID and generate a composite file of 1265 records for analysis purposes using WTF8_S.

N.B. Under no circumstances is this composite file to be used to obtain estimates of the general population. Instead, the 1998-1999 Cycle 3 NPHS Household Component share master file should be used for those purposes.

It is possible to calculate prevalence estimates at the post-strata level used to do the post-stratification for the Food Insecurity Supplement, that is at the provincial level. The population sizes for those post-strata are presented in table 6.1. These sample sizes should be used as the denominators for prevalence estimates.

For example, to calculate the prevalence of people who reported living in a *food insecure Household* in Canada by answering "yes" to at least one of the three filter questions in the Household survey, one first calculates the number of persons living in a *food insecure Household* in Canada by summing the weight of all records in the supplement. This total is 3,014,550. To obtain the prevalence as a percentage, take the total population of Canada, 29,524,264, found in table 6.1. We then obtain the prevalence of food insecurity in Canada as $(3,014,550/29,524,264)*100=10.1\%$.

Table 6.1 Population sizes by post-strata

Province	Age Group					Total
	0-11	12-24	25-44	45-64	65 +	
Newfoundland	75,435	106,788	170,869	127,069	57,890	538,051
Prince Edward	21,925	25,649	40,289	30,421	16,731	135,015
Nova Scotia	136,267	161,571	282,622	213,285	116,371	910,116
New	107,320	133,327	231,515	171,001	91,054	734,217
Quebec	1,060,903	1,235,082	2,301,255	1,721,874	838,853	7,157,967
Ontario	1,801,322	1,937,144	3,678,226	2,506,080	1,338,919	3,206,287
Manitoba	175,882	192,885	325,064	231,790	143,838	1,069,459
Saskatchewan	164,808	190,056	282,325	196,737	137,141	971,067
Alberta	486,463	547,215	962,908	581,905	267,539	2,846,030
British	577,812	673,357	1,273,176	897,029	479,277	3,900,651
Canada	4,608,137	5,203,074	9,548,249	6,677,191	3,487,613	29,524,264

Source: 1998-1999 NPHS Health Share File.

NATIONAL POPULATION HEALTH SURVEY

FOOD INSECURITY SUPPLEMENT

1998 - 1999

APPENDIX A

QUESTIONNAIRE

1998-1999 NPHS -- Food Insecurity Supplement

FI C_01 If age is greater than or equal to 16, go to INT6A
 If age is less than or equal to 16, go to INT4A

FI INT6A May I speak to [FNAME]?

FI INT4A Does [FNAME] still live or stay in this household?
FIS8DCHD

- 1 YES
- 2 NO
- 3 REFUSED
- 4 DON'T KNOW

FI PROXY1 For selected persons aged 16 and over:
FIS8DPXY Is the questionnaire being completed by [FNAME]?

- 1 YES
- 2 NO (SPECIFY RELATIONSHIP AND REASON FOR PROXY)

FI SEC_1 We'll start with a few questions about problems shopping for food.

FI Q5 In the past 12 months, did you or anyone else in your household have problems shopping for food because the stores were too far away?

FIS8_1A

- 1 YES
- 2 NO
 DK, R

FI Q5B In the past 12 months, did you or anyone else in your household have problems shopping for food because transportation was not available?

FIS8_1B

- 1 YES
- 2 NO
 DK, R

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FI Q5C In the past 12 months, did you or anyone else in your household have problems shopping for food because there was no money for transportation?

FIS8_1C

- 1 YES
- 2 NO
- DK, R

FI Q5D In the past 12 months, did you or anyone else in your household have problems shopping for food because of a long-term disability?

FIS8_1D

- 1 YES
- 2 NO
- DK, R

FI Q5E In the past 12 months, did you or anyone else in your household have problems shopping for food because of a health problem?

FIS8_1E

- 1 YES
- 2 NO
- DK, R

FI Q5F In the past 12 months, did you or anyone else in your household have any other problems shopping for food?

FIS8_1F

- 1 YES (SPECIFY)
- 2 NO
- DK, R

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FI SEC_2 Now a few questions about the different things people do to stretch their food money.

FI Q4 In the past 12 months, when there was not enough money for food, did you or anyone else in your household

- FIS8_2A ... Borrow money?
- FIS8_2B ... Sell or pawn possessions?
- FIS8_2C ... Use coupons or return bottles?
- FIS8_2D ... Delay paying bills?
- FIS8_2E ... Do without heat?
- FIS8_2F ... Do without a telephone?
- FIS8_2G ... Buy food on credit (not counting using a credit card)?
- FIS8_2H ... Grow some of your own food?
- FIS8_2I ... Hunt or fish for your own food?
- FIS8_2J ... Borrow food?
- FIS8_2K ... Join a food buying club?
- FIS8_2L ... Join a collective or community kitchen?
- FIS8_2M ... Anything else? (SPECIFY)

- 1 YES
- 2 NO
- DK, R

FI Q6 In the past 12 months, how often did you or anyone else in your household receive food from a food bank, soup kitchen or other charitable agency because there was not enough money for food?

READ LIST. ENTER ONLY ONE RESPONSE.

FIS8_3

- 1 Often
- 2 Sometimes
- 3 Never (Go to SK_03)
- DK, R (Go to SK_03)

FI Q6A Did this happen mostly at the end of the month?

FIS8_3A

- 1 YES
- 2 NO
- DK, R

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FI SK_03 If age less than 16, go to SEC_2A.

FI Q7 Now, a few questions just about [you / FNAME]. In the past 12 months, how often did [you/FNAME] worry that food would run out before there was money to buy more?
READ LIST. ENTER ONLY ONE RESPONSE.

FIS8_4

- 1 Often
- 2 Sometimes
- 3 Never (Go to Q8)
DK, R (Go to Q8)

FI Q7A Did this happen mostly at the end of the month?

FIS8_4A

- 1 YES
- 2 NO
DK, R

FI Q8 In the past 12 months, how often did [you / FNAME] eat cheaper foods or eat the same foods for several days in a row because there was not enough money for food?
READ LIST. ENTER ONLY ONE RESPONSE.

FIS8_5

- 1 Often
- 2 Sometimes
- 3 Never (Go to Q9)
DK, R (Go to Q9)

FI Q8A Did this happen mostly at the end of the month?

FIS8_5A

- 1 YES
- 2 NO
DK, R

1998-1999 NPHS -- Food Insecurity Supplement

FI Q9 In the past 12 months, how often did [you / FNAME] skip meals or eat less than [you/he/she] should because there was not enough money for food?
READ LIST. ENTER ONLY ONE RESPONSE.

FIS8_6

- 1 Often
- 2 Sometimes
- 3 Never (Go to Q10)
DK, R (Go to Q10)

FI Q9A Did this happen mostly at the end of the month?

FIS8_6A

- 1 YES
- 2 NO
DK, R

FI Q10 In the past 12 months, how often [have/has] [you / FNAME] been hungry because there was not enough money for food?
READ LIST. ENTER ONLY ONE RESPONSE.

FIS8_7

- 1 Often
- 2 Sometimes
- 3 Never (Go to SEC_3)
DK, R (Go to SEC_3)

FI Q10A Did this happen mostly at the end of the month?

FIS8_7A

- 1 YES (Go to SEC_3)
- 2 NO (Go to SEC_3)
DK, R (Go to SEC_3)

FI SEC_2A Now, a few questions about [your child / FNAME].

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FI Q11 In the past 12 months, did [your child / FNAME] use a school meal program? Include breakfast, lunch and after school programs.

FIS8_8

- 1 YES
- 2 NO
- 3 NOT APPLICABLE
DK, R

FI Q12 In the past 12 months, how often did you worry that you could not afford to feed [your child / FNAME]?

READ LIST. ENTER ONLY ONE RESPONSE.

FIS8_9

- 1 Often
- 2 Sometimes
- 3 Never (Go to Q13)
DK, R (Go to Q13)

FI Q12A Did this happen mostly at the end of the month?

FIS8_9A

- 1 YES
- 2 NO
DK, R

FI Q13 In the past 12 months, were you unable to give [your child / FNAME] balanced meals because there was not enough money for food?

FIS8_10

- 1 YES
- 2 NO (Go to Q14)
DK, R (Go to Q14)

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FI Q13A How often?
READ LIST. ENTER ONLY ONE RESPONSE.

FIS8_10A

- 1 Often
- 2 Sometimes
- 3 Never (Go to Q14)
DK, R (Go to Q14)

FI Q13B Did this happen mostly at the end of the month?

FIS8_10B

- 1 YES
- 2 NO
DK, R

FI Q14 In the past 12 months, did you have to reduce the size of [your child / FNAME]'s meals because there was not enough money for food?

FIS8_11

- 1 YES
- 2 NO (Go to Q15)
DK, R (Go to Q15)

FI Q14A How often?
READ LIST. ENTER ONLY ONE RESPONSE.

FIS8_11A

- 1 Often
- 2 Sometimes
- 3 Never (Go to Q15)
DK, R (Go to Q15)

FI Q14B Did this happen mostly at the end of the month?

FIS8_11B

- 1 YES
- 2 NO
DK, R

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FI Q15 In the past 12 months, has [your child / FNAME] ever been hungry because there was not enough money for food?

FIS8_12

- 1 YES
- 2 NO (Go to Q16)
DK, R (Go to Q16)

FI Q15A How often?
READ LIST. ENTER ONLY ONE RESPONSE.

FIS8_12A

- 1 Often
- 2 Sometimes
- 3 Never (Go to Q16)
DK, R (Go to Q16)

FI Q15B Did this happen mostly at the end of the month?

FIS8_12B

- 1 YES
- 2 NO
DK, R

FI Q16 In the past 12 months, did [your child / FNAME] miss any meals because there was not enough money for food?

FIS8_13

- 1 YES
- 2 NO (Go to SK_04)
DK, R (Go to SK_04)

1998-1999 NPHS -- Food Insecurity Supplement

FI Q16A How often?
READ LIST. ENTER ONLY ONE RESPONSE.

FIS8_13A

- 1 Often
- 2 Sometimes
- 3 Never (Go to SK_04)
 DK, R (Go to SK_04)

FI Q16B Did this happen mostly at the end of the month?

FIS8_13B

- 1 YES
- 2 NO
 DK, R

FI SK_04 If Q14A = 1 or Q15A = 1 or Q16A = 1, go to Q17. Otherwise, go to SEC_3.

FI Q17 Has [your child / FNAME] lost weight in the past 12 months?

FIS8_14

- 1 YES
- 2 NO
 DK, R

FI SEC_3 The amount of money that people have available for food is affected by how much money they spend on housing.

FI Q18 Do you or any other member of your household own this dwelling (even if it is still being paid for)?

FIS8_15

- 1 YES
- 2 NO (Go to Q20)
 DK, R (Go to SHARE)

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FI Q19 What are the regular mortgage payments?

FIS8_16

_____ DOLLARS [Min: 00001 Max: 50000]
None (Go to Q19B2)
DK, R (Go to SHARE)

FI Q19A Are these payments made...
READ LIST. ENTER ONLY ONE RESPONSE.

FIS8_16A

- 1 Monthly
- 2 Every two weeks
- 3 Weekly
- 4 OTHER (SPECIFY) (Go to Q19B1)
 DK (Go to Q19B1)
 R (Go to SHARE)

FI CAL19 If Q19A = 1, mortgage = 12 x Q19.
 If Q19A = 2, mortgage = 26 x Q19.
 If Q19A = 3, mortgage = 52 x Q19.
 If mortgage .gt. 8000, go to CHK19. Otherwise, go to Q19B1.

FI CHK19 So that was [Q19] [monthly/every two weeks/weekly]. (Is this correct?)

- 1 YES, TO CONTINUE
- 2 NO, TO CORRECT (Go to Q19)

FI Q19B1 Are municipal taxes included in the mortgage payment?

FIS816B1

- 1 YES (Go to Q19C)
- 2 NO
 DK (Go to Q19C)
 R (Go to SHARE)

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FI Q19B2 For the past 12 months, what were the household expenditures for the following items:
Municipal taxes?

FIS816B2

_____ DOLLARS [Min: 00001 Max: 40000]
None
DK, R

FI Q19C For the past 12 months, what were the household expenditures for the following items:
Electricity?

FIS8_16C

_____ DOLLARS [Min: 00001 Max: 40000]
None
DK
R (Go to SHARE)

FI Q19D For the past 12 months, what were the household expenditures for the following items:
Other fuel for heating and cooking such as gas, oil, wood or propane? Do not include
electricity.

FIS8_16D

_____ DOLLARS [Min: 00001 Max: 30000]
None
DK
R (Go to SHARE)

FI Q19E For the past 12 months, what were the household expenditures for the following items:
Water and sewage charges?

FIS8_16E

_____ DOLLARS [Min: 00001 Max: 30000]
None
DK, R (GO TO SHARE)

1998-1999 NPHS -- Food Insecurity Supplement

FI Q20 What are the REGULAR rental payments?

FIS8_17

_____ DOLLARS [Min: 00001 Max: 50000]
None (Go to Q20C)
DK, R (Go to SHARE)

FI Q20A Are these payments made...
READ LIST. ENTER ONLY ONE RESPONSE.

FIS8_17A

- 1 Monthly
- 2 Every two weeks
- 3 Weekly
- 4 OTHER (SPECIFY) (Go to Q20C)
DK (Go to Q20C)
R (Go to SHARE)

FI CAL20 If Q20A = 1, rent = 12 x Q20.
If Q20A = 2, rent = 26 x Q20.
If Q20A = 3, rent = 52 x Q20.
If rent .gt. 6000, go to CHK20. Otherwise, go to Q20C.

FI CHK20 So that was [Q20] [monthly/every two weeks/weekly]. (Is this correct?)

- 1 YES, TO CONTINUE
- 2 NO, TO CORRECT (Go to Q20)

FI Q20C For the past 12 months, what were the household expenditures for the following items:
Electricity?

FIS8_17C

_____ DOLLARS [Min: 00001 Max: 40000]
None or included in rent
DK
R (Go to SHARE)

1998-1999 NPHS -- Food Insecurity Supplement

FI Q20D For the past 12 months, what were the household expenditures for the following items:
Other fuel for heating and cooking such as gas, oil, wood or propane? Do not include
electricity.

FIS8_17D

_____ DOLLARS [Min: 00001 Max: 30000]
None or included in rent
DK
R (Go to SHARE)

FI Q20E For the past 12 months, what were the household expenditures for the following items:
Water and sewage charges?

FIS8_17E

_____ DOLLARS [Min: 00001 Max: 30000]
None or included in rent
DK, R

FI SHARE Statistics Canada is conducting this survey jointly with Human Resources Development
Canada. All the information will be kept confidential and used only for statistical purposes.
Do you agree to share all the information provided as part of this survey with Human
Resources Development Canada?

FIS8DSHA

1 YES
2 NO
DK, R

NATIONAL POPULATION HEALTH SURVEY
FOOD INSECURITY SUPPLEMENT
1998 - 1999
APPENDIX B
DATA DICTIONARY

NPHS Cycle 3: Record Layout

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March 2000

Variable	Length	Position	Concept
REALUKEY	15	0001 - 0015	Record identifier for the household
PERSONID	2	0016 - 0017	Number identifying the person in the household
DHC8_AGE	3	0018 - 0020	Age
DHC8_SEX	1	0021 - 0021	Sex
DHC8_MAR	2	0022 - 0023	Marital status
FIS8_LNG	1	0024 - 0024	Language of interview
FIS8_YOI	4	0025 - 0028	Year of interview
FIS8_MOI	2	0029 - 0030	Month of interview
FIS8_DOI	2	0031 - 0032	Day of interview
FIS8_1A	1	0033 - 0033	Problems - stores too far away
FIS8_1B	1	0034 - 0034	Problems - transport not available
FIS8_1C	1	0035 - 0035	Problems - no money for transport
FIS8_1D	1	0036 - 0036	Problems - long-term disability
FIS8_1E	1	0037 - 0037	Problems - health problem
FIS8_1F	1	0038 - 0038	Problems - other
FIS8_2A	1	0039 - 0039	Not enough money - borrowed money
FIS8_2B	1	0040 - 0040	Not enough money - sold possessions
FIS8_2C	1	0041 - 0041	Not enough money - used coupons / bottles
FIS8_2D	1	0042 - 0042	Not enough money - delayed paying bills
FIS8_2E	1	0043 - 0043	Not enough money - did without heat
FIS8_2F	1	0044 - 0044	Not enough money - did without telephone
FIS8_2G	1	0045 - 0045	Not enough money - bought food on credit
FIS8_2H	1	0046 - 0046	Not enough money - grew food
FIS8_2I	1	0047 - 0047	Not enough money - hunted / fished
FIS8_2J	1	0048 - 0048	Not enough money - borrowed food
FIS8_2K	1	0049 - 0049	Not enough money - joined food buying club
FIS8_2L	1	0050 - 0050	Not enough money - joined community kitchen
FIS8_2M	1	0051 - 0051	Not enough money - do anything else
FIS8_3	1	0052 - 0052	Received food from charity - frequency
FIS8_3A	1	0053 - 0053	Received food from charity - end of month
FIS8_4	1	0054 - 0054	Worried that food would run out - frequency
FIS8_4A	1	0055 - 0055	Worried that food would run out - end of month
FIS8_5	1	0056 - 0056	Ate cheaper foods - frequency
FIS8_5A	1	0057 - 0057	Ate cheaper foods - end of month
FIS8_6	1	0058 - 0058	Skipped meals or ate less - frequency
FIS8_6A	1	0059 - 0059	Skipped meals or ate less - end of month

NPHS Cycle 3: Record Layout

Share File - Food Insecurity

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Variable	Length	Position	Concept
FIS8_7	1	0060 - 0060	Been hungry - frequency
FIS8_7A	1	0061 - 0061	Been hungry - end of month
FIS8_8	1	0062 - 0062	Used school meal program
FIS8_9	1	0063 - 0063	Worried could not afford to feed child - frequency
FIS8_9A	1	0064 - 0064	Worried could not afford to feed child - end of month
FIS8_10	1	0065 - 0065	Unable to give balanced meals to child
FIS8_10A	1	0066 - 0066	Unable to give balanced meals to child - frequency
FIS8_10B	1	0067 - 0067	Unable to give balanced meals to child - end of month
FIS8_11	1	0068 - 0068	Reduced size of meals to child
FIS8_11A	1	0069 - 0069	Reduced size of meals to child - frequency
FIS8_11B	1	0070 - 0070	Reduced size of meals to child - end of month
FIS8_12	1	0071 - 0071	Child ever been hungry
FIS8_12A	1	0072 - 0072	Child ever been hungry - frequency
FIS8_12B	1	0073 - 0073	Child ever been hungry - end of month
FIS8_13	1	0074 - 0074	Child missed meals
FIS8_13A	1	0075 - 0075	Child missed meals - frequency
FIS8_13B	1	0076 - 0076	Child missed meals - end of month
FIS8_14	1	0077 - 0077	Child lost weight
FIS8_15	1	0078 - 0078	Dwelling owned by household member
FIS8_16	6	0079 - 0084	Regular mortgage payments
FIS8_16A	1	0085 - 0085	Regular mortgage payments - frequency
FIS816B1	1	0086 - 0086	Taxes included in mortgage
FIS816B2	6	0087 - 0092	Annual expenses (owner) - municipal taxes
FIS8_16C	6	0093 - 0098	Annual expenses (owner) - electricity
FIS8_16D	6	0099 - 0104	Annual expenses (owner) - other fuel
FIS8_16E	6	0105 - 0110	Annual expenses (owner) - water and sewage
FIS8_17	6	0111 - 0116	Regular rental payments
FIS8_17A	1	0117 - 0117	Regular rental payments - frequency
FIS8_17C	6	0118 - 0123	Annual expenses (renter) - electricity
FIS8_17D	6	0124 - 0129	Annual expenses (renter) - other fuel
FIS8_17E	6	0130 - 0135	Annual expenses (renter) - water / sewage
FIS8DPXY	1	0136 - 0136	Interview completed by proxy - (D)
FIS8DCHD	1	0137 - 0137	Selected respondent is a child (<16 years old) - (D)
FIS8DSHA	1	0138 - 0138	Agree to share information - (D)
WTF8_S	8.2	0139 - 0146	Sharing weight - selected respondent

NPHS Cycle 3: Alphabetic Index

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Variable Name	Description	Section	Page
DHC8_AGE	Age	DH	1
DHC8_MAR	Marital status	DH	2
DHC8_SEX	Sex	DH	1
FIS8_10	Unable to give balanced meals to child	FI	16
FIS8_10A	Unable to give balanced meals to child - frequency	FI	17
FIS8_10B	Unable to give balanced meals to child - end of month	FI	17
FIS8_11	Reduced size of meals to child	FI	17
FIS8_11A	Reduced size of meals to child - frequency	FI	18
FIS8_11B	Reduced size of meals to child - end of month	FI	18
FIS8_12	Child ever been hungry	FI	18
FIS8_12A	Child ever been hungry - frequency	FI	19
FIS8_12B	Child ever been hungry - end of month	FI	19
FIS8_13	Child missed meals	FI	19
FIS8_13A	Child missed meals - frequency	FI	20
FIS8_13B	Child missed meals - end of month	FI	20
FIS8_14	Child lost weight	FI	21
FIS8_15	Dwelling owned by household member	FI	21
FIS8_16	Regular mortgage payments	FI	22
FIS8_16A	Regular mortgage payments - frequency	FI	22
FIS8_16C	Annual expenses (owner) - electricity	FI	24
FIS8_16D	Annual expenses (owner) - other fuel	FI	24
FIS8_16E	Annual expenses (owner) - water and sewage	FI	25
FIS8_17	Regular rental payments	FI	25
FIS8_17A	Regular rental payments - frequency	FI	26
FIS8_17C	Annual expenses (renter) - electricity	FI	26
FIS8_17D	Annual expenses (renter) - other fuel	FI	27
FIS8_17E	Annual expenses (renter) - water / sewage	FI	27
FIS8_1A	Problems - stores too far away	FI	3
FIS8_1B	Problems - transport not available	FI	4
FIS8_1C	Problems - no money for transport	FI	4
FIS8_1D	Problems - long-term disability	FI	4
FIS8_1E	Problems - health problem	FI	5
FIS8_1F	Problems - other	FI	5
FIS8_2A	Not enough money - borrowed money	FI	5
FIS8_2B	Not enough money - sold possessions	FI	6
FIS8_2C	Not enough money - used coupons / bottles	FI	6

NPHS Cycle 3: Alphabetic Index

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Share File - Food Insecurity

March 2000

Variable Name	Description	Section	Page
FIS8_2D	Not enough money - delayed paying bills	FI	6
FIS8_2E	Not enough money - did without heat	FI	7
FIS8_2F	Not enough money - did without telephone	FI	7
FIS8_2G	Not enough money - bought food on credit	FI	7
FIS8_2H	Not enough money - grew food	FI	8
FIS8_2I	Not enough money - hunted / fished	FI	8
FIS8_2J	Not enough money - borrowed food	FI	8
FIS8_2K	Not enough money - joined food buying club	FI	9
FIS8_2L	Not enough money - joined community kitchen	FI	9
FIS8_2M	Not enough money - do anything else	FI	9
FIS8_3	Received food from charity - frequency	FI	10
FIS8_3A	Received food from charity - end of month	FI	10
FIS8_4	Worried that food would run out - frequency	FI	11
FIS8_4A	Worried that food would run out - end of month	FI	11
FIS8_5	Ate cheaper foods - frequency	FI	12
FIS8_5A	Ate cheaper foods - end of month	FI	12
FIS8_6	Skipped meals or ate less - frequency	FI	13
FIS8_6A	Skipped meals or ate less - end of month	FI	13
FIS8_7	Been hungry - frequency	FI	14
FIS8_7A	Been hungry - end of month	FI	14
FIS8_8	Used school meal program	FI	15
FIS8_9	Worried could not afford to feed child - frequency	FI	15
FIS8_9A	Worried could not afford to feed child - end of month	FI	16
FIS8_DOI	Day of interview	FI	3
FIS8_LNG	Language of interview	FI	2
FIS8_MOI	Month of interview	FI	3
FIS8_YOI	Year of interview	FI	2
FIS816B1	Taxes included in mortgage	FI	23
FIS816B2	Annual expenses (owner) - municipal taxes	FI	23
FIS8DCHD	Selected respondent is a child (<16 years old) - (D)	FI	28
FIS8DPXY	Interview completed by proxy - (D)	FI	28
FIS8DSHA	Agree to share information - (D)	FI	28
PERSONID	Number identifying the person in the household	AM	1
REALUKEY	Record identifier for the household	AM	1
WTF8_S	Sharing weight - selected respondent	WT	29

Share File - Food Insecurity

March 2000

Variable Name	Description	Page
AM : Administration of the survey		
PERSONID	Number identifying the person in the household	1
REALUKEY	Record identifier for the household	1
DH : Demographic and household variables		
DHC8_AGE	Age	1
DHC8_MAR	Marital status	2
DHC8_SEX	Sex	1
FI : Food Insecurity		
FIS8_10	Unable to give balanced meals to child	16
FIS8_10A	Unable to give balanced meals to child - frequency	17
FIS8_10B	Unable to give balanced meals to child - end of month	17
FIS8_11	Reduced size of meals to child	17
FIS8_11A	Reduced size of meals to child - frequency	18
FIS8_11B	Reduced size of meals to child - end of month	18
FIS8_12	Child ever been hungry	18
FIS8_12A	Child ever been hungry - frequency	19
FIS8_12B	Child ever been hungry - end of month	19
FIS8_13	Child missed meals	19
FIS8_13A	Child missed meals - frequency	20
FIS8_13B	Child missed meals - end of month	20
FIS8_14	Child lost weight	21
FIS8_15	Dwelling owned by household member	21
FIS8_16	Regular mortgage payments	22
FIS8_16A	Regular mortgage payments - frequency	22
FIS8_16C	Annual expenses (owner) - electricity	24
FIS8_16D	Annual expenses (owner) - other fuel	24
FIS8_16E	Annual expenses (owner) - water and sewage	25
FIS8_17	Regular rental payments	25
FIS8_17A	Regular rental payments - frequency	26
FIS8_17C	Annual expenses (renter) - electricity	26
FIS8_17D	Annual expenses (renter) - other fuel	27
FIS8_17E	Annual expenses (renter) - water / sewage	27
FIS8_1A	Problems - stores too far away	3
FIS8_1B	Problems - transport not available	4

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Variable Name	Description	Page
FIS8_1C	Problems - no money for transport	4
FIS8_1D	Problems - long-term disability	4
FIS8_1E	Problems - health problem	5
FIS8_1F	Problems - other	5
FIS8_2A	Not enough money - borrowed money	5
FIS8_2B	Not enough money - sold possessions	6
FIS8_2C	Not enough money - used coupons / bottles	6
FIS8_2D	Not enough money - delayed paying bills	6
FIS8_2E	Not enough money - did without heat	7
FIS8_2F	Not enough money - did without telephone	7
FIS8_2G	Not enough money - bought food on credit	7
FIS8_2H	Not enough money - grew food	8
FIS8_2I	Not enough money - hunted / fished	8
FIS8_2J	Not enough money - borrowed food	8
FIS8_2K	Not enough money - joined food buying club	9
FIS8_2L	Not enough money - joined community kitchen	9
FIS8_2M	Not enough money - do anything else	9
FIS8_3	Received food from charity - frequency	10
FIS8_3A	Received food from charity - end of month	10
FIS8_4	Worried that food would run out - frequency	11
FIS8_4A	Worried that food would run out - end of month	11
FIS8_5	Ate cheaper foods - frequency	12
FIS8_5A	Ate cheaper foods - end of month	12
FIS8_6	Skipped meals or ate less - frequency	13
FIS8_6A	Skipped meals or ate less - end of month	13
FIS8_7	Been hungry - frequency	14
FIS8_7A	Been hungry - end of month	14
FIS8_8	Used school meal program	15
FIS8_9	Worried could not afford to feed child - frequency	15
FIS8_9A	Worried could not afford to feed child - end of month	16
FIS8_DOI	Day of interview	3
FIS8_LNG	Language of interview	2
FIS8_MOI	Month of interview	3
FIS8_YOI	Year of interview	2
FIS816B1	Taxes included in mortgage	23
FIS816B2	Annual expenses (owner) - municipal taxes	23

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Variable Name	Description	Page
FIS8DCHD	Selected respondent is a child (<16 years old) - (D)	28
FIS8DPXY	Interview completed by proxy - (D)	28
FIS8DSHA	Agree to share information - (D)	28
WT : Sample weights		
WTF8_S	Sharing weight - selected respondent	29

NPHS Cycle 3: Data Dictionary

Share File - Food Insecurity

March 2000

Variable Name	REALUKEY	Length	15	Position	1 - 15
Question Name					
Concept	Record identifier for the household				
Question					
Universe	All respondents				
Note					

Variable Name	PERSONID	Length	2	Position	16 - 17
Question Name					
Concept	Number identifying the person in the household				
Question					
Universe	All respondents				
Note					

Variable Name	DHC8_AGE	Length	3	Position	18 - 20
Question Name					
Concept	Age				
Question					
Universe	All respondents				
Note					

<u>Content</u>	<u>Code</u>	<u>Sample</u>	<u>Population</u>
YEARS	0 - 88	1,265	3,014,505
	Total	1,265	3,014,505

Variable Name	DHC8_SEX	Length	1	Position	21
Question Name					
Concept	Sex				
Question					
Universe	All respondents				
Note					

<u>Content</u>	<u>Code</u>	<u>Sample</u>	<u>Population</u>
MALE	1	509	1,285,621
FEMALE	2	756	1,728,883
	Total	1,265	3,014,505

NPHS Cycle 3: Data Dictionary

Share File - Food Insecurity

March 2000

Variable Name	DHC8_MAR	Length	2	Position	22 - 23
Question Name					
Concept	Marital status				
Question	What is your current marital status?				
Universe	All respondents				
Note					
<u>Content</u>		<u>Code</u>		<u>Sample</u>	<u>Population</u>
MARRIED		1		359	825,793
COMMON-LAW		2		69	144,616
LIVING WITH A PARTNER		3		5	13,476
SINGLE (NEVER MARRIED)		4		575	1,531,324
WIDOWED		5		45	106,290
SEPARATED		6		80	149,605
DIVORCED		7		132	243,401
		Total		1,265	3,014,505

Variable Name	FIS8_LNG	Length	1	Position	24
Question Name					
Concept	Language of interview				
Question					
Universe	All respondents				
Note					
<u>Content</u>		<u>Code</u>		<u>Sample</u>	<u>Population</u>
ENGLISH		1		1,023	2,321,492
FRENCH		2		242	693,013
		Total		1,265	3,014,505

Variable Name	FIS8_YOI	Length	4	Position	25 - 28
Question Name					
Concept	Year of interview				
Question					
Universe	All respondents				
Note	Based on S_DAT (ORDD file).				
<u>Content</u>		<u>Code</u>		<u>Sample</u>	<u>Population</u>
YEAR		1999 - 1999		1,265	3,014,505
		Total		1,265	3,014,505

NPBS Cycle 3: Data Dictionary

Share File - Food Insecurity

March 2000

Variable Name	FIS8_MOI	Length	2	Position	29 - 30
Question Name					
Concept	Month of interview				
Question					
Universe	All respondents				
Note	Based on S_DAT (ORDD file).				
<u>Content</u>		<u>Code</u>		<u>Sample</u>	<u>Population</u>
MAY		5		482	1,175,575
JUNE		6		697	1,666,744
JULY		7		86	172,186
		Total		1,265	3,014,505

Variable Name	FIS8_DOI	Length	2	Position	31 - 32
Question Name					
Concept	Day of interview				
Question					
Universe	All respondents				
Note	Based on S_DAT (ORDD file).				
<u>Content</u>		<u>Code</u>		<u>Sample</u>	<u>Population</u>
DAY OF THE MONTH		1 - 31		1,265	3,014,505
		Total		1,265	3,014,505

Variable Name	FIS8_1A	Length	1	Position	33
Question Name	Q5A				
Concept	Problems - stores too far away				
Question	In the past 12 months, did you or anyone else in your household have problems shopping for food because the stores were too far away?				
Universe	All respondents				
Note					
<u>Content</u>		<u>Code</u>		<u>Sample</u>	<u>Population</u>
YES		1		122	244,254
NO		2		1,143	2,770,251
		Total		1,265	3,014,505

NPHS Cycle 3: Data Dictionary

Share File - Food Insecurity

March 2000

Variable Name	FIS8_1B	Length	1	Position	34
Question Name	Q5B				
Concept	Problems - transport not available				
Question	In the past 12 months, did you or anyone else in your household have problems shopping for food because transportation was not available?				
Universe	All respondents				
Note					
<u>Content</u>		<u>Code</u>		<u>Sample</u>	<u>Population</u>
YES		1		183	374,772
NO		2		1,082	2,639,733
		Total		1,265	3,014,505

Variable Name	FIS8_1C	Length	1	Position	35
Question Name	Q5C				
Concept	Problems - no money for transport				
Question	In the past 12 months, did you or anyone else in your household have problems shopping for food because there was no money for transportation?				
Universe	All respondents				
Note					
<u>Content</u>		<u>Code</u>		<u>Sample</u>	<u>Population</u>
YES		1		289	647,172
NO		2		976	2,367,333
		Total		1,265	3,014,505

Variable Name	FIS8_1D	Length	1	Position	36
Question Name	Q5D				
Concept	Problems - long-term disability				
Question	In the past 12 months, did you or anyone else in your household have problems shopping for food because of a long-term disability?				
Universe	All respondents				
Note					
<u>Content</u>		<u>Code</u>		<u>Sample</u>	<u>Population</u>
YES		1		150	346,038
NO		2		1,115	2,668,467
		Total		1,265	3,014,505

NPHS Cycle 3: Data Dictionary

Share File - Food Insecurity

March 2000

Variable Name	FIS8_1E	Length	1	Position	37
Question Name	Q5E				
Concept	Problems - health problem				
Question	In the past 12 months, did you or anyone else in your household have problems shopping for food because of a health problem?				
Universe	All respondents				
Note					
<u>Content</u>		<u>Code</u>		<u>Sample</u>	<u>Population</u>
YES		1		190	457,168
NO		2		1,075	2,557,337
		Total		1,265	3,014,505

Variable Name	FIS8_1F	Length	1	Position	38
Question Name	Q5F				
Concept	Problems - other				
Question	In the past 12 months, did you or anyone else in your household have any other problems shopping for food?				
Universe	All respondents				
Note					
<u>Content</u>		<u>Code</u>		<u>Sample</u>	<u>Population</u>
YES		1		277	666,754
NO		2		987	2,346,037
DON'T KNOW		7		1	1,714
		Total		1,265	3,014,505

Variable Name	FIS8_2A	Length	1	Position	39
Question Name	Q4				
Concept	Not enough money - borrowed money				
Question	In the past 12 months, when there was not enough money for food, did you or anyone else in your household borrow money?				
Universe	All respondents				
Note					
<u>Content</u>		<u>Code</u>		<u>Sample</u>	<u>Population</u>
YES		1		523	1,192,673
NO		2		741	1,821,636
DON'T KNOW		7		1	197
		Total		1,265	3,014,505

NPHS Cycle 3: Data Dictionary

Share File - Food Insecurity

March 2000

Variable Name	FIS8_2B	Length	1	Position	40
Question Name	Q4				
Concept	Not enough money - sold possessions				
Question	In the past 12 months, when there was not enough money for food, did you or anyone else in your household sell or pawn possessions?				
Universe	All respondents				
Note					
<u>Content</u>		<u>Code</u>		<u>Sample</u>	<u>Population</u>
YES		1		175	400,704
NO		2		1,090	2,613,801
		Total		1,265	3,014,505

Variable Name	FIS8_2C	Length	1	Position	41
Question Name	Q4				
Concept	Not enough money - used coupons / bottles				
Question	In the past 12 months, when there was not enough money for food, did you or anyone else in your household use coupons or return bottles?				
Universe	All respondents				
Note					
<u>Content</u>		<u>Code</u>		<u>Sample</u>	<u>Population</u>
YES		1		708	1,706,474
NO		2		557	1,308,031
		Total		1,265	3,014,505

Variable Name	FIS8_2D	Length	1	Position	42
Question Name	Q4				
Concept	Not enough money - delayed paying bills				
Question	In the past 12 months, when there was not enough money for food, did you or anyone else in your household delay paying bills?				
Universe	All respondents				
Note					
<u>Content</u>		<u>Code</u>		<u>Sample</u>	<u>Population</u>
YES		1		628	1,467,912
NO		2		636	1,544,032
DON'T KNOW		7		1	2,560
		Total		1,265	3,014,505

NPHS Cycle 3: Data Dictionary

Share File - Food Insecurity

March 2000

Variable Name	FIS8_2E	Length	1	Position	43
Question Name	Q4				
Concept	Not enough money - did without heat				
Question	In the past 12 months, when there was not enough money for food, did you or anyone else in your household do without heat?				
Universe	All respondents				
Note					
<u>Content</u>		<u>Code</u>		<u>Sample</u>	<u>Population</u>
YES		1		69	169,586
NO		2		1,196	2,844,919
		Total		1,265	3,014,505

Variable Name	FIS8_2F	Length	1	Position	44
Question Name	Q4				
Concept	Not enough money - did without telephone				
Question	In the past 12 months, when there was not enough money for food, did you or anyone else in your household do without a telephone?				
Universe	All respondents				
Note					
<u>Content</u>		<u>Code</u>		<u>Sample</u>	<u>Population</u>
YES		1		103	230,620
NO		2		1,162	2,783,885
		Total		1,265	3,014,505

Variable Name	FIS8_2G	Length	1	Position	45
Question Name	Q4				
Concept	Not enough money - bought food on credit				
Question	In the past 12 months, when there was not enough money for food, did you or anyone else in your household buy food on credit (not counting using a credit card)?				
Universe	All respondents				
Note					
<u>Content</u>		<u>Code</u>		<u>Sample</u>	<u>Population</u>
YES		1		109	245,682
NO		2		1,156	2,768,823
		Total		1,265	3,014,505

NPHS Cycle 3: Data Dictionary

Share File - Food Insecurity

March 2000

Variable Name	FIS8_2H	Length	1	Position	46
Question Name	Q4				
Concept	Not enough money - grew food				
Question	In the past 12 months, when there was not enough money for food, did you or anyone else in your household grow some of your own food?				
Universe	All respondents				
Note					
<u>Content</u>		<u>Code</u>		<u>Sample</u>	<u>Population</u>
YES		1		170	436,636
NO		2		1,094	2,577,075
DON'T KNOW		7		1	793
		Total		1,265	3,014,505

Variable Name	FIS8_2I	Length	1	Position	47
Question Name	Q4				
Concept	Not enough money - hunted / fished				
Question	In the past 12 months, when there was not enough money for food, did you or anyone else in your household hunt or fish for your own food?				
Universe	All respondents				
Note					
<u>Content</u>		<u>Code</u>		<u>Sample</u>	<u>Population</u>
YES		1		83	162,312
NO		2		1,182	2,852,193
		Total		1,265	3,014,505

Variable Name	FIS8_2J	Length	1	Position	48
Question Name	Q4				
Concept	Not enough money - borrowed food				
Question	In the past 12 months, when there was not enough money for food, did you or anyone else in your household borrow food?				
Universe	All respondents				
Note					
<u>Content</u>		<u>Code</u>		<u>Sample</u>	<u>Population</u>
YES		1		251	573,747
NO		2		1,014	2,440,758
		Total		1,265	3,014,505

NPBS Cycle 3: Data Dictionary

Share File - Food Insecurity

March 2000

Variable Name	FIS8_2K	Length	1	Position	49
Question Name	Q4				
Concept	Not enough money - joined food buying club				
Question	In the past 12 months, when there was not enough money for food, did you or anyone else in your household join a food buying club?				
Universe	All respondents				
Note					
<u>Content</u>		<u>Code</u>		<u>Sample</u>	<u>Population</u>
YES		1		54	121,924
NO		2		1,211	2,892,581
		Total		1,265	3,014,505

Variable Name	FIS8_2L	Length	1	Position	50
Question Name	Q4				
Concept	Not enough money - joined community kitchen				
Question	In the past 12 months, when there was not enough money for food, did you or anyone else in your household join a collective or community kitchen?				
Universe	All respondents				
Note					
<u>Content</u>		<u>Code</u>		<u>Sample</u>	<u>Population</u>
YES		1		35	86,197
NO		2		1,229	2,926,217
DON'T KNOW		7		1	2,092
		Total		1,265	3,014,505

Variable Name	FIS8_2M	Length	1	Position	51
Question Name	Q4				
Concept	Not enough money - do anything else				
Question	In the past 12 months, when there was not enough money for food, did you or anyone else in your household do anything else?				
Universe	All respondents				
Note					
<u>Content</u>		<u>Code</u>		<u>Sample</u>	<u>Population</u>
YES		1		104	231,965
NO		2		1,161	2,782,540
		Total		1,265	3,014,505

Share File - Food Insecurity

March 2000

Variable Name FIS8_3 **Length** 1 **Position** 52

Question Name Q6

Concept Received food from charity - frequency

Question In the past 12 months, how often did you or anyone else in your household receive food from a food bank, soup kitchen or other charitable agency because there was not enough money for food?

Universe All respondents

Note

<u>Content</u>	<u>Code</u>	<u>Sample</u>	<u>Population</u>
OFTEN	1	44	95,433
SOMETIMES	2	221	559,161
NEVER	3	1,000	2,359,911
Total		1,265	3,014,505

Variable Name FIS8_3A **Length** 1 **Position** 53

Question Name Q6A

Concept Received food from charity - end of month

Question Did this happen mostly at the end of the month?

Universe Respondents who answered FIS8_3 = 1 or 2

Note

<u>Content</u>	<u>Code</u>	<u>Sample</u>	<u>Population</u>
YES	1	150	388,378
NO	2	113	263,287
NOT APPLICABLE	6	1,000	2,359,911
DON'T KNOW	7	2	2,929
Total		1,265	3,014,505

Share File - Food Insecurity

March 2000

Variable Name	FIS8_4	Length	1	Position	54
Question Name	Q7				
Concept	Worried that food would run out - frequency				
Question	Now, a few questions just about you. In the past 12 months, how often did you worry that food would run out before there was money to buy more?				
Universe	Respondents aged 16 or more				

Note

<u>Content</u>	<u>Code</u>	<u>Sample</u>	<u>Population</u>
OFTEN	1	196	414,463
SOMETIMES	2	336	741,702
NEVER	3	437	1,004,992
NOT APPLICABLE	6	296	853,348
	Total	1,265	3,014,505

Variable Name	FIS8_4A	Length	1	Position	55
Question Name	Q7A				
Concept	Worried that food would run out - end of month				
Question	Did this happen mostly at the end of the month?				
Universe	Respondents who answered FIS8_4 = 1 or 2				

Note

<u>Content</u>	<u>Code</u>	<u>Sample</u>	<u>Population</u>
YES	1	308	688,514
NO	2	222	464,524
NOT APPLICABLE	6	733	1,858,340
DON'T KNOW	7	2	3,128
	Total	1,265	3,014,505

Share File - Food Insecurity

March 2000

Variable Name	FIS8_5	Length	1	Position	56
Question Name	Q8				
Concept	Ate cheaper foods - frequency				
Question	In the past 12 months, how often did you eat cheaper foods or eat the same foods for several days in a row because there was not enough money for food?				
Universe	Respondents aged 16 or more				

Note

<u>Content</u>	<u>Code</u>	<u>Sample</u>	<u>Population</u>
OFTEN	1	235	478,801
SOMETIMES	2	384	886,143
NEVER	3	349	792,832
NOT APPLICABLE	6	296	853,348
DON'T KNOW	7	1	3,381
Total		1,265	3,014,505

Variable Name	FIS8_5A	Length	1	Position	57
Question Name	Q8A				
Concept	Ate cheaper foods - end of month				
Question	Did this happen mostly at the end of the month?				
Universe	Respondents who answered FIS8_5 = 1 or 2				

Note

<u>Content</u>	<u>Code</u>	<u>Sample</u>	<u>Population</u>
YES	1	322	709,519
NO	2	294	652,525
NOT APPLICABLE	6	645	1,646,179
DON'T KNOW	7	3	2,901
NOT STATED	9	1	3,381
Total		1,265	3,014,505

NPBS Cycle 3: Data Dictionary

Share File - Food Insecurity

March 2000

Variable Name	FIS8_6	Length	1	Position	58
Question Name	Q9				
Concept	Skipped meals or ate less - frequency				
Question	In the past 12 months, how often did you skip meals or eat less than you should because there was not enough money for food?				
Universe	Respondents aged 16 or more				
Note					
Content		Code		Sample	Population
OFTEN		1		133	282,821
SOMETIMES		2		264	567,288
NEVER		3		572	1,311,048
NOT APPLICABLE		6		296	853,348
		Total		1,265	3,014,505

Variable Name	FIS8_6A	Length	1	Position	59
Question Name	Q9A				
Concept	Skipped meals or ate less - end of month				
Question	Did this happen mostly at the end of the month?				
Universe	Respondents who answered FIS8_6 = 1 or 2				
Note					
Content		Code		Sample	Population
YES		1		217	468,503
NO		2		178	379,718
NOT APPLICABLE		6		868	2,164,396
DON'T KNOW		7		2	1,888
		Total		1,265	3,014,505

NPHS Cycle 3: Data Dictionary

Share File - Food Insecurity

March 2000

Variable Name	FIS8_7	Length	1	Position	60
Question Name	Q10				
Concept	Been hungry - frequency				
Question	In the past 12 months, how often have you been hungry because there was not enough money for food?				
Universe	Respondents aged 16 or more				

Note

<u>Content</u>	<u>Code</u>	<u>Sample</u>	<u>Population</u>
OFTEN	1	57	121,556
SOMETIMES	2	198	438,114
NEVER	3	714	1,601,487
NOT APPLICABLE	6	296	853,348
	Total	1,265	3,014,505

Variable Name	FIS8_7A	Length	1	Position	61
Question Name	Q10A				
Concept	Been hungry - end of month				
Question	Did this happen mostly at the end of the month?				
Universe	Respondents who answered FIS8_7 = 1 or 2				

Note

<u>Content</u>	<u>Code</u>	<u>Sample</u>	<u>Population</u>
YES	1	147	331,277
NO	2	107	226,613
NOT APPLICABLE	6	1,010	2,454,835
DON'T KNOW	7	1	1,780
	Total	1,265	3,014,505

NPBS Cycle 3: Data Dictionary

Share File - Food Insecurity

March 2000

Variable Name	FIS8_8	Length	1	Position	62
Question Name	Q11				
Concept	Used school meal program				
Question	In the past 12 months, did ... use a school meal program? Include breakfast, lunch and after school programs.				
Universe	Respondents aged 15 or less				
Note					
Content		Code		Sample	Population
YES		1		28	84,740
NO		2		220	636,504
N/A ACCORDING TO RESPONDENT		3		48	132,104
NOT APPLICABLE		6		969	2,161,157
		Total		1,265	3,014,505

Variable Name	FIS8_9	Length	1	Position	63
Question Name	Q12				
Concept	Worried could not afford to feed child - frequency				
Question	In the past 12 months, how often did you worry that you could not afford to feed ...?				
Universe	Respondents aged 15 or less				
Note					
Content		Code		Sample	Population
OFTEN		1		27	110,827
SOMETIMES		2		92	264,016
NEVER		3		177	478,504
NOT APPLICABLE		6		969	2,161,157
		Total		1,265	3,014,505

NPHS Cycle 3: Data Dictionary

Share File - Food Insecurity

March 2000

Variable Name FIS8_9A **Length** 1 **Position** 64

Question Name Q12A

Concept Worried could not afford to feed child - end of month

Question Did this happen mostly at the end of the month?

Universe Respondents who answered FIS8_9 = 1 or 2

Note

<u>Content</u>	<u>Code</u>	<u>Sample</u>	<u>Population</u>
OFTEN	1	72	240,800
SOMETIMES	2	45	129,984
NOT APPLICABLE	6	1,146	2,639,662
DON'T KNOW	7	2	4,060
	Total	1,265	3,014,505

Variable Name FIS8_10 **Length** 1 **Position** 65

Question Name Q13

Concept Unable to give balanced meals to child

Question In the past 12 months, were you unable to give ... balanced meals because there was not enough money for food?

Universe Respondents aged 15 or less

Note

<u>Content</u>	<u>Code</u>	<u>Sample</u>	<u>Population</u>
YES	1	60	181,182
NO	2	236	672,166
NOT APPLICABLE	6	969	2,161,157
	Total	1,265	3,014,505

NPBS Cycle 3: Data Dictionary

Share File - Food Insecurity

March 2000

Variable Name	FIS8_10A	Length	1	Position	66
Question Name	Q13A				
Concept	Unable to give balanced meals to child - frequency				
Question	How often?				
Universe	Respondents who answered FIS8_10 = 1				
Note					
Content		Code		Sample	Population
OFTEN		1		12	39,140
SOMETIMES		2		48	142,042
NOT APPLICABLE		6		1,205	2,833,323
		Total		1,265	3,014,505

Variable Name	FIS8_10B	Length	1	Position	67
Question Name	Q13B				
Concept	Unable to give balanced meals to child - end of month				
Question	Did this happen mostly at the end of the month?				
Universe	Respondents who answered FIS8_10A = 1 or 2				
Note					
Content		Code		Sample	Population
YES		1		34	122,009
NO		2		26	59,173
NOT APPLICABLE		6		1,205	2,833,323
		Total		1,265	3,014,505

Variable Name	FIS8_11	Length	1	Position	68
Question Name	Q14				
Concept	Reduced size of meals to child				
Question	In the past 12 months, did you have to reduce the size of ...'s meals because there was not enough money for food?				
Universe	Respondents aged 15 or less				
Note					
Content		Code		Sample	Population
YES		1		52	178,787
NO		2		244	674,561
NOT APPLICABLE		6		969	2,161,157
		Total		1,265	3,014,505

NPHS Cycle 3: Data Dictionary

Share File - Food Insecurity

March 2000

Variable Name	FIS8_11A	Length	1	Position	69
Question Name	Q14A				
Concept	Reduced size of meals to child - frequency				
Question	How often?				
Universe	Respondents who answered FIS8_11 = 1				
Note					
Content		Code		Sample	Population
OFTEN		1		8	30,961
SOMETIMES		2		44	147,825
NOT APPLICABLE		6		1,213	2,835,718
		Total		1,265	3,014,505

Variable Name	FIS8_11B	Length	1	Position	70
Question Name	Q14B				
Concept	Reduced size of meals to child - end of month				
Question	Did this happen mostly at the end of the month?				
Universe	Respondents who answered FIS8_11A = 1 or 2				
Note					
Content		Code		Sample	Population
YES		1		31	108,260
NO		2		21	70,526
NOT APPLICABLE		6		1,213	2,835,718
		Total		1,265	3,014,505

Variable Name	FIS8_12	Length	1	Position	71
Question Name	Q15				
Concept	Child ever been hungry				
Question	In the past 12 months, has ... ever been hungry because there was not enough money for food?				
Universe	Respondents aged 15 or less				
Note					
Content		Code		Sample	Population
YES		1		17	68,879
NO		2		279	784,469
NOT APPLICABLE		6		969	2,161,157
		Total		1,265	3,014,505

NPHS Cycle 3: Data Dictionary

Share File - Food Insecurity

March 2000

Variable Name	FIS8_12A	Length	1	Position	72
Question Name	Q15A				
Concept	Child ever been hungry - frequency				
Question	How often?				
Universe	Respondents who answered FIS8_12 = 1				
Note					
Content		Code		Sample	Population
OFTEN		1		6	22,093
SOMETIMES		2		11	46,785
NOT APPLICABLE		6		1,248	2,945,626
		Total		1,265	3,014,505

Variable Name	FIS8_12B	Length	1	Position	73
Question Name	Q15B				
Concept	Child ever been hungry - end of month				
Question	Did this happen mostly at the end of the month?				
Universe	Respondents who answered FIS8_12A = 1 or 2				
Note					
Content		Code		Sample	Population
YES		1		11	51,078
NO		2		6	17,801
NOT APPLICABLE		6		1,248	2,945,626
		Total		1,265	3,014,505

Variable Name	FIS8_13	Length	1	Position	74
Question Name	Q16				
Concept	Child missed meals				
Question	In the past 12 months, did ... miss any meals because there was not enough money for food?				
Universe	Respondents aged 15 or less				
Note					
Content		Code		Sample	Population
YES		1		8	26,847
NO		2		288	826,501
NOT APPLICABLE		6		969	2,161,157
		Total		1,265	3,014,505

NPHS Cycle 3: Data Dictionary

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March 2000

Variable Name	FIS8_13A	Length	1	Position	75
Question Name	Q16A				
Concept	Child missed meals - frequency				
Question	How often?				
Universe	Respondents who answered FIS8_13 = 1				
Note					
Content		Code		Sample	Population
OFTEN		1		3	14,916
SOMETIMES		2		5	11,931
NOT APPLICABLE		6		1,257	2,987,658
		Total		1,265	3,014,505

Variable Name	FIS8_13B	Length	1	Position	76
Question Name	Q16B				
Concept	Child missed meals - end of month				
Question	Did this happen mostly at the end of the month?				
Universe	Respondents who answered FIS8_13A = 1 or 2				
Note					
Content		Code		Sample	Population
YES		1		3	8,885
NO		2		4	16,168
NOT APPLICABLE		6		1,257	2,987,658
DON'T KNOW		7		1	1,794
		Total		1,265	3,014,505

NPHS Cycle 3: Data Dictionary

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Variable Name	FIS8_14	Length	1	Position	77
Question Name	Q17				
Concept	Child lost weight				
Question	Has ... lost weight in the past 12 months?				
Universe	Respondents aged 15 or less who answered FIS8_11A=1 or FIS8_12A=1 or FIS8_13A=1				
Note					
<u>Content</u>		<u>Code</u>		<u>Sample</u>	<u>Population</u>
YES		1		2	8,895
NO		2		2	6,907
NOT APPLICABLE		6		1,254	2,969,774
NOT STATED		9		7	28,930
		Total		1,265	3,014,505

Variable Name	FIS8_15	Length	1	Position	78
Question Name	Q18				
Concept	Dwelling owned by household member				
Question	Do you or any other member of your household own this dwelling (even if it is still being paid for)?				
Universe	All respondents				
Note					
<u>Content</u>		<u>Code</u>		<u>Sample</u>	<u>Population</u>
YES		1		532	1,193,853
NO		2		728	1,810,712
REFUSAL		8		5	9,940
		Total		1,265	3,014,505

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Variable Name FIS8_16 **Length** 6 **Position** 79 - 84

Question Name Q19

Concept Regular mortgage payments

Question What are the regular mortgage payments?

Universe Respondents who answered FIS8_15 = 1

Note To calculate annual mortgage payments, multiply the amount in this variable by a factor based on the response to FIS8_16A.

<u>Content</u>	<u>Code</u>	<u>Sample</u>	<u>Population</u>
AMOUNT IN DOLLARS	1 - 2000	355	862,871
NONE	0	141	231,141
NOT APPLICABLE	999996	728	1,810,712
DON'T KNOW	999997	16	48,139
REFUSAL	999998	20	51,702
NOT STATED	999999	5	9,940
	Total	1,265	3,014,505

Variable Name FIS8_16A **Length** 1 **Position** 85

Question Name Q19A

Concept Regular mortgage payments - frequency

Question Are these payments made:

Universe Respondents who answered FIS8_15 = 1

Note

<u>Content</u>	<u>Code</u>	<u>Sample</u>	<u>Population</u>
MONTHLY	1	306	740,391
EVERY 2 WEEKS	2	32	71,656
WEEKLY	3	16	50,104
OTHER	4	1	719
NOT APPLICABLE	6	869	2,041,853
NOT STATED	9	41	109,781
	Total	1,265	3,014,505

Share File - Food Insecurity

March 2000

Variable Name	FIS816B1	Length	1	Position	86
Question Name	Q19B1				
Concept	Taxes included in mortgage				
Question	Are municipal taxes included in the mortgage payment?				
Universe	Respondents who answered FIS8_15 = 1				
Note					
Content		Code		Sample	Population
YES		1		164	384,179
NO		2		184	460,080
NOT APPLICABLE		6		869	2,041,853
DON'T KNOW		7		7	18,613
NOT STATED		9		41	109,781
		Total		1,265	3,014,505

Variable Name	FIS816B2	Length	6	Position	87 - 92
Question Name	Q19B2				
Concept	Annual expenses (owner) - municipal taxes				
Question	For the past 12 months, what were the household expenditures for municipal taxes?				
Universe	Respondents who answered FIS8_15 = 1				
Note					
Content		Code		Sample	Population
AMOUNT IN DOLLARS		17 - 9000		273	588,495
NONE		0		19	23,284
NOT APPLICABLE		999996		899	2,213,503
DON'T KNOW		999997		32	78,890
REFUSAL		999998		1	552
NOT STATED		999999		41	109,781
		Total		1,265	3,014,505

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March 2000

Variable Name	FIS8_16C	Length	6	Position	93 - 98
Question Name	Q19C				
Concept	Annual expenses (owner) - electricity				
Question	For the past 12 months, what were the household expenditures for electricity?				
Universe	Respondents who answered FIS8_15 = 1				
Note					
Content		Code		Sample	Population
AMOUNT IN DOLLARS		165 - 6500		463	1,003,468
NONE		0		8	21,214
NOT APPLICABLE		999996		728	1,810,712
DON'T KNOW		999997		25	69,330
NOT STATED		999999		41	109,781
		Total		1,265	3,014,505

Variable Name	FIS8_16D	Length	6	Position	99 - 104
Question Name	Q19D				
Concept	Annual expenses (owner) - other fuel				
Question	For the past 12 months, what were the household expenditures for other fuel for heating and cooking such as gas, oil, wood or propane? Do not include electricity.				
Universe	Respondents who answered FIS8_15 = 1				
Note					
Content		Code		Sample	Population
AMOUNT IN DOLLARS		15 - 2500		315	706,983
NONE		0		155	320,076
NOT APPLICABLE		999996		728	1,810,712
DON'T KNOW		999997		26	66,954
NOT STATED		999999		41	109,781
		Total		1,265	3,014,505

NPHS Cycle 3: Data Dictionary

Share File - Food Insecurity

March 2000

Variable Name FIS8_16E **Length** 6 **Position** 105 - 110

Question Name Q19E

Concept Annual expenses (owner) - water and sewage

Question For the past 12 months, what were the household expenditures for water and sewage charges?

Universe Respondents who answered FIS8_15 = 1

Note

<u>Content</u>	<u>Code</u>	<u>Sample</u>	<u>Population</u>
AMOUNT IN DOLLARS	25 - 3000	203	459,090
NONE	0	252	528,337
NOT APPLICABLE	999996	728	1,810,712
DON'T KNOW	999997	40	106,034
REFUSAL	999998	1	552
NOT STATED	999999	41	109,781
	Total	1,265	3,014,505

Variable Name FIS8_17 **Length** 6 **Position** 111 - 116

Question Name Q20

Concept Regular rental payments

Question What are the regular rental payments?

Universe Respondents who answered FIS8_15 = 2

Note To calculate annual rental payments, multiply the amount in this variable by a factor based on the response to FIS8_17A.

<u>Content</u>	<u>Code</u>	<u>Sample</u>	<u>Population</u>
AMOUNT IN DOLLARS	32 - 6501	695	1,732,887
NONE	0	7	11,655
NOT APPLICABLE	999996	532	1,193,853
DON'T KNOW	999997	11	37,451
REFUSAL	999998	15	28,718
NOT STATED	999999	5	9,940
	Total	1,265	3,014,505

NPHS Cycle 3: Data Dictionary

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Variable Name	FIS8_17A	Length	1	Position	117
Question Name	Q20A				
Concept	Regular rental payments - frequency				
Question	Are these payments made:				
Universe	Respondents who answered FIS8_15 = 2				
Note					
Content		Code		Sample	Population
MONTHLY		1		694	1,731,998
EVERY 2 WEEKS		2		1	890
NOT APPLICABLE		6		539	1,205,508
NOT STATED		9		31	76,110
		Total		1,265	3,014,505

Variable Name	FIS8_17C	Length	6	Position	118 - 123
Question Name	Q20C				
Concept	Annual expenses (renter) - electricity				
Question	For the past 12 months, what were the household expenditures for electricity?				
Universe	Respondents who answered FIS8_15 = 2				
Note					
Content		Code		Sample	Population
AMOUNT IN DOLLARS		100 - 12000		480	1,127,391
NONE OR INCLUDED IN RENT		0		180	508,095
NOT APPLICABLE		999996		532	1,193,853
DON'T KNOW		999997		42	109,056
NOT STATED		999999		31	76,110
		Total		1,265	3,014,505

NPHS Cycle 3: Data Dictionary

Share File - Food Insecurity

March 2000

Variable Name FIS8_17D **Length** 6 **Position** 124 - 129

Question Name Q20D

Concept Annual expenses (renter) - other fuel

Question For the past 12 months, what were the household expenditures for other fuel for heating and cooking such as gas, oil, wood or propane? Do not include electricity.

Universe Respondents who answered FIS8_15 = 2

Note

<u>Content</u>	<u>Code</u>	<u>Sample</u>	<u>Population</u>
AMOUNT IN DOLLARS	11 - 3600	188	429,708
NONE OR INCLUDED IN RENT	0	493	1,256,837
NOT APPLICABLE	999996	532	1,193,853
DON'T KNOW	999997	21	57,997
NOT STATED	999999	31	76,110
	Total	1,265	3,014,505

Variable Name FIS8_17E **Length** 6 **Position** 130 - 135

Question Name Q20E

Concept Annual expenses (renter) - water / sewage

Question For the past 12 months, what were the household expenditures for water and sewage charges?

Universe Respondents who answered FIS8_15 = 2

Note

<u>Content</u>	<u>Code</u>	<u>Sample</u>	<u>Population</u>
AMOUNT IN DOLLARS	60 - 1500	90	209,997
NONE OR INCLUDED IN RENT	0	592	1,474,617
NOT APPLICABLE	999996	532	1,193,853
DON'T KNOW	999997	19	56,844
REFUSAL	999998	1	3,084
NOT STATED	999999	31	76,110
	Total	1,265	3,014,505

Share File - Food Insecurity

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Variable Name	FIS8DPXY	Length	1	Position	136
Question Name					
Concept	Interview completed by proxy - (D)				
Question					
Universe	All respondents				
Note	If selected respondent is 15 or less or if selected respondent did not complete the interview himself, then it is a Proxy Interview otherwise it is a Non-proxy Interview.				
Content		Code		Sample	Population
PROXY		1		334	966,475
NON-PROXY		2		931	2,048,030
		Total		1,265	3,014,505

Variable Name	FIS8DCHD	Length	1	Position	137
Question Name					
Concept	Selected respondent is a child (<16 years old) - (D)				
Question					
Universe	All respondents				
Note	If selected respondent is 15 or less, he is classified as a child, therefore the variable is set to "YES" otherwise it is set to "NO".				
Content		Code		Sample	Population
YES		1		296	853,348
NO		2		969	2,161,157
		Total		1,265	3,014,505

Variable Name	FIS8DSHA	Length	1	Position	138
Question Name					
Concept	Agree to share information - (D)				
Question					
Universe	All respondents				
Note	Based on FIS8_SHA and AM68_SHA (for the household component of the NPBS).				
Content		Code		Sample	Population
YES		1		1,265	3,014,505
		Total		1,265	3,014,505

Share File - Food Insecurity

March 2000

Variable Name	WTF8_S	Length	8.2	Position	139 - 146
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Question Name

Concept Sharing weight - selected respondent

Question

Universe All respondents

Note
