Basic Information Document

Albania
Living Standard Measurement Survey
2002

The World Bank
Albania Institute of Statistics (INSTAT)

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I. Introduction and background

Over the past decade, Albania has been seeking to develop the framework for a market economy and more open society. It has faced severe internal and external challenges in the interim – extremely low income levels and a lack of basic infrastructure, the rapid collapse of output and inflation rise after the shift in regime in 1991, the turmoil during the 1997 pyramid crisis, and the social and economic shocks accompanying the 1999 Kosovo crisis. In the face of these challenges, Albania has made notable progress in creating conditions conducive to growth and poverty reduction.

A poverty profile based on 1996 data (the most recent available) showed that some 30 percent of the rural and some 15 percent of the urban population are poor, with many others vulnerable to poverty due to their incomes being close to the poverty threshold. Income related poverty is compounded by the severe lack of access to basic infrastructure, education and health services, clean water, etc., and the ability of the Government to address these issues is complicated by high levels of internal and external migration that are not well understood.

To date, the paucity of household-level information has been a constraining factor in the design, implementation and evaluation of economic and social programs in Albania. Multi-purpose household surveys are one of the main sources of information to determine living conditions and measure the poverty situation of a country, and provide an indispensable tool to assist policy-makers in monitoring and targeting social programs.

Two recent surveys carried out by the Albanian Institute of Statistics (INSTAT) – the 1998 Living Conditions Survey (LCS) and the 2000 Household Budget Survey (HBS) – drew attention, once again, to the need for accurately measuring household welfare according to well-accepted standards, and for monitoring these trends on a regular basis. In spite of their narrow scope and limitations, these two surveys have provided the country with an invaluable training ground towards the development of a permanent household survey system to support the government strategic planning in its fight against poverty.

In the process leading to its first Poverty Reduction Strategy Paper (PRSP; also known in Albania as Growth and Poverty Reduction Strategy, GPRS), the Government of Albania reinforced its commitment to strengthening its own capacity to collect and analyze on a regular basis the information it needs to inform policy-making.

In its first phase (2001-2006), this monitoring system will include the following data collection instruments: (i) Population and Housing Census; (ii) Living Standards Measurement Surveys every 3 years, and (iii) annual panel surveys.

The Population and Housing Census (PHC) conducted in April 2001, provided the country with a much needed updated sampling frame which is one of the building blocks for the household survey structure.

The focus during this first phase of the monitoring system is on a periodic LSMS (in 2002 and 2005), followed by panel surveys on a sub-sample of LSMS households (in 2003, 2004 and 2006), drawing heavily on the 2001 census information. The possibility to include a panel component in the second LSMS will be considered at a later stage, based on the experience accumulated with the first panels.

The 2002 LSMS was in the field between April and early July, with some field activities (the community and price questionnaires) extending into August and September. The survey work was undertaken by the Living Standards unit of INSTAT, with the technical assistance of the World Bank. The present document provides detailed information on this survey. Section II summarizes the content of the survey instruments used. Section III focuses on the details of the sample design. Sections IV describes the pilot test and fieldwork procedures of the survey, as well as the training received by survey staff. Section V reviews data entry and data cleaning issues. Finally, section VI contains a series of annotations that all those interested in using the data should read.

II.   Survey Instruments

Four survey instruments were used to collect information for the 2002 Albania LSMS: a household questionnaire, a diary for recording household food consumption, a community questionnaire, and a price questionnaire.

The **household questionnaire** included all the core LSMS modules as defined in Grosh and Glewwe (2000)[1], plus additional modules on migration, fertility, subjective poverty, agriculture, and nonfarm enterprises. Geographical referencing data on the longitude and latitude of each household were also recorded using portable GPS devices.[2] Geo-referencing will enable a more efficient spatial link among the different surveys of the system, as well as between the survey households and other geo-referenced information. Given the panel nature of the poverty monitoring system, geo-referencing is also an important tool for facilitating the tracking of households in future surveys.

The choice of the modules was aimed at matching as much as possible the specificity of Albania in terms of data needs, as driven by pressing policy questions. Their design (e.g. questions asked, their sequence, units and time-frames used) was also adapted to fit the Albanian reality.

Household membership in this survey is defined as being away from the household for less than six months. Deceased individuals, lodgers, hired workers and servants are never considered household members. Guests who stay with the household for six months and over, infants of less than six months, new arrivals (such as newly weds) are considered household members. The household head was counted as a household member if he or she had been away less than 12 months, rather than the 6 month limit for anyone else absent.

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[1] The core LSMS modules, all included in the 2002 Albania LSMS are: metadata, household roster, dwelling and utilities, education, health, employment, transfers and social assistance, other income sources, consumption, and anthropometrics.
[2] The geo-referenced information is not distributed with the data files. Users who wish to use the geo-referenced information will have to contact INSTAT (see Annex 1).

The questionnaire was divided in two sections, and was administered to households in two visits, one section per visit. During the second visit the interviewer would also collect additional information of use for the future tracking of the household in the next waves of the panel. This information was collected on a sheet provided for this purpose at the beginning of Section 2 in the main questionnaire. Table 1 provides a detailed description of the content of the modules of the household questionnaire. Information on how to obtain copies of the questionnaire (and all the other available documentation) are provided in Annex 1.

The **Diary for Recording Daily Household Consumption** (also known as the **booklet**) was left in the household by the interviewer during the first visit for the household to compile, and collected during the second visit. Upon collection, interviewers took care of checking the entries (also with the help of a checklist provided at the end of the booklet) and correct them as appropriate with the help of the most knowledgeable person in the household.

The diary consists of:

    A. A cover page (for metadata information);
    B. Instructions for the household on how to record consumption;
    C. Fourteen (i.e. one per day) three-part sections for the recording of (1) food products purchased daily; (2) non-purchased food products consumed by the household (e.g. from own production or payments in kind); (3) food eaten outside the home (e.g. at work, in restaurants);
    D. A checklist for use by the interviewer with a list of the 14 main food products consumed in Albania.

A specific column was provided for the interviewers (not the household) to record the 'reference period' for bulk purchases of food. Whenever large quantities of a specific item were recorded, the interviewer asked the household –upon collecting the diary- to specify the expected period over which the said quantity would be consumed.

The last section of the diary, the checklist, was compiled by the interviewer, with the help of the household most knowledgeable person, upon collection of the diary. Interviewers were instructed to check, for 14 main food staples, whether any consumption of the item had been recorded in the diary. Whenever an item had not been recorded the interviewer would ask the respondent to report whether the item (a) had not been used in the 14 day period, or (b) had been consumed but the household had forgotten to record its consumption, or else (c) had been consumed by the household drawing on stocks purchased or produced outside the 14 day period.

If the inclusion of an item had simply been forgotten the interviewer would then fill the appropriate section of the diary by asking the household to recall the details of that consumption. If the household reported consuming an item purchased before the beginning of the 14 day period, then information on the frequency of purchase, quantity, unit of measure and value of the purchase were recorded in the columns provided to this end in the checklist.

Data users should therefore make sure of using the checklist, as well as column 7 in the table on daily purchases, to supplement the food consumption information included in the main part of the food diary. Extra care should be exercised when using this information because it appears that in practice the use of the checklist has not been consistent across interviewers. Some interviewers have recorded information in the checklist columns 4-7 even in cases where the purchase had taken place in the 14 days but its inclusion had been forgotten. In some other cases

information on the same items are found both in the checklist and in the main part of the diary (purchase and own-production).

The **Community Questionnaire** had two slightly different formats in urban and rural areas. Essentially the same information was collected although a few questions do not appear in the same sequence in both versions of the questionnaire. These are essentially the questions on the population and name of the community, which appear in Section 1A in the urban version and in Section 2 in the rural version. When using data from these questions the analyst should make sure of integrating information that appears in different variables in the dataset. In a few cases in which a question did not make sense in an urban context the question was only asked in rural communities. All such differences are easily identified by comparing the questionnaires, and have also been shaded in the urban version to make it easier to identify them.

In rural areas the community was normally defined as a village and the inhabited area surrounding it. In urban areas the definition was less straightforward, and it was decided on a case by case basis by the core team and the supervisors with the objective of selecting areas that would be understood as communities by the respondents, from time to time adopting boundaries matching those of traditional neighborhoods, or administrative partitions of the urban areas (the *baskhia* or *sector*). In Tirana the community was identified with the *mini-bashkia* level of the administrative partition of the city.

The supervisors were instructed to administer the questionnaire to a group of persons reputed to be best informed about each module within a community (e.g. teachers for the education questions, doctors or hospital managers for health related ones). Whenever possible, the questionnaire was administered in groups and the prevailing response (in case of differing views) was recorded. When this was not possible, respondents were interviewed separately. In a majority of cases, however, the questionnaire was in practice administered to only one respondent, generally an elected or appointed community leader.

Table 2 provides a detailed description of the content of the modules of the community questionnaire. Again, information on how to obtain copies of the questionnaire (and all the other available documentation) are provided in Annex 1.

The fourth survey instrument used was the **price questionnaire**. The price questionnaire was sent out with the community questionnaires to the districts. However, while the 'rural version' of the community questionnaire was ready at the same time as the main household questionnaire, the 'urban version' was only finalized a few weeks later. Price data for the rural communities have therefore been collected at the same time as the household data. In urban areas prices were collected in the following weeks and as late as September. Given the low level of inflation this should hardly pose problems of comparability. The date of the community (and hence price) data collections are included in the dataset.

Data for 96 different items were collected in each community. Prices were generally collected in only one outlet, except for about twenty urban communities for which two or three price observations are available. Thirteen of the latter are urban areas in which the monthly price data collection regularly done by INSTAT for the consumer price index was used.

The **coding** for the survey made use of ISCO 88 and NACE codes for employment and industry activities respectively, and of COICOP codes for the food item recorded in the 14 day diary. The complete list of codes used can be found at the end of this document as Annex 4.

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III.   Sample Design[3]

Sampling frame

The Republic of Albania is divided geographically into 12 Prefectures (*Prefekturat).* The latter are divided into Districts (*Rrethet*) which are, in turn, divided into Cities (*Qyteti*) and Communes (*Komunat*). The Communes contain all the rural villages and the very small cities. For the April 2001 General Census of Population and Housing census purposes, the cities and the villages were divided into Enumeration Areas (EAs). These formed the basis for the LSMS sampling frame.

The EAs in the frame are classified by Prefecture, District, City or Commune. The frame also contains, for every EA, the number of Housing Units (HUs), the number of occupied HUs, the number of unoccupied HUs, and the number of households. Occupied dwellings rather than total number of dwellings were used since many census EAs contain a large number of empty dwellings. The Housing Unit (defined as the space occupied by one household) was taken as the sampling unit, instead of the household, because the HU is more permanent and easier to identify in the field.

A detailed review of the list of census EAs shows that many have zero population. In order to obtain EAs with a minimum of 50 and a maximum of 120 occupied housing units, the EAs with zero population were first removed from the sampling frame. Then,   the smallest EAs (with less than 50 HU) were collapsed with geographically adjacent ones and the largest EAs (with more than 120 HU) were split into two or more EAs. Subsequently, maps identifying the boundaries of every split and collapsed EA were prepared[4].

Sample Size and Implementation

Since the 2002 LSMS had been conducted about a year after the April 2001 census, a listing operation to update the sample EAs was not conducted. However, given the rapid speed at which new constructions and demolitions of buildings take place in the city of Tirana and its suburbs, a quick count of the 75 sample EAs was carried out followed by a listing operation. The listing sheets prepared during the listing operation became the sampling frame for the final stage of selection.

The final sample design for the 2002 LSMS included 450 Primary Sampling Units (PSUs) and 8 households in each PSU, for a total of 3600 households. Four reserve units were selected in each sample PSU to act as replacement unit in non-response cases. In a few cases in which the rate of migration was particularly high and more than four of the originally selected households could not be found for the interview, additional households for the same PSU were randomly selected.

During the implementation of the survey there was a problem with the management of the questionnaires for a household that had initially refused, but later accepted, to fill in the food diary. The original household questionnaire was lost in the process and it was not possible to

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[3] This section is based on reports by Armando Levinson, US Census Bureau, December 2001; Valerie Evans, Consultant, April 2002; and Blerina Zykaj, INSTAT, August 2002.
[4] In one case, PSU 345, after census results became available it was noted that only 35 dwellings existed in the PSU instead of the expected 55. No adjustments were made to correct for this, as it is deemed that only one such case will not make a significant difference on the results.

match the diary with a valid household questionnaire. The household had therefore to be dropped from the sample (this happened in Shkoder, PSU 16). The final sample size is therefore of 3599 households.

Stratification

The sampling frame was divided in four regions (strata), Coastal Area, Central Area, and Mountain Area, and Tirana (urban and other urban). These four strata were further divided into major cities, other urban, and other rural (Table 3)[5]. The EAs were selected proportionately to the number of housing units in these areas (Table 4).

In the city of Tirana and its suburbs, implicit stratification was used to improve the efficiency of the sample design. The implicit stratification was performed by ordering the EAs in the sampling frame in a geographic serpentine fashion within each stratum used for the independent selection of EAs.

The sample is not self-weighted. In order to obtain correct estimates the data need to be weighted. A file with household weights is included in the dataset (*filename: weights.dta, variable: weight)*. When using individual rather than household variables an individual weight should be created by multiplying the household weight by the household size.

The survey is representative for Tirana, other urban and rural areas, as well as for Tirana and the three main agro-ecological/economic areas (Coastal, Central and Mountain).

Selection of households

Twelve valid households (HH's) were selected systematically and with equal probability from the Listing Forms in Tirana and 12 housing units (HU's) from census forms in the other areas. Once the 12 HH's were selected, 4 of them were chosen at random and kept as reserve units.

During the fieldwork, the enumerator only received the list of the first eight HH's plus a reserve HH. Each time the enumerator needed an additional reserve HH, she had to ask the supervisor and explain the reason why the reserve unit was needed. This process helped determine the reason why reserve units were used and provided more control on their use.

If a HH was not able to have its enumeration completed, the enumerator used the first reserve unit. Full documentation was required of every non-completed interview. If in one PSU more than 4 HH selected were invalid, other units from that PSU were randomly selected by the Central Office as replacement units to keep the enumerator load constant and maintain a uniform sample size in each PSU. This only occurred in a couple of cases.

For the listing of the 75 selected PSU's in Tirana, the census data and the EA maps were used as a base, and then buildings that had been added or demolished since the census were identified. For the PSUs that had buildings added, new lines were added to the listing to reflect each new housing unit before the 8 HH's and 4 reserve were selected. The HU's identified as invalid

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[5] It is worth mentioning that although district and city names match in most cases, districts are composed of both urban and rural areas. Table 3 summarizes the distribution of districts and urban centers by stratum, but although not shown in the table, all districts include areas classified as rural.

(because they had become vacant, non-residential, or had been demolished) were removed from the frame.

In Albania it is possible to find more than one household in one housing unit. In Tirana, where the census forms that formed the basis of the listing for the 2002 LSMS listed the households as opposed to the housing units, each line in the listing sheet was made to correspond with one and only one household, so that every household can have the same probability of being selected as any other household. In the rest of the country, where the census listing of housing units was used, interviewers were instructed to ask at the outset if there was more than one household in the housing unit (with the definition that a household sleeps under the same roof and pools resources for eating (eats out of the same pot)). In the few cases where there was more than one household in the HU, enumerators were instructed to randomly select one household (e.g. by flipping a coin) and interview the household thus chosen.

A full description of the original sample design by the sampling consultant, Armando Levinson, can be found in a separate document. Also, details on the actual field implementation are contained in a separate spreadsheet.

IV.   Pilot Testing, Training, Organization, and Fieldwork Procedures

Pilot Test

The questionnaire was field tested in February 2002 in Korca, Shkodra and Durres by the core INSTAT team and the local teams, with the assistance of international consultants and World Bank staff. The pilot testing covered all sections except food consumption (section 10), anthropometrical measurements (section 15), and Other Income (section 14), which had not been completed at the time.
The pilot was done by three teams, one per region, which tested the 12 modules that were ready for testing, and did additional testing on the more complicated modules. The south team tested the agricultural module, the north team the non-farm enterprise module, and the team in Durres the labor module.

The questionnaire was then updated following the results of the testing. The agriculture module had fairly major changes in structure and questions, and it was tested again after the changes were implemented.

Training

The **enumerator training** began on March 18 and finished on April 8, one week in Tirana and two weeks near Durres. Each training week was organized with five days of classroom training and one day of hands-on fieldwork practice. Both the classroom training and the fieldwork practice served also as pilot tests for the questionnaires, that were revised as the training proceeded.

Approximately 100 people took part in the training. The training also covered logistics, the use of the GPS devices, and the plans for the fieldwork, including replacements, the numbering of PSU's and households, instructions on revisiting households. The supervisors received an

additional 45 minute specific training session each day, plus and extra day of training in Tirana on April 12, shortly before the beginning of the survey work in the field on April 15.

The **training for the supervisors** was organized in three parts: One on the community questionnaire, its design and how to administer it. The second part covered the plans for the field work, the use of the household tracking sheets, how to properly track the reasons for replacements, how to structure the visits to the PSU's, the food diary questionnaire, and the second visit to the households. The third part of the supervisor training was another session on using the GPS's, to reinforce what had been learned on the last two days of the enumerator training. At the end of the supervisors training, all the equipment was handed out to each supervisor and driver, and questionnaires and food booklets for use during the first week on the field were given out.

Training for the **data entry operators** (DEO's) ran from April 12 to April 16th. DEO's were trained on the use of the custom data entry program developed in CS-Pro for this survey.

Fieldwork

By early February, the selection of PSU's for the LSMS had been completed except for those in Tirana, i.e. for 375 of the 450 total PSU's. At this stage a preliminary division of the PSU's into team responsibilities was made. Eventually, the field staff was organized into 20 teams, four of which were in Tirana. Each team had one supervisor and, generally, three enumerators. Some remote districts had one enumerator in each area of the district (in Korca, for instance, there were four enumerators, each in a different area), while other districts that have a particularly large number of PSU's also employed a greater number of enumerators (in Fier, for instance, there were 4 full-time enumerators to complete the 33 PSU's in that district).

The supervisors were all chosen from permanent INSTAT staff, and almost all had experience in supervising surveys on the field. Supervisors from within the regional INSTAT offices were identified for the 16 teams outside Tirana, and each regional office then identified enumerators from those who had successfully worked on the 2001 census. The four Tirana teams each had a supervisor, and they in turn were supervised by a Tirana head supervisor. Each team also included a data entry operator and a driver.

The supervisors were given the list of PSU's to be completed, and then were free to schedule the visits to each household as they wished, with the only general constraint that rural PSU's should be completed first, then the urban ones. For each PSU the supervisors were given a large envelope with the 8 questionnaires, a tracking sheet listing the households to be interviewed, with one reserve household listed on the tracking form, a listing sheet for the supervisor of the 12 selected families including the 4 reserve households, and a map of the corresponding census EA.

Each listing sheet for a selected EA included the following information:
1. Name of the district
2. Name of the commune
3. Name of the city
4. Identification of the EA based on the 2001 Census Frame
5. Cartographic address (building, entrance, apartment, nr. of family inside the apartment)
6. Postal address (building, entrance, apartment)
7. Code identifying a selected HU or a reserve unit

Each tracking form included the following information:
1.   PSU number
2.   Name of the commune
3.   Identification of EA based on 2001 Census Frame
4.   Names of the heads of households for the selected housing units
5.   Space for explanation by the enumerator of the reason why it was not possible to complete any of the household interviews

In order to control more closely the number of reserve households that were used, the enumerators received only the name of the first reserve household on the tracking sheets. If the enumerator needed more than one replacement household, he had to return to the supervisor to explain why more than one replacement was needed. The enumerator had to write a full reason on the tracking sheet for the replacement – and these reasons were verified and kept in the central office in Tirana in a continuously updated Excel sheet. This process helped ensure the reason for using a reserve unit was documented and provided more control on their use.

The only exception to this practice was for remote mountain villages, where the access was difficult, and it was decided to provide all four replacement names to the enumerator before the first visit. Out-migration from these villages is fast, and even in the year since the census many dwellings had become vacant. In four PSU's (one of them urban) more than the four reserve families initially selected turned out to be needed. In these cases, extra housing units were randomly chosen from the remaining housing units in the EA.

Identification of the selected households in the field was made by using the head of household names for all the rural PSU's, because this was the only reliable method to identify the selected housing units when there were no street addresses. However, the enumerators were trained to understand that the name of the head of household was used to identify the proper housing unit, but it was the housing unit that was selected. For instance, if the listed household head was Arbur Rexhepi, but at the enumeration visit another family was found in the housing unit, as long as the enumerator could determine that this was the HU in which the family of Arbur Rexhepi had lived at the time of the census, it was clear that this was the proper HU, and the enumeration continued with the family in the HU at the time of the visit.

For the urban PSU's, since there are explicit addresses for the selected dwellings, it was initially deemed not necessary to use the names of the household heads for identification. However, as confusion and inconsistencies started to arise in urban areas at the beginning of the fieldwork, household head names were used in urban areas as well, to control the urban PSU's more carefully, and also make the selected HU very clear. Having the list of household head names in urban areas also removed the necessity of letting the enumerators choose which of several families to interview in a selected housing unit, because the family had already been selected and could be identified by the name of the head.

The fieldwork started on April 15, with close supervision from the core team at INSTAT Tirana head office. By April 27, 13 of the 16 rural teams were visited by the supervising Tirana team- Kukes and Gjirokaster, were visited in the week of April 29. Tropoje was not visited directly as the head office INSTAT staff did not feel safe to visit this region, and instead the Tropoje supervisor went with the completed questionnaires to Tirana. The local staff from Tropoje did not however report security problems during the data collection.

The enumeration was completed in two visits – the first, to complete Part 1 of the questionnaire, and to explain the food booklet that was left with the household, and the second visit at least two weeks later to collect the food booklet and to complete Part 2 of the questionnaire. The core team also paid additional visits to those enumerators whose questionnaire seemed to contain a higher number of errors - but overall the enumerators seemed to be willing and diligent.

In Tirana some families accepted to have the main questionnaire administered, but did not want to complete the 14 day food diary. In some cases these were families with only elderly people who did not feel they could properly keep the diary. In these cases the enumerators were instructed to try to obtain assistance from neighbors who came into the households and filled out the food diaries for the respondents. In several cases with older persons in urban areas, the enumerators returned every few days to help the respondents keep the diaries up. Supervisors visited and discussed personally with the households all cases where the household had refused to complete a questionnaire with the enumerator.

The rural enumeration was finished by the third week of June and the urban enumeration was completed by first week of July 2002.

The supervisors completed most of the community and price questionnaires for the rural areas in parallel with the household enumeration, but worked on the urban community questionnaires and price questionnaires mostly after the urban enumeration of households was completed – in July. The community data collection was finalized in September.

The food diaries were sent to Tirana as soon as they were completed in the field. Data coders began coding the food booklets. The coding of all the food booklets was completed by a small staff in Tirana to guarantee consistency.

The monitoring of the entire fieldwork process was ensured by the core team in Tirana, maintaining constant contact with the supervisors by telephone, tracking the progress and keeping apprised of any problems, and traveling to the field as necessary. Household replacements were also constantly monitored as the fieldwork continued, to make sure that replacements be kept at a minimum. In Tirana, where the refusal rate was higher than elsewhere, one of the field supervisors or a core team member revisited with the supervisor many of the households who had refused.

V.   Data Entry and Data Cleaning

Data Entry Operations

Data entry for all the survey instruments was performed using custom made applications developed in CS-Pro. Data entry for the household questionnaire was performed in a decentralized fashion in parallel with the enumeration, so as to allow for 'real-time' checking of the data collected. This allowed a further tier of quality control checks on the data. Where errors in the data were spotted during data entry, it was possible to instruct enumerators and supervisors to correct the information, if necessary revisiting the household, when the teams were still in the field. A further round of checks was performed by the core team in Tirana and Bank staff in Washington as the data were gathered from the field and the entire dataset started building up.

All but one of the 16 teams in the districts had one DEO, the Fier team had two, and there were four DEO's for Tirana. Each DEO worked with a laptop computer, and was given office space in the regional Statistics Offices, or in INSTAT headquarters for the Tirana teams.

The DEO's received Part 1 of the household questionnaire from the supervisor once the supervisor had checked the enumerator's work, within two days of the enumeration in the field. The DEO then entered the questionnaire on the custom program, noting from the error messages of the program where there were errors or omissions. These errors were then to be detailed on the appropriate page of the questionnaire so that the enumerator could correct them when they returned for the second visit to the household.

Once the DE of 8 questionnaires for a PSU were completed for Part 1, the questionnaires were returned to the supervisor who gave them to the enumerator for administering Part 2 in the field. After Part 2 was completed, and the errors or omissions noted from Part 1, the enumerator turned the questionnaires back to the supervisor, who in turn gave them to the DE operator for entering Part 2. If there were errors found in Part 2, the supervisor was then told and they either solved the problem, or sent the enumerator back to the household.

The data entry of the household questionnaires was completed by mid July 2002 and the data was all delivered to Tirana by the teams. The data entry of the food booklets was done on an separate data-entry program by DEO's in Tirana. To improve accuracy and minimize data entry errors, the data were double-entered. The data entry began on July first and was completed on 31 July. By August 8 all the data for the household questionnaire and the food dairy had been entered. The questionnaires were all brought to Tirana and stored in INSTAT headquarters.

The data entry for the community and price questionnaires took place during the first ten days of October.

Data cleaning

Besides the checks built-in in the DE program and those performed on the preliminary versions of the dataset as it was building up, and additional round of in depth checks on the household questionnaire and the food diary was performed in late September and early October in Tirana. Wherever possible data entry errors or inconsistencies in the dataset were spotted, the original questionnaires or diary were retrieved and the information contained therein checked. Changes were made to the August version of the dataset as needed and the dataset was finalized in October.

VI. Notes on Dataset Structure and Use

The dataset is best understood if used alongside the questionnaire. Even though the dataset includes short labels describing the variables, only the questionnaire includes the questions in full. Furthermore, the questionnaire includes details of most of the coding (the codes not included in the questionnaire are found as Annex 4 to this document), and clarifies how filter questions and skip patterns were used in the survey.

Furthermore, it is worth stressing that the weights provided in the dataset must always be used in the analysis in order to obtain results that are valid at the national, rural/urban, or stratum (coastal, central, mountain, Tirana) level.

The dataset in STATA is organized as follows. A folder named "Data" includes all the files from the household, diary and community questionnaires. A full list of files is reproduced in Annex 2. The variable names are formed by a combination of letters and numbers that follows the order of the questions in the questionnaire. The part of the name before the underscore sign ("_") refers to the module, the part after the underscore sign follows the sequence of the questions within each module. So for instance variable "m4b_q16a" refers to **m**odule **4b, q**uestion **16a**.

The data files from the household and food diary questionnaires can be linked by using the identifying variable for each household (**hhid,** labeled 'household identifier'). This is a three to five digit variable where the last two digits always represent the household number (01 to 14), and the other digits represent the PSU number (1 to 450). This variable was constructed by linking the variables identifying the PSU (**psu**), and the variable identifying the household within the PSU (**hh,** labeled 'household ID'). For instance, household 4 in PSU 120 will be identified as hhid 12004 (i.e. by linking PSU 120 with hh number 04). Similarly, household 2 in PSU 1, will be identified as hhid 102 (PSU 1 and hh 02). Individual level files also include a variable identifying the specific individual to whom the information refers. The name of this variable varies across the files, but it is usually associated with the label "ID Code".

The data from the cover-page of the questionnaires (codes of interviewers, supervisors and DEO's, interview dates etc.), and additional variables created automatically by the DE program for checking purposes were referred to in the course of the survey as 'metadata'. These are included in separate files named "metadata" (the main questionnaire), "bmetadata" (the food diary), and "c_basic" (the community questionnaire) A separate file named "filters" has been created in the dataset that includes all the responses to that main filter questions in the main questionnaire.

The community and price questionnaire files can be linked to the household questionnaire and food diary through the variable **quest_num** (present in all the files). Sometimes the community is linked to a corresponding PSU one-on-one (this is usually the case in rural areas), but sometimes the area of a community is larger, and more PSU's can be linked to one community. The same is true for the price data, which were collected for each community.

A consumption aggregate has also been calculated based on the LSMS 2002 Dataset and is available, with full methodological documentation, upon request.

Tables

Table 1 - Contents of the 2002 Albania LSMS household questionnaire

Module	Broad description of the information collected	Respondent
Section 1		
Cover page	Metadata: Enumerator, supervisor, and data entry operator information. District, municipality, Census EA, household head, PSU and household number, georeferencing	Compiled by the enumerator
Household roster	Names of all household members, relationship to head of household, age, marital status and identification of spouses, ethnicity and religion, actual presence in the household over one year period, identification of actual household members as defined in the survey	Head of the household or, if not available, "principal respondent"
Migration	Information on whether each household member is originally from the municipality, whether they have moved to and from the municipality, for how long and for what reasons, with particular detail for the period since 1997. Questions on the intention or failed attempts to migrate are also asked to members over 15 years of age	Most knowledgeable person
Dwelling, utilities and durable goods	Part A. Dwelling: type, construction, age, conditions, size, length of residence, number and use of rooms, ownership, (potential or actual) rent, availability of services (toilets, garage, etc.). Part B. Utilities: Access, quality and cost of water, central heating, electricity and other energy and fuel sources, and telephone. Part C. Durables: Ownership, description, age and value of household durable goods (TV, refrigerator, car, etc.)	Most knowledgeable person
Education	Part A. Pre-school: Attendance, type of school, costs. Part B. School: Reading ability, school attendance, level and grades completed, highest diploma obtained, school attended (attendance, quality, costs, distance, scholarships), reasons for not attending/enrolling,	Mother or guardian for children of age 3-5 All household member age 6 or over; parent or guardian answers for children under 15
Health	Part. A. General health status: Occurrence of chronic and sudden illnesses, subjective health assessment, use and cost of health services (including hospitals) and medicines. Part B. Access to health care: Ability (including	All members 15 and older answer individually; parent or guardian answers for children under 15 Most knowledgeable

	financial) to access health services as needed	person
Fertility	Part A. Maternity history: Children born from each woman in the household, and information on their age, residence, sex, schooling	All women 15 years and older
	Part B. Reproductive health: Detailed information on the children born in the last three years, including consultations with health specialists, weight at birth, breastfeeding	All women age 49 or less who have given birth in the last three years
Labor	Part A. Labor force participation: Current employment status and efforts to find job if unemployed	All members age 15 and older
	Part B. Overview last 7 days: Occupation(s) in the last 7 days, and weeks worked in the same occupation(s) over last 12 months	All members age 15 and older
	Part C. Main and secondary job in the last 7 days: workplace, length of current occupation, type of work/employment, social security, earnings and benefits	All members age 15 and older
	Part D. Main job in last 12 months: Jobs in last 12 months (type of work/employment, social security, earnings and benefits, etc.), or reason to stop working.	All members age 6-14; member 15 and over who reported not working last 7 days
Transfers and social assistance	Part A. Transfers from others: Source, use, and magnitude of transfers from persons or institutions, including remittances	Most knowledgeable person
	Part B. Transfers to others: Destination, use, and magnitude of transfers to persons or institutions	
	Part C. Social assistance: Payments received and eligibility to transfers from various sources of social assistance, arrears	
Subjective poverty	Subjective assessment of the household financial situation in absolute and relative/comparative terms; self-reported household income; subjective assessment of the household ability to meet basic needs; self-assessment of own position on a poverty ladder; overall satisfaction and concerns/prospect about the future	Most knowledgeable person
Section2		
Cover page, section 2	Additional household information for panel tracking	Head of the household or, if not available, "principal respondent'
Nonfood expenditures	Part A. Past 30 days: Value of purchases of 14 frequent nonfood items (personal care, fuels, alcohol and cigarettes, etc.) with one additional open category ('other')	Most knowledgeable person
	Part B. Past 6 months: Value of purchases of 17 less frequent nonfood items (clothing, household articles,	

	books etc.) with one additional open category ('other')	
	Part C. Past 12 months: Value of purchases of 14 infrequent nonfood items (house and vehicle maintenance, holidays, ceremonies etc.) with one additional open category ('other')	
Agriculture	Part A1. Own plots: Size and quality of own agricultural land, crops planted, method of acquisition and legal title, estimated value	Person most knowledgeable about agriculture
	Part A2. Plot rented in: Size and quality of agricultural land, crops planted, sharecropping, rent paid	
	Part A3. Plot rented out: Size and quality of agricultural land, , method of acquisition and legal title, estimated value, sharecropping, rent earned	
	Part B. Machinery: Type, quantity, (shared) ownership, estimated current value	
	Part C. Crops: Area harvested by crop, amount harvested, unit price received	
	Part D. Inputs: Quantity used and amount spent, source	
	Part E. Livestock: Animals owned by type, sales and earnings, veterinary and input expenditure	
	Part F. Livestock products: Earnings obtained (if sold)	
Nonfarm enterprises	Part A. List of nonfarm enterprises	Person most knowledgeable about enterprise
	Part B. General information: Type, where operated, ownership details, (share of) profits earned by household, (members and non-members) employment	
	Part C. Revenues and operation: Days operated, revenues, self-consumption, length of and revenues from operation over 12 month period	
	Part D & E. Expenditure and assets: input expenditure assets per enterprise	
Other income	Income from rents, sales of assets, inheritance, gambling, and 'other'	Most knowledgeable person
Anthropometrics	Part A. Children under 60 months: Age, height and weight	All children under 5 years
	Part B: Adults aged 40-60: Age, height, weight	All adults between 40 and 60

Table 2 - Contents of the 2002 Albania LSMS community questionnaire

Module	Broad description of the information collected
Cover page	Metadata on the community and the interview
1. Respondent characteristics	Name, age, sex, position, schooling, length of presence in the community. In urban areas also name of community and population.
2. Basic characteristics of the community	Definition of the community and population (rural areas), housing and living conditions, main problems, transport access types available
3. Access to public services	3A. Community infrastructure and transportation: School, health, communications, other services 3B. Education services: New schools, number of teachers, number of pupils, number of days operating 3C. Health: Availability of health center, number of days open, equipment, personnel 3D. Quality of public transport services: Improved/worsened, main problems, frequency
4. Community services	4A. Service availability, quality, coverage – General: Electricity, public lights, sewage, garbage, phones, mail, police 4B. Service quality – Specific: Sewage and garbage collection
5. Community organization	5A. Organizations: Presence of committees or organizations within the community 5B. Collective actions: Community meetings and coordinated action to solve community problems; who works most to solve community problems, knowledge of Albania PRSP
6. Community safety	Drug abuse, crimes
7. Migration	Migration from and to the community
8. Child labor	Number of under 15 who work, type of employment (family or otherwise), school attendance
9. Problems related to the environment	Problems with insects, parasites etc.; diseases; unsafe garbage disposal, polluting activities
10. Credit	Sources of credit (formal and informal); prevailing interest rate

Table 3 - Domains of Estimation (Regions). Districts and Major Cities in the Domains of Estimation

Regions	Districts in the Regions	*Major Cities*	*Other Urban Cities*
Region 1 Coastal area	Lezhë Kurbin Kavajë Mallakaster Lushnje Delvine Sarande Durres Fier Vlore	Durres Fier Vlore	Lezhë Kurbin Kavajë Mallakaster Lushnje Delvine Sarande Durres
Region 2 Central Area	Devoll Kolonjë Pogradec Mirdite Puke Malesi e Madhe Mat Kuçove Skrapar Krujë Peqin Gjirokastër Permet Tepelenë Shkoder Elbasan Berat Korçë Tirana (rural)	Shkoder Elbasan Berat Korçë	Devoll Kolonjë Pogradec Mirdite Puke Malesi e Madhe Mat Kuçove Skrapar Krujë Peqin Gjirokastër Permet Tepelenë
Region 3 Mountain Area	Kukes Has Tropoje Bulqize Diber Gramsh Librazhd	no major cities	Kukes Has Tropoje Bulqize Diber Gramsh Librazhd
Tirana	Tirana urban Tirana other urban		

Table 4 - Distribution of EAs and Sample Size by Domain of Estimation

Domain	Total EAs in the Frame	Total EAs in the Sample	Total HUs in the Sample
Coastal Area	2704	125	1000
Major Cities	715	30	240
Other Urban	510	30	240
Rural	1479	65	520
Central Area	3858	125	1000
Major Cities	800	30	320
Other Urban	573	20	160
Rural	2485	65	520
Mountain Area	830	125	1000
Other Urban	172	50	400
Rural	658	75	600
Tirana (urban and other urban)	1075	75	600
Total	**8467 EAs**	**450 EAs**	**3600 HUs**

Annex 1 How to Obtain Copies of the Data and Documentation

Data from the Albania 2002 LSMS are public and are made available to users.

The data and related documentation can be downloaded from the LSMS website:

http://www.worldbank.org/lsms

or obtained by mail from the LSMS office or INSTAT at the addresses below. It is recommended that users read the documentation in full priors to using the data for their analyses.

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A brief description of the research that will be done with the data should be included in the request. If the request is made to the World Bank by mail a processing fee, payable by check, is required. Users may check with the LSMS office by e-mail or at the website indicated above for the latest details on the processing fee. Data and documentation will be provided on CD.

Individuals who receive copies of the data agree: (a) to cite INSTAT as the collector of the data in all reports, publications and presentation; (b) to provide copies of the report, publications and presentations to INSTAT and the LSMS office at the World Bank (addresses above); and (c) not to pass on the data to any third party for any reason. Researchers found in violation of this agreement will be denied copies of LSMS datasets in the future.

Annex 2 Dataset Contents (list of files and variables by survey instrument)

i) Household questionnaire files

FILE	VARIABLE AND LABEL
agr_a1_cl Module 12, Agriculture Part A1	psu, "PSU"; hh, "Household ID"; mca1_q0a, "Plot Code"; mca1_q02, "Plot Name"; mca1_q03, "Plot Area"; mca1_q04, "Kind of land"; mca1_q5a, "Main crop grown during last season"; mca1_q5b, "2nd crop grown during last season"; mca1_q06, "Quality of land"; mca1_q07, "Problems with erosion on plot"; mca1_q08, "Steepness of slope"; mca1_q09, "Irrigated plot"; mca1_q10, "Adequate water supply"; mca1_q11, "Method of acquisition"; mca1_q12, "Legal documentation"; mca1_q13, "Estimate value of plot"; hhid, "Household identifier", quest_num (number of the corresponding community questionnaire)
agr_a2_cl Module 12, Agriculture Part A2	psu, "PSU"; hh, "Household ID"; mca2_q0a, "Plot Code"; mca2_q02, "Plot Name"; mca2_q03, "Area of plot"; mca2_q04, "Type of land"; mca2_q5a, "Main crop grown"; mca2_q5b, "2nd crop grown"; mca2_q06, "Irrigated plot"; mca2_q07, "Adequate water supply"; mca2_q08, "Person plot was rented from"; mca2_q09, "Type of arrangement made with owner of land"; mca2_q10, "Share of output given to landlord"; mca2_q11, "Amount given to owner for last cropping season"; hhid, "Household identifier", quest_num (number of the corresponding community questionnaire)
agr_a3_cl Module 12, Agriculture Part A3	psu, "PSU"; hh, "Household ID"; mca3_q0a, "Plot Code"; mca3_q02, "Name of Plot"; mca3_q03, "Area of plot"; mca3_q04, "Type of land"; mca3_q05, "Plot irrigated"; mca3_q06, "Method of acquisition"; mca3_q07, "Legal titles for plot"; mca3_q08, "Estimate value of plot"; mca3_q09, "Person plot is rented to"; mca3_q10, "Arrangement with renter"; mca3_q11, "Share of output is given to HH by tenants"; mca3_q12, "Amount received for use of this land"; hhid, "Household identifier", quest_num (number of the corresponding community questionnaire)
agr_b_cl Module 12, Agriculture Part B	psu, "PSU"; hh, "Household ID"; mcb_q00, "Equipment Code"; mcb_q0a, "Equipment Label"; mcb_q01, "HH owns item"; mcb_q02, "Number of items owned"; mcb_q03, "Item owned jointly with another HH"; mcb_q04, "Number owned jointly"; mcb_q05, "Share belongs to HH"; mcb_q06, "Estimate value of item"; hhid, "Household identifier", quest_num (number of the corresponding community questionnaire)
agr_c_cl_2 Module 12, Agriculture Part C	psu, "PSU"; hh, "Household ID"; mcc_q00, "Crop Code"; mcc_q0a, "Crop Name"; mcc_q01, "Harvested in past 12 months"; mcc_q2a, "Area planted"; mcc_q2b, "Number of Trees"; mcc_q03, "Kgs harvested in past 12 months"; mcc_q04, "Kgs of harvest sold"; mcc_q05, "Price obtained"; hhid, "Household identifier", quest_num (number of the corresponding community questionnaire)
agr_d_cl_2 Module 12, Agriculture Part D	psu, "PSU"; hh, "Household ID"; mcd_q00, "Input Code"; mcd_q0a, "Input type"; mcd_q01, "HH used any during past season"; mcd_q02, "Amount used"; mcd_q03, "Unit Code"; mcd_q04, "Total amount spent"; mcd_q05, "Place of purchase"; hhid, "Household identifier", quest_num (number of the corresponding community questionnaire)
agr_e_cl_2 Module 12, Agriculture Part E	psu, "PSU"; hh, "Household ID"; mce_q00, "Line Number"; mce_q0a, "Animal Label"; mce_q02, "Raised animal in past 12 months"; mce_q3a, "Number owned (old)"; mce_q3b, "Number owned (young)"; mce_q4a, "Estimated price (old)"; mce_q4b, "Estimated price (young)"; mce_q05, "Number sold during last 12 months"; mce_q06, "Amount received for the sale"; mce_q07, "HH bought feed during last 12 months"; mce_q08, "Amount spent on feed during last 12 months"; mce_q09,

	"Amount spent on veterinary services in past 12 months"; mce_q10 , "Amount spent on other expenses"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)
agr_f_cl Module 12, Agriculture Part F	psu , "PSU"; hh , "Household ID"; mcf_q00 , "Line Number"; mcf_q0a , "Product Label"; mcf_q01 , "Produced in past 12 months"; mcf_q02 , "Sold product"; mcf_q03 , "Amount obtained in total from sale"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)
anthro1_cld Module 15, Anthropometry Part A	psu , "PSU"; hh , "Household ID"; mf_q00 , "ID Code"; mf_q02 , "Name"; mf_q3a , "Day of birth"; mf_q3b , "Month of birth"; mf_q3c , "Year of birth"; mf_q04 , "Information provided from birth certificate"; mf_q05 , "Age"; mf_q06 , "Measured"; mf_q07 , "Reason not"; mf_q08 , "Height"; mf_q09 , "Standing / Lying down"; mf_q10a , "Weight in Kgs"; mf_q10b , "Weight in Grms"; hhid, "Household identifier"
anthro2d Module 15, Anthropometry Part b	psu , "PSU"; hh , "Household ID"; mf2_q00 , "ID Code"; mf2_q02 , "Name"; mf2_q3a , "Years"; mf2_q3b , "Months"; mf2_q04 , "Measured"; mf2_q05 , "Reason not measured"; mf2_q06 , "Height"; mf2_q7a , "Weight Kgs"; mf2_q7b , "Weight Grms"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)
durables_cl Module 3, Part C	psu , "PSU"; hh , "Household ID"; m3c_q01 , "Description"; m3c_q02 , "Item Code"; m3c_q03 , "Years since item was acquired"; m3c_q04 , "Origin of Item"; m3c_q05 , "Current value of item"; hhid, "Household identifier"
dwelling_cl Module 3, Parts A & B	psu , "PSU"; hh , "Household ID"; m3a_q01 , "Dwelling Type"; m3a_q02 , "Major construction of external walls"; m3a_q03 , "Building external appearance"; m3a_q04 , "Condition of dwelling unit"; m3a_q5a , "Time of construction"; m3a_q5b , "Year after 1990"; m3a_q06 , "Time living in dwelling"; m3a_q07 , "Area of dwelling"; m3a_q08 , "Number of rooms occupied by family"; m3a_q09 , "Number of rooms used for business"; m3a_q10 , "Type of toilet"; m3a_q11_1, "Dwelling has:"; m3a_q11_2, "Dwelling has:"; m3a_q11_3, "Dwelling has:"; m3a_q11_4, "Dwelling has:"; m3a_q11_5, "Dwelling has:"; m3a_q11_6, "Dwelling has:"; m3a_q11_7, "Dwelling has:"; m3a_q12a, "Distance from: Primary school"; m3a_q12b, "Distance from: Ambulatory /Doctor"; m3a_q12c, "Distance from: Bus Station"; m3a_q13 , "Ownership of dwelling"; m3a_q14 , "Method of acquisition"; m3a_q15 , "Monthly Rent"; m3a_q16 , "Answer check"; m3a_q17 , "Amount of rent"; m3a_q18 , "Pays building maintenance fees"; m3a_q19 , "Amount paid for building maintenance"; m3b_q01 , "Main source of water used by HH"; m3b_q02 , "Distance from source of water"; m3b_q03 , "Continuous supply"; m3b_q04 , "Daily average of water supply in past week"; m3b_q05 , "Quality of water"; m3b_q06 , "Drinking water source"; m3b_q07 , "Water is boiled for drinking"; m3b_q08 , "Paid for water consumption in last 12 months"; m3b_q9a , "Average monthly water expenses in winter"; m3b_q9b , "Average monthly water expenses in summer"; m3b_q10 , "HH has water arrears"; m3b_q11 , "Total amount of arrears"; m3b_q12 , "Dwelling have central heating"; m3b_q13 , "Months heated in past 12 months"; m3b_q14 , "Dwelling adequately heated in that period"; m3b_q15 , "Average monthly payment for central heating"; m3b_q16 , "HH uses electricity"; m3b_q17_1, "Electricity for:"; m3b_q17_2, "Electricity for:"; m3b_q17_3, "Electricity for:"; m3b_q17_4, "Electricity for:"; m3b_q17_5, "Electricity for:"; m3b_q17_6, "Electricity for:"; m3b_q18 , "Dwelling has own electricity meter"; m3b_q19 , "Number of families connected to the meter"; m3b_q20 , "Method of dividing payment of consumption"; m3b_q21 , "Desire to have meter installed"; m3b_q22 , "Frequency of supply interruption"; m3b_q23 , "Hours per day electricity has been cut in last month"; m3b_q24 , "Consumption in last month"; m3b_q25 , "Contract with KESH"; m3b_q26 , "Paid electricity bill in past 12 months";

	m3b_q27a, "Amount of electric bill"; m3b_q27b, "Months covered in payment"; m3b_q28 , "HH have electricity arrear"; m3b_q29 , "Total amount of arrears owned by HH"; m3b_q30 , "Arrears age"; m3b_q31 , "Reason for not being connected to the electricity supply"; m3b_q32 , "Main alternative energy source for lighting"; m3b_q33 , "HH use gas"; m3b_q34_1, "Gas used for:"; m3b_q34_2, "Gas used for:"; m3b_q34_3, "Gas used for:"; m3b_q34_4, "Gas used for:"; m3b_q35 , "Cylinders used by HH"; m3b_q36 , "Average value of refill"; m3b_q37a, "Average duration of cylinder in winter"; m3b_q37b, "Average duration of cylinder in summer"; m3b_q38a_1, "Spent on firewood"; m3b_q38a_2, "Spent on firewood"; m3b_q38b_1, "Spent on coal"; m3b_q38b_2, "Spent on coal"; m3b_q38c_1, "Spent on oil / kerosene"; m3b_q38c_2, "Spent on oil / kerosene"; m3b_q38d_1, "Spent on Diesel fuel"; m3b_q38d_2, "Spent on Diesel fuel"; m3b_q38e_1, "Spent on Other"; m3b_q38e_2, "Spent on Other"; m3b_q39 , "HH has telephone inside dwelling"; m3b_q40 , "HH paid for telephone in past 12 months"; m3b_q41a, "Amount of last payment"; m3b_q41b, "Months covered in payment"; m3b_q42 , "Anyone in HH has mobile phone"; m3b_q43 , "Number of mobile phones owned by HH"; m3b_q44 , "Total amount paid by HH for mobile phone charges"; m3b_q45 , "Use public phone / phone cards"; m3b_q46 , "Amount spent in total last month on public phones and phone"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)
filters Various modules	psu , "PSU"; hh , "Household ID"; m6b_q01 , "Has any woman in the HH given birth to a child in the last 3"; m8a_q01 , "Has HH received any money from persons or institutions in pa"; m8b_q01 , "Has HH made any gifts to persons or institutions"; mca1_q00, "HH owned or rented farm land, cultivated crops or raised liv"; mca1_q01, "Farmed in last crop season"; mca2_q01, "Rented land during last cropping season"; mca3_q01, "Rented out land during last cropping season"; mce_q01 , "HH Member raised or owned livestock, poultry or any other d"; mda_q01 , "Operated any non-agricultural enterprise"; mf1_q01 , "Are there any children under 60 months living in this HH"; mf2_q01 , "Are there any persons 40-60 living in this HH"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)
Health_b Module 5, Health Part B	psu , "PSU"; hh , "Household ID"; m5b_q01 , "Financial situation for paying for family health care"; m5b_q02_1, "Method to raise money to pay for family member's health care"; m5b_q02_2, "Method to raise money to pay for family member's health care"; m5b_q02_3, "Method to raise money to pay for family member's health care"; m5b_q02_4, "Method to raise money to pay for family member's health care"; m5b_q02_5, "Method to raise money to pay for family member's health care"; m5b_q03 , "Times HH member has been ill but delayed seeking help in pa"; m5b_q04 , "Reason for not seeking help"; m5b_q05 , "Times referred to hospital but did not go in past 12 months"; m5b_q06 , "Reason for not going to hospital"; m5b_q07 , "Family member ever been refused health services"; m5b_q08 , "Reason"; m5b_q09 , "Family member entitled to purchase medicines at discounts"; m5b_q10 , "Always able to exercise this right when medicines are needed"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)
hhroster_cl_2 Module 1, Roster Module 2, Migragion Module 4,	psu , "PSU"; hh , "Household ID"; m1_q00 , "ID Code"; m1_q01 , "Name"; m1_q02 , "Sex"; m1_q03 , "Relationship to Head"; m1_q04d , "Day of birth"; m1_q04m , "Month of birth"; m1_q04y , "Year of birth"; m1_q05y , "Age"; m1_q05m , "Age (months)"; m1_q06 , "Marital Status"; m1_q07 , "Spouse living in HH"; m1_q08 , "Spouse's ID Code"; m1_q09 , "Ethnicity"; m1_q10 , "Religion"; m1_q11 , "Months away from HH"; m1_q12 , "HH Member present"; m2_q00 , "Person ID"; m2_q01 , "Born in current municipality / commune"; m2_q02 , "Continuously lived in current municipality / commune"; m2_q03 , "Moved to this Mun/comm since Jan./1990"; m2_q04a , "Date (month) moving here"; m2_q04b , "Date (Year) moving here";

Education Module 5, Health Part A	m2_q05 , "Main reason for moving"; m2_q06 , "District/Country in which before"; m2_q07 , "Lived abroad three months or more"; m2_q08 , "Main reason to go abroad"; m2_q9aa , "Months 1997"; m2_q9ab , "Country 1997"; m2_q9ba , "Months 1998"; m2_q9bb , "Country 1998"; m2_q9ca , "Months 1999"; m2_q9cb , "Country 1999"; m2_q9da , "Months 2000"; m2_q9db , "Country 2000"; m2_q9ea , "Months 2001"; m2_q9eb , "Country 2001"; m2_q10 , "Considered moving abroad"; m2_q11 , "Reason for not considering it"; m2_q12 , "Tried to move and failed"; m4a_q00 , "ID Code"; m4a_q0a , "Respondent ID Code"; m4a_q01 , "Currently attending preschool"; m4a_q02 , "Reason for not attending"; m4a_q03 , "Type of preschool"; m4a_q04 , "Hours per week"; m4a_q05 , "Amount paid monthly"; m4a_q06 , "Provided to school in cash or in-kind"; m4a_q07 , "Amount provided"; m4a_q08 , "Provided to school in services"; m4a_q09 , "Number of hours provided"; m4b_q00 , "ID Code"; m4b_q0a , "Respondent ID Code"; m4b_q01 , "Can read Newspaper"; m4b_q02 , "Can write a one page personal letter"; m4b_q03 , "Ever attended school"; m4b_q04 , "Highest level"; m4b_q05 , "Highest grade"; m4b_q06 , "Highest diploma attained"; m4b_q07 , "Number of years of preschool"; m4b_q08 , "Enrolled in this academic year"; m4b_q09 , "Currently attending school"; m4b_q10 , "Reason for not attending school"; m4b_q11 , "Reason for not enrolling this year"; m4b_q12 , "Intention to return to school"; m4b_q13 , "Level currently enrolled"; m4b_q14 , "Grade currently enrolled"; m4b_q15 , "Public/ Private school"; m4b_q16a, "Name of current school"; m4b_q16b, "Municipality Name"; m4b_q16c, "Code of school"; m4b_q17 , "Distance from home"; m4b_q18 , "Stays in another location closer to school"; m4b_q19 , "Hours to travel"; m4b_q20 , "Minutes to travel"; m4b_q21 , "Means to get to school"; m4b_q22 , "Amount spent monthly on transportation"; m4b_q23 , "Amount spent on school fees"; m4b_q24 , "Amount spent on Uniforms"; m4b_q25 , "Amount spent on textbooks"; m4b_q26 , "Amount spent on other educational materials"; m4b_q27 , "Amount spent on meals and/or lodging"; m4b_q28 , "Amount spent on other expenses"; m4b_q29 , "Total"; m4b_q30 , "Received any private tutoring during current academic year"; m4b_q31 , "Number of subjects tutored"; m4b_q32 , "Tutor"; m4b_q33 , "Paying for tutoring"; m4b_q34 , "Amount paid /hr"; m4b_q35 , "Amount spent per month on average for tutoring"; m4b_q36 , "HH paid for schooling cash or in-kind"; m4b_q37 , "Amount paid for schooling"; m4b_q38 , "HH paid for schooling services"; m4b_q39 , "Number of hours"; m4b_q40 , "Missed school for four or more weeks in current academic yea"; m4b_q41 , "Reason for missing school for more than 4 weeks"; m4b_q42 , "Currently receiving scholarship or subsidy for education"; m4b_q43 , "Value of the scholarship"; m5a_q00 , "ID Code"; m5a_q0a , "Respondent Code"; m5a_q01 , "Suffers from chronic illness or disability"; m5a_q2m , "Months suffering illness"; m5a_q2y , "Years suffering illness"; m5a_q03 , "Illness diagnosed by a professional"; m5a_q04 , "Name of illness/disease"; m5a_q05 , "Currently taking medication"; m5a_q06 , "Days unable to carry out activities in past month"; m5a_q07 , "Has had sudden illness in past 4 weeks"; m5a_q08 , "Type of illness"; m5a_q09 , "Days unable to carry out usual activity"; m5a_q10 , "Rating of health condition"; m5a_q11 , "Comparison of health in relation with 1 yr ago"; m5a_q12 , "Visited public ambulatory in past 4 weeks"; m5a_q13 , "Number of times visited public ambulatory"; m5a_q14 , "Amount paid for all costs associated with outpatient visits"; m5a_q15 , "Value of gifts made to medical staff"; m5a_q16 , "Requested/Voluntary gift"; m5a_q17 , "Medicines prescribed during visits"; m5a_q18 , "Amount paid for medicines"; m5a_q19 , "Type of discount received for medicines prescribed"; m5a_q20 , "Amount paid for lab work"; m5a_q21 , "Amount paid for transport"; m5a_q22 , "Visited private doctor in past 4 weeks"; m5a_q23 , "Number of times visited private doctor"; m5a_q24 , "Amount paid for all costs associated"; m5a_q25 , "Value of gifts"; m5a_q26 , "Requested/Voluntary gift"; m5a_q27 , "Amount paid for medicines"; m5a_q28 , "Amount paid for lab work"; m5a_q29 , "Amount paid for transport"; m5a_q30 , "Visited nurse, paramedic or trained midwife in past 4 weeks"; m5a_q31 ,

	"Number of times visited nurse, paramedic or trained midwife"; m5a_q32 , "Amount paid"; m5a_q33 , "Value of gifts"; m5a_q34 , "Requested/Voluntary gift"; m5a_q35 , "Amount paid for medicines"; m5a_q36 , "Amount paid for lab work"; m5a_q37 , "Amount paid for transport"; m5a_q38 , "Visited popular doctor /alternative medicine provider in pas"; m5a_q39 , "Number of times visited popular doctor"; m5a_q40 , "Amount paid for all costs associated"; m5a_q41 , "Value of gifts"; m5a_q42 , "Requested/Voluntary gift"; m5a_q43 , "Amount paid for medicines"; m5a_q44 , "Amount paid for lab work"; m5a_q45 , "Amount paid for transport"; m5a_q46 , "Purchased any drug on own initiative during past 4 weeks"; m5a_q47 , "Amount paid for all drugs in past 4 weeks"; m5a_q48 , "Stayed in hospital or clinic in past 12 months"; m5a_q49 , "Number of admissions to hospital /clinic in past 12 months"; m5a_q50 , "Days in hospital in last 12 months"; m5a_q51 , "Type of hospital"; m5a_q52 , "Location of hospital"; m5a_q53 , "Amount paid for all costs related to hospital"; m5a_q54 , "Value of gifts"; m5a_q55 , "Requested/Voluntary gift"; m5a_q56 , "Amount paid for medicines"; m5a_q57 , "Amount paid for lab work"; m5a_q58 , "Amount paid for transport"; m5a_q59 , "Visited a dentist in past 12 months"; m5a_q60 , "Number of visits in past 12 months"; m5a_q61 , "Amount paid for all costs related to dentist visits"; m5a_q62 , "Value of gifts"; m5a_q63 , "Requested/Voluntary gift"; m5a_q64 , "Amount paid for medicines"; m5a_q65 , "Amount paid for lab work"; m5a_q66 , "Amount paid for transport"; m5a_q67 , "Has health license"; m5a_q68 , "Status of license"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)
income Module 14, Other Income	psu , "PSU"; hh , "Household ID"; me_q00 , "Line Number"; me_q01 , "Rental Income Label"; me_q02 , "Received payment for item"; me_q03 , "Amount received"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)
labor_a Module 7, Labour Part A	psu , "PSU"; hh , "Household ID"; m7a_q00 , "ID Code"; m7a_q01 , "Respondent Code"; m7a_q02 , "Worked for non HH member in past 7 days"; m7a_q03 , "Worked on a farm owned or rented by HH member in past 7 day"; m7a_q04 , "Worked on own account or HH member's in past 7 days"; m7a_q05 , "Answer Check"; m7a_q06 , "Done occasional jobs in past 7 days"; m7a_q07 , "Has permanent or term job although did not work in past 7 da"; m7a_q08 , "Main reason for not working in past 7 days"; m7a_q09 , "Tried to find job in past 4 weeks"; m7a_q10 , "Main reason for not looking for job in past 4 weeks"; m7a_q11 , "Efforts put into finding a job"; m7a_q12 , "Months looking for job"; m7a_q13 , "Able to start working in the following 2 weeks"; m7a_q14 , "Currently registered with the labor Office"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)
labor_b_cl Module 7, Labour Part B	psu , "PSU"; hh , "Household ID"; m7b_q00 , "Activity Code"; m7b_q0a , "ID Code"; m7b_q1a , "Occupation Description"; m7b_q1b , "Occupation Code"; m7b_q1c , "Occupation Code"; m7b_q1d , "Occupation Code"; m7b_q2a , "Activity related"; m7b_q2b , "Industry Code"; m7b_q2c , "Industry Code"; m7b_q2d , "Industry Code"; m7b_q03 , "Type of work"; m7b_q04 , "Days in past 7 days worked"; m7b_q05 , "Hours worked in past 7 days"; m7b_q06 , "Number of weeks worked in past 12 months"; m7b_q07 , "Performed other work in the last 7 days"; m7b_q08 , "Answer Check"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)
labor_c_cl Module 7, Labour Part C	psu , "PSU"; hh , "Household ID"; m7c_q00 , "ID Code"; m7c_q1a , "Occupation Description"; m7c_q1b , "Occupation Code"; m7c_q1c , "Occupation Code"; m7c_q1d , "Occupation Code"; m7c_q2a , "Month started job"; m7c_q2b , "Year started job"; m7c_q03 , "Place of work"; m7c_q04 , "Method for finding job"; m7c_q05 , "Time performing job"; m7c_q06 , "Position at job"; m7c_q07 , "Employer"; m7c_q08 , "Entitled to Social Security benefits"; m7c_q09 , "Receives wages"; m7c_q10 , "Last

	payment"; m7c_q11 , "Time unit"; m7c_q12 , "Received bonuses during last 12 months"; m7c_q13 , "Amount of last bonus"; m7c_q14 , "Months between bonuses"; m7c_q15 , "Other forms of payment"; m7c_q16 , "Amount of in-kind payments during last 12 months"; m7c_q18 , "Answer check"; m7c_q19a, "2nd Occupation"; m7c_q19b, "2nd Occupation Code"; m7c_q19c, "2nd Occupation Code"; m7c_q19d, "Occupation Code"; m7c_q20 , "Type of job"; m7c_q21 , "Position at job"; m7c_q22 , "Employer"; m7c_q23 , "Receives wages"; m7c_q24 , "Amount of last payment"; m7c_q25 , "Time Unit"; m7c_q26 , "Other forms of payment"; m7c_q27 , "Amount of payments"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)
labor_d_cl Module 7, Labour Part D	psu , "PSU"; hh , "Household ID"; m7d_q00 , "ID Code"; m7d_q01 , "Worked in past 12 months"; m7d_q02 , "Performed occasional job in past 12 months"; m7d_q03 , "Year worked last time"; m7d_q04 , "Reason for stop work"; m7d_q5a , "Description of last job"; m7d_q5b , "Occupation Code"; m7d_q5c , "Occupation Code"; m7d_q5d , "Occupation Code"; m7d_q6a , "Activity related"; m7d_q6b , "Industry Code"; m7d_q07 , "Type of work"; m7d_q08 , "Job in Albania"; m7d_q09 , "Country"; m7d_q10 , "Place of work"; m7d_q11 , "Position at work"; m7d_q12 , "Employer"; m7d_q13 , "Number of weeks worked in past 12 months"; m7d_q14 , "Hours worked per week"; m7d_q15 , "Received wages"; m7d_q16 , "Amount of net payment"; m7d_q17 , "Other forms of payment"; m7d_q18 , "Value of payments"; m7d_q19 , "Entitled to benefits of social security scheme in this job"; m7d_q0a , "Respondent ID"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)
maternity_a Module 6, Fertility Part A	psu , "PSU"; hh , "Household ID"; m6a_q00 , "Line Number"; m6a_q01 , "ID Code"; m6a_q02 , "ID Code of respondent"; m6a_q03 , "Ever given birth to a child"; m6a_q04 , "Number of children"; m6a_q05 , "Name of child"; m6a_q06 , "Single birth"; m6a_q07 , "Still living in HH"; m6a_q08 , "ID Code"; m6a_q9a , "Birth day"; m6a_q9b , "Birth month"; m6a_q9c , "Birth year"; m6a_q10 , "Child's sex"; m6a_q11 , "Still living"; m6a_q12a, "Days lived"; m6a_q12b, "Months lived"; m6a_q12c, "Years lived"; m6a_q13 , "Year child left HH"; m6a_q14 , "Place of residence"; m6a_q15a, "Highest Level of education"; m6a_q15b, "Highest grade of education"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)
maternity_b Module 6, Fertility Part B	psu "PSU", hh "Household ID", m6b_q0a "Id Code of mother", m6b_q02 "Name of the last born child", m6b_q03 "Child's ID Code", m6b_q04 "Attended prenatal consultations", m6b_q05 "Number of prenatal consultations", m6b_q6a "First consultation", m6b_q6b "Second consultation", m6b_q7a "First assistance at birth", m6b_q7b "Second assistance at birth", m6b_q08 "Place of birth", m6b_q9a "Kgs. weight at birth", m6b_q9b "Grms. weight at birth", m6b_q10 "Breastfed", m6b_q11 "Currently breastfeeding", m6b_q12 "Months exclusively breastfeeding", m6b_q13 "Given birth to another child", hhid "Household identifier", quest_num (number of the corresponding community questionnaire)
metadata_cl Cover sheet	psu , "PSU"; hh , "Household ID"; m0_q1a , "District"; m0_q1b , "District Label"; m0_q02 , "Municipality/Commune"; m0_q05a , "Enumerator's Code"; m0_q06a , "Supervisor Code"; m0_q07a , "Data Entry Operator's Code"; m0_q08d , "Day of Interview"; m0_q08m , "Month of Interview"; m0_q08y , "Year of Interview"; m0_q09 , "Enumerator Area"; m0_q10 , "Family Code from census registration"; m0_q08d2, "Day of Interview"; m0_q08m2, "Month of Interview"; m0_q08y2, "Year of Interview"; m0_ver , "Version"; m0_date , "Date of last modification"; m0_time , "Time of last modification"; m0_saved, "Saved"; m0_ur , "Urban/Rural"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)

ndurables_cl Module 3, Part C	psu , "PSU"; hh , "Household ID"; m3c_q01a, "Item Description"; m3c_q01b, "Item Code"; m3c_q01c, "Number of Items"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)
nonag_a_cl Module 13, Nonfarm Ent. Part A	psu , "PSU"; hh , "Household ID"; mda_q2a , "Enterprise ID"; mda_q2b , "Description of Enterprise"; mda_q2c , "Industry Code"; mda_q3a , "Person most informed"; mda_q3b , "Person's ID Code"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)
nonag_b_cl_2 Module 13, Nonfarm Ent. Part B	psu , "PSU"; hh , "Household ID"; mdb_q00 , "Enterprise ID"; mdb_q01 , "HH Member's ID"; mdb_q02 , "Respondent's ID Code"; mdb_q03 , "Months in operation"; mdb_q04 , "Years in operation"; mdb_q05 , "Place of operation"; mdb_q06 , "Number of rooms used by busines"; mdb_q07 , "Shared ownership"; mdb_q08 , "Number of HH other owners live in"; mdb_q09 , "Share of the profits kept by HH"; mdb_q10 , "Enterprise registered in tax office"; mdb_q11 , "Enterprise keeps accounting"; mdb_q12 , "Business in operation during past 14 days"; mdb_q13 , "Spent time working in enterprise during past 14 days"; mdb_q14 , "Number of other HH members worked in past 14 days"; mdb_q15 , "Number of people worked in past 14 days"; mdb_q16 , "Other members working in past 12 months"; mdb_q17 , "Number of HH members worked in past 12 months"; mdb_q18 , "Spent time working in past 12 months"; mdb_q19 , "Number of HH members worked in enterprise during past 12 mon"; mdb_q20 , "Number of people employed by enterprise in past 12 months"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)
nonag_c_cl_2 Module 13, Nonfarm Ent. Part C	psu , "PSU"; hh , "Household ID"; mdc_q00 , "Enterprise ID"; mdc_q01 , "Days in operation during past 14 days"; mdc_q02 , "Amount received from sales in past 14 days"; mdc_q03 , "Non-cash transactions in past 14 days"; mdc_q04 , "Value of the transactions"; mdc_q05 , "HH consumed business's produced goods in past 14 days"; mdc_q06 , "Value of goods and services consumed by HH"; mdc_q07 , "Months in operation in past 12 months"; mdc_q08 , "Reason for not operating the entire year"; mdc_q09 , "Days per month in operation"; mdc_q10a, "Sales in Jan"; mdc_q10b, "Sales in Feb"; mdc_q10c, "Sales in Mar"; mdc_q10d, "Sales in Apr"; mdc_q10e, "Sales in May"; mdc_q10f, "Sales in Jun"; mdc_q10g, "Sales in Jul"; mdc_q10h, "Sales in Aug"; mdc_q10i, "Sales in Sep"; mdc_q10j, "Sales in Oct"; mdc_q10k, "Sales in Nov"; mdc_q10l, "Sales in Dec"; mdc_q11 , "Level of sales in a high month"; mdc_q12 , "Level of sales in an average month"; mdc_q13 , "Level of sales in a low month"; mdc_q14 , "Non-cash transactions in past 12 months"; mdc_q15 , "Value of transactions"; mdc_q16 , "Consumed goods or services produced by business"; mdc_q17 , "Value of consumptions in an average sales month"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)
nonag_d_cl_2 Module 13, Nonfarm Ent. Part D	psu , "PSU"; hh , "Household ID"; mdd_q00 , "Enterprise"; mdd_q0x , "Input label"; mdd_q01 , "Enterprise Label"; mdd_q02 , "Amount spent in total on average month"; mdd_q03 , "Used Item on average month"; mdd_q04 , "Corresponding amount"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)
nonag_e_cl Module 13, Nonfarm Ent. Part E	psu , "PSU"; hh , "Household ID"; mde_q00 , "Enterprise ID Code"; mde_q0a , "Item label"; mde_q0x , "Assets label"; mde_q01 , "Enterprise owns item"; mde_q02 , "Enterprise sole owner of item"; mde_q03 , "Estimated value of item"; mde_q04 , "Business acquired assets in past 12 months"; mde_q05 , "Business sold any assets during past 12 months"; mde_q06 , "Amount received in total from sale of business assets in pas"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)

nonfood_12m_cl Module 11, Nonfood Exp Part C	psu , "PSU"; hh , "Household ID"; mbc_q00 , "Code"; mbc_q01 , "Item"; mbc_q02 , "Bought item in past 12 months"; mbc_q03 , "Amount spent in past 12 months"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)
nonfood_1m_cl Module 11, Nonfood Exp Part A	psu , "PSU"; hh , "Household ID"; mba_q00 , "Code"; mba_q01 , "Item"; mba_q02 , "Bought item in past 30 days"; mba_q03 , "Amount spent in past 30 days"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)
nonfood_6m_cl Module 11, Nonfood Exp Part B	psu , "PSU"; hh , "Household ID"; mbb_q00 , "Code"; mbb_q01 , "Item"; mbb_q02 , "Bought item in past 6 months"; mbb_q03 , "Amount spent in past 6 months"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)
subjpov_cl Module 9, Subjective Poverty	psu , "PSU"; hh , "Household ID"; m09_q0a , "Respondent Name"; m09_q00 , "ID Code"; m09_q01 , "Satisfaction with current situation"; m09_q02 , "Impression of past financial situation"; m09_q03 , "Opinion of future financial situation"; m09_q04 , "Minimum monthly income needed"; m09_q05 , "Current HH income"; m09_q06 , "Description of current food consumption level"; m09_q07 , "Description of food, clothing and housing level"; m09_q08 , "Consternation of being able to provide family with basic nee"; m09_q09 , "Economic status"; m09_q10 , "Life satisfaction"; m09_q11 , "Opinion of life"; m09_q12 , "Future expectative"; m09_q13 , "Life concern"; m09_q14 , "Future share of income"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)
transfer_a Module 8, Transfers & Social Assistance Part A	psu , "PSU"; hh , "Household ID"; m8a_q00 , "ID Code"; m8a_q02 , "Name of people who provided assistance"; m8a_q03 , "Relationship to Head of HH"; m8a_q04 , "Donor lives in Albania"; m8a_q05 , "Residence of donor"; m8a_q06 , "Year since donor lives in country"; m8a_q07 , "Donor has lived in country continuously"; m8a_q08 , "Type of institution"; m8a_q09 , "Money received from donor"; m8a_q10 , "Assistance sent for specific reason"; m8a_q11 , "Main reason"; m8a_q12 , "Assistance in other forms"; m8a_q13 , "Value of assistance in cash"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)
transfer_b Module 8, Transfers & Social Assistance Part B	psu , "PSU"; hh , "Household ID"; m8b_q00 , "ID Code"; m8b_q02 , "Name of person or institution HH sent assistance to"; m8b_q03 , "Relationship to Head of HH"; m8b_q04 , "Amount sent"; m8b_q05 , "Specific reason"; m8b_q06 , "Main reason for sending assistance"; m8b_q07 , "Sent any assistance in other forms"; m8b_q08 , "Value of assistance in cash"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)
transfer_c_cl Module 8, Transfers & Social Assistance Part C	psu , "PSU"; hh , "Household ID"; m8c_q00 , "Source"; m8c_q0a , "Source Label"; m8c_q01 , "Any HH member received payment from source"; m8c_q02 , "Number of members benefited"; m8c_q03 , "ID Code of First member benefited"; m8c_q4a , "Month started receiving assistance"; m8c_q4b , "Year started receiving assistance"; m8c_q05 , "Amount of last payment"; m8c_q06 , "Months payment is referred to"; m8c_q07 , "Currently owed any payment"; m8c_q08 , "Total amount owed"; m8c_q09 , "Time of arrears"; m8c_q10 , "Other member of HH received income from source"; m8c_q11 , "2nd Member's ID Code"; m8c_q12a, "Month started receiving assistance"; m8c_q12b, "Year started receiving assistance"; m8c_q13 , "Amount of last payment"; m8c_q14 , "Months payment is referred to"; m8c_q15 , "Currently owed any payments"; m8c_q16 , "Total amount owed"; m8c_q17 , "Time of arrears"; m8c_q18 , "Other member received income from source"; m8c_q19 , "3rd Member's ID Code";

	m8c_q20a, "Month started receiving assistance"; m8c_q20b, "Year started receiving assistance"; m8c_q21 , "Amount of last payment"; m8c_q22 , "Months payment is referred to"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)

ii) Diary data files

FILE	VARIABLE AND LABEL
bchecklist_cl Household Consumption Checklist	psu , "PSU"; Hh , "Household ID"; mad_q00 , "Line Number"; mad_q0a , "Code"; mad_q01 , "Description"; mad_q02 , "Check option"; mad_q03 , "Dairy status"; mad_q04 , "Frequency of bought"; mad_q05 , "Quantity"; mad_q06 , "Unit of measure"; mad_q07 , "Total value of the purchase"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)
bookdaily_cl Daily Purchased Products	psu , "PSU"; hh , "Household ID"; maa_q08d, "Day"; maa_q08m, "Month"; maa_q08y, "Year"; maa_q01 , "Line Number"; maa_q03 , "Code"; maa_q04 , "Quantity"; maa_q05 , "Unit of measure"; maa_q06 , "Value"; maa_q07 , "Period of consumption"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)
bfoodeaten_cl Food Eaten Outside Home	psu , "PSU"; hh , "Household ID"; mac_q08d, "Day"; mac_q08m, "Month"; mac_q08y, "Year"; mac_q01 , "Line Number"; mac_q03 , "Code"; mac_q04 , "Amount spent"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)
bmetadata Cover sheet	psu , "PSU"; hh , "Household ID"; ma_q03 , "Enumerator's Code"; ma_q04d , "Day of beginning"; ma_q04m , "Month of beginning"; ma_q04y , "Year of beginning"; ma_q05d , "Day of finishing"; ma_q05m , "Month of finishing"; ma_q05y , "Year of finishing"; ma_ver , "Version"; ma_date , "Date of last modification"; ma_time , "Time of last modification"; ma_saved, "Saved"; ma_q06 , "DE Operator Code"; ma_q07 , "Verif. Operator Code"; ma_q08 , "Date Verified (Month)"; ma_q09 , "Date Verified (Day)"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)
bnonpurchased_cl Non-purchased Products	psu , "PSU"; hh , "Household ID"; mab_q08d, "Day"; mab_q08m, "Month"; mab_q08y, "Year"; mab_q01 , "Line Number"; mab_q03 , "Code"; mab_q04 , "Quantity"; mab_q05 , "Unit of measure"; mab_q06 , "Value"; mab_q07 , "Source"; hhid, "Household identifier" , quest_num (number of the corresponding community questionnaire)

iii) Community data files

c_access Section 3A, Access to services	ur_area "Urban-Rural", quest_num "Questionnaire Number", c03_q01 "Present in community", c03_q02 "Distance", c03_q3a "Hours to travel", c03_q3b "Minutes to travel", c03_q04 "Mean of transportation", c03_q05 "Value of 1 way fare", c03_q00 "Community Service"
c_basic	ur_area "Urban-Rural", quest_num "Questionnaire Number", c00_q0a "Mini-Bashkia", c00_q1n "Name of District", c00_q1c "District Code", c00_q02

Cover & Section 1 (urban)	"Name of Community", c00_q03 "Codes Enumeration Areas", c00_q04 "Name of supervisor", c00_q05 "Supervisor Code", c00_q06 "Name of Data EntryOperator", c00_q07 "Code", c00_q7d "Day of Interview", c00_q7m "Month of Interview", c00_q7y "Year of Interview", c11_q0a "N Columns in Price list", c1a_q01 "Neighborhood/Bashkia/Sector", c1a_q02 "Population of this community/town/city", c1a_q03 "Population of this town/city
c_chars Section 2, Basic Characteristics	ur_area "Urban-Rural", quest_num "Questionnaire Number", c2_q01 "Information", c2_q02 "Number of people living in", "community", c2_q03 "Population change in past 5", "years", c2_q04 "Housing conditions change in", "past 5 years", c2_q05 "Comparison of living conditions", c2_q6a "Major problems affecting the", "community", c2_q6b "Major problems affecting the", "community", c2_q6c "Major problems affecting the", "community", c2_q07_1 "Transport access", c2_q07_2 "Transport access", c2_q07_3 "Transport access", c2_q07_4 "Transport access", c2_q07_5 "Transport access", c2_q07_6 "Transport access", c2_q08 "Change of roads since 1997"
c_credit Section 10, Credit	ur_area "Urban-Rural", quest_num "Questionnaire Number", c10_q01 "Sources of credit", c10_q02 "Annual Interest Rate", c10_q03 "Source of credit located within community"
c_educa Section 3B, Education	ur_area "Urban-Rural", quest_num "Questionnaire Number", c3b_q00 "Line Number", c3b_q01 "New built or substantially improved", c3b_q02 "Number of teachers", c3b_q03 "Number of children", c3b_q4a "Name of school", c3b_q4b "Municipality", c3b_q05 "Teachers assistance", c3b_q06 "Days", c3b_q07 "School has Toilet", c3b_q08 "School has Water", c3b_q09 "School has Electricity", c3b_q10 "School has Green areas", c3b_q11 "Sufficient primary schools", c3b_q12 "Attendance"
c_healtr Section 3C, Health	ur_area "Urban-Rural", quest_num "Questionnaire Number", c3c_q01 "Ambulantias built in past five years", c3c_q02 "Time center is open for community", c3c_q3a "Health center has sufficient instruments and equipment", c3c_q3b "Health center has sufficient Medical personnel", c3d_q01 "Improvement of public transport service in last 5 years", c3d_q02 "Most common transportation", c3d_q3a "Main problem with public transport", c3d_q3b "2nd problem with public transport", c3d_q04 "Availability of service to the community", c3d_q05 "Public transport is main means of transport for …",
c_other Section 5, Community Organization Section 6, Community Safety Section 7, Migration Section 8, Child Labour	ur_area "Urban-Rural", quest_num "Questionnaire Number", c5a_q00 "Organization Code", c5a_q01 "Organization in community", c5a_q02_01 "Exists in community", c5a_q02_02 "Exists in community", c5a_q02_03 "Exists in community", c5a_q02_04 "Exists in community", c5a_q02_05 "Exists in community", c5a_q02_06 "Exists in community", c5a_q02_07 "Exists in community", c5a_q02_08 "Exists in community", c5a_q02_09 "Exists in community", c5a_q02_10 "Exists in community", c5a_q02_11 "Exists in community", c5a_q02_12 "Exists in community", c5a_q02_13 "Exists in community", c5a_q02_14 "Exists in community", c5a_q02_15 "Exists in community", c5a_q3a "Organization that works the most to solve problems", c5a_q3b "Organization that has the most members", c5a_q3c "Organization that has the least members", c5b_q1a "How often members met to raise funds", c5b_q1b "How often members met to Make common proposals", c5b_q1c "How often members met to Seek help from NGO",

Section 9, Problems Related to the Environment	c5b_q02 "Was community succesfull in achieving objectives", c5b_q03_1 "People in community work together to solve", c5b_q03_2 "People in community work together to solve", c5b_q03_3 "People in community work together to solve", c5b_q03_4 "People in community work together to solve", c5b_q03_5 "People in community work together to solve", c5b_q03_6 "People in community work together to solve", c5b_q4a "People working the most in solving community problems", c5b_q4b "People working the most in solving community problems", c5b_q5a "Agreement with sentence", c5b_q5b "Agreement with sentence", c5b_q5c "Agreement with sentence", c5b_q06 "Ever heard of the NSESD", c5b_q07 "Definition of NSESD", c06_q01_1 "Problems in community related to", c06_q01_2 "Problems in community related to", c06_q01_3 "Problems in community related to", c06_q01_4 "Problems in community related to", c06_q01_5 "Problems in community related to", c06_q01_6 "Problems in community related to", c06_q01_7 "Problems in community related to", c06_q01_8 "Problems in community related to", c06_q1b "Most important problem", c06_q1c "Second most important problem", c06_q02_1 "Crimes occuring in community", c06_q02_2 "Crimes occuring in community", c06_q02_3 "Crimes occuring in community", c06_q02_4 "Crimes occuring in community", c06_q02_5 "Crimes occuring in community", c06_q03 "Who commits crimes", c06_q04 "Report of crimes", c06_q05 "Reason for not reporting", c07_q01 "People leave to work somewhere else", c07_q02 "Gender", c07_q03 "Most frequent place to leave to", c07_q04 "Migration to community", c07_q05 "Place they come from", c07_q6a "1st main activity", c07_q6b "2nd main activity", c08_q01 "Children under 15 working", c08_q02 "Children work with their parents", c08_q03 "Children paid", c08_q04 "Working children stop going to school", c08_q05 "Children working with their parents stop going to school", c09_q01_1 "Problems related to", c09_q01_2 "Problems related to", c09_q01_3 "Problems related to", c09_q01_4 "Problems related to", c09_q01_5 "Problems related to", c09_q01_6 "Problems related to", c09_q01_7 "Problems related to", c09_q02_1 "Cases of", c09_q02_2 "Cases of", c09_q02_3 "Cases of", c09_q02_4 "Cases of", c09_q02_5 "Cases of", c09_q02_6 "Cases of", c09_q03_1 "Any", c09_q03_2 "Any", c09_q03_3 "Any", c09_q03_4 "Any", c09_q03_5 "Any", c09_q03_6 "Any", c09_q04 "Improvement of environment"
c_resp Section 1, Respondents	ur_area "Urban-Rural", quest_num "Questionnaire Number", c01_q00 "ID Code", c01_q01 "Name", c01_q02 "Age", c01_q03 "Sex", c01_q04 "Position in community", c01_q05 "Years in position", c01_q6a "Level", c01_q6b "Highest grade completed", c01_q07 "Time living in community",
c_servic Section 4A, Service Availability	ur_area "Urban-Rural", quest_num "Questionnaire Number", c4a_q01 "Does community have", c4a_q02 "Quality", c4a_q03 "Improvement of services in past 5 years", c4a_q04 "Portion of community covered", c4a_q00 "Service List",
c_squal Section 4B, Sewage & Drainage	ur_area "Urban-Rural", quest_num "Questionnaire Number", c4b_q1a "Percentage connected to sewage", c4b_q1b "Percentage connected to septic tank", c4b_q02_1 "Other method of sewage A", c4b_q02_2 "Other method of sewage A", c4b_q02_3 "Other method of sewage A", c4b_q02_4 "Other method of sewage A", c4b_q02_5 "Other method of sewage A", c4b_q03_1 "Garbage disposal method", c4b_q03_2 "Garbage disposal method",

	c4b_q03_3 "Garbage disposal method", c4b_q03_4 "Garbage disposal method", c4b_q03_5 "Garbage disposal method", c4b_q03_6 "Garbage disposal method", c4b_q03_7 "Garbage disposal method", c4b_q03_8 "Garbage disposal method", c4b_q03_9 "Garbage disposal method", c4b_q4a "1st method HH uses for garbage disposal", c4b_q4b "2nd method used for garbage disposal"
price_list_cl1 Price questionnaire	ur_area "Urban-Rural", quest_num "Questionnaire Number", m11_q00 "Item Code", m11_q02 "Item Description", m11_q03 "Item Price", m11_q04 "Item Price", m11_q05 "Item Price ", ",

iv) Weight file

weights.dta	psu "PSU", hh "Household ID", distr "District", distr_n "District Label", hhid "Household identifier", stratum "Stratum", ur "Urban/Rural", hhsize "(mean) hhsize", weight "Household weights"

Annex 3 Documents Available

The following documents form the complete documentation available on the 2002 Albania LSMS.

Questionnaires

Household Questionnaire
Food diary (booklet)   } (Albanian and English)
Community and price questionnaire

Training manuals
Enumerator and supervisor manual (Albanian only)
Community Questionnaire Supervisor Instructions (Albanian Only)

Other documents
Basic information document [this document] (English only)
Sampling implementation report [Annex 5 to this document] (English only)
Construction of the Consumption Aggregate and Estimation of the Poverty Line (English only)

Annex 4 Codes not Found in the Questionnaires

Food codes for the 14 day diary (COICOP Codes), Albanian and English

	Food and non-alcoholic beverages	
Code/Kodet	**Emertimi**	**Classification**
11131	Oriz	Rice
11111	Buke e Zakonshme	Bread
11112	Buke speciale	Special bread
11113	Buke misri	Maize bread
11114	Buke e bere ne shtepi	Homemade bread
11121	Buke e thekur	Toasted bread
11122	Biskota	Biscuits
11123	Biskota per Aperitive	Crisp-bread
11124	Kruasane	Croissant
11134	Makarona	Pasta
11135	Pete	Pies
11136	Trahana	Trahana
11125	Pasticeri	Pastry cook
11929	Kadaif	Cadaif
1192A	Bakllava	Baklava
11928	Embelsira gjysme te gatshme	Half-processed sweats
11139	Pjekje ne furre	Baking ?
11126	Embelsira te Ftohta e ngrirre	Frozen sweets
11132	Miell	Flour
11133	Korn- flakes	Corn-flakes
11137	Niseshte	Starch
1192E	Hashure	
11211	Mish vici i fresket	Fresh veal
11212	Mish vici i perpunuar	Processed veal
11213	Mish i ngrire (importi)	Frozen veal
11214	Kocka vici	Veal bones
11215	Qofte	Croquette
11231	Mish derri i Fresket	Fresh pork
11232	Mish derri i perpunuar	Processed pork
11233	Mish derri i Ngrire	Frozen pork
11221	Mish Qengji dashikeci i fresket	Fresh sheep
11222	Mish Qengji Dashi Keci i ngrire	Frozen sheep
11241	Mish Pule i fresket	Fresh chicken

11242	Mish pule i ngrire	Frozen chicken
11243	Shpende te tjere te ngrire	Other frozen poultry
11244	Mish Shpezesh te tjera	Other poultry
11271	Sallam vendi	Home produced sausages
11272	Sallam importi	Imported sausage
11273	Mortadele	Mortadella
11274	Kremvice	Sausage
11276	Proshute	Bacon
11261	Tru	Brain
11262	Melci vici lope	Veal's liver
11263	Melci pule	Chicken's liver
11264	Te Brendeshme te tjera	Other intestines
11265	Te Brendeshme te Ngrira	Frozen intestines
11251	Mish i konservuar	Preserved meat
11311	Peshk i fresket	Fresh fish
11312	Fileto peshku	Fish fillet
11313	Peshk i ngrire	Frozen fish
11321	Krustake te fresket	Fresh lobsters
11322	Karkaleca te fresket	Fresh shrimps
11323	Molusqe te fresket	Fresh sea shells
11314	Peshk i tymosur i thate	Dried smoked fish
11315	Peshk konserve	Preserved fish
11316	Veze peshku te fresketa	Spawn
11324	Molusqe te konservuara	Preserved sea shells
11411	Qumesht	Milk
11412	Qumesht i kondensuar pluhur	Condensed, powdered milk
11431	Kos natural	Natural yogurt
11432	Kos frutash	Yogurt with fruit
11421	Djath i bardhe	White cheese
11422	Djath kackavall	Kackavall cheese
11423	Djath i shkrire	Melted cheese
11424	Gjize	Curd
11413	Krem qumeshti	Cream milk
11451	Veze pule	Eggs
11452	Veze rose pate	Poultry eggs
11441	Gjalpe	Butter
11514	Margarine	Margarine

11512	Vaj ulliri	Olive oil
11511	Vaj luledielli	Sun-flower oil
11513	Vaj misri vaj soje	Soybean oil, corn oil
11621	Portokalle	Orange
11622	Mandarina	Mandarin
11623	Limona	Lemon
11624	Grejpfrut	Grapefruit
11625	Banane	Bananas
11611	Molle	Apples
11612	Dardha	Pears
11613	Pjeshka	Peach
11618	Kajsi	Apricot
11619	Qershi	Cherry
1161A	Kumbulla	Plum
11614	Rrush	Grapes
11615	Luleshtrydhe	Strawberry
11616	Pjeper	Melon
11617	Shalqi	Water-melon
1161C	Fiq	Fig
1161D	Shege	Pomegranate
1161E	Ftonj	Quince
11626	Kivi	Kiwi
11627	Fruta te tjera ekzotike	Other tropical fruits
1161B	Hurma	Dates
11631	Geshtenja	Chestnut
11632	Arra bajame lajthi kikrike pa kripe	Almond, nuts etc
11633	Bajame kikirike te kripur	Salted almonds, nuts..
11634	Arra bajame kikirike te qeruar	Shelled almonds, nuts
11635	Kumbulla molle rrush te thate	Dried fruit
11644	Fruta te ngrira	Frozen fruits
1171C	Sallate jeshile	Salad
1171F	Spinaq	Spinach
1171K	Cikore	Chicory
11717	Laker	Cabbages
11718	Lule-laker	Cauliflower
11711	Domate	Tomatoes
11712	Kastravec	Cucumber
11713	Bizele	Green beans

11714	Bamje	Okra
11715	Mashurka	Kidney beans
1171B	Kunguj	Zucchini
1171D	Patellxhane	Eggplant
1171E	Speca	Pepper
1171J	Ullinj	Olive
11723	Bathe	Beans
11716	Karrota	Carrots
11719	Rrepa	Turnip
1171A	Panxhar i kuq	Red beetroot
1171G	Qepe te njoma	Fresh onion
1171H	Hudhra te njoma	Fresh garlic
1171I	Kepurdha te fresketa	Mushrooms
1171M	Presh	Leek
11724	Qepe hudhra te thata	Dried onion, garlic
11721	Fasule	White beans
11722	Thjereza	Lentil
1192C	Fara	Sunflower, zucchini seeds
11742	Bizele te ngrira	Frozen beans
11743	Speca te ngrira	Frozen pepper
11744	Bamje te ngrira	Frozen okra
11745	Mashurka te ngrira	Frozen kidney beans
11747	Domate te ngrira	Frozen tomatoes
11751	Bizele te konservuara	Conserved beans
11752	Kastraveca te konservuar	Conserved cucumber
11753	Speca te konservuar	Conserved pepper
11755	Kepurdha te konservuar	Cons. Mushrooms
11756	Mashurka te konservuar	Conserv. Kidney beans
11757	Fasule te konservuara	Conserv. Beans
11758	Ullinj te konservuar	Conserv. Olives
11759	Thjereza te konservuara	Conserv. Lentil
1175A	Qepujka te konservuara	Conserv. Onion
1175B	Turshi (kastravece laker domate..)	Pickles
1175C	Salce domate	Tomatoes sauce
11731	Patate	Potatoes
11732	Patate te dehidratuara (pure…)	Dehidrat. Potatoes
11741	Patate te ngira	Frozen potatoes
11725	Perime te tjera	Other vegetables
11710	Perime te paspecif	Unspecified vegetables
11811	Sheqer	Sugar
11831	Recel	Jams
11832	Marmalate	Marmalades
11833	Komposto	Compotes

11812	Mjalte	Honey
11834	Pure frutash	Fruit purees
11821	Llokume	Turkish delights
11822	Karamele te ndryshme	Caramel
11823	Bonbone cokollate	Cocholates, bombones
11824	Camcakize	Chewing gum
11825	Fruta te Sheqerosura	Sugared fruit
11826	Xhelatine	Jelly
1192D	Hallvasi	Hallvasi
1192B	Akullore	Ice-cream
11916	Uthull vendi	Vinegar
11918	Majoneze	Mayonnaise
11919	Mustarde	Mustard
1191B	Salca te tjera	Other sauces
11911	Kripe	Salt
11912	Piper i zi	Black pepper
11913	Piper i kuq	Red pepper
11914	Limontoz	Tartaric acid
11917	Spec djeges	Spice
11923	Karafil	Cloves
11924	Kanelle	Cinnamon
11926	Aroma te ndryshme	Other aromas
1171L	Ereza	Condiments
11915	Sode buke	Sodium
1191C	Leng limoni	Lemon juice
1191D	Vanilje	Vanilla
11921	Supe e dehidratuar	Dehidrat. Soup
11922	Leng mishi	Broth
11925	Veze pluhur	Powdered egg
11927	Maja	Yeast
11141	Ushqime dhe lengje per femije	Baby foods
12111	Kafe	Coffee
12112	Caj	Tea
12113	Kakao	Cocoa
12114	Salep	Salep
12218	Boze	Boze
12211	Uje mineral	Mineral water
12214	Pije joalkoolike me gaz(shishe plastike)	Non-alcoholic beverages
12215	Pije freskuese me gaz (shishe qelqi)	Non-alcoholic beverages

12217	Pije te gazuara me kanace	Teen beverages
12219	Aperitive	Aperitifs
12212	Lengje frutash	Fruit juices
12213	Leng limoni	Lemon juice
12216	Nektare frutash	Fruit nectar
KODI	**Ushqime jashte shtepise**	**Food outside home**
9811C	Sallate ne restorant	Salad in restaurant
9811D	Antipaste ne restorant	Entrée in restaurant
9811E	Pjate e pare	First dish
9811F	Pjate e dyte	Second dish
9811G	Embelsire ne restorant	Sweets in restaurant
9811H	Fruta ne restorant	Fruits in restaurant
9811O	Pilaf ne restorant	Risotto in restaurant
9811P	Paçe ne lokal	Extract and juices of meat in restaurant
9811Q	Kos ne lokal	Yogurt in restaurant
99711	Dreke/darke ne restorant	Lunch/dinner in restaurant
98100	Ushqim I gatshem I paspecifikuar	Prepared food(unspecified)
98111	Pica	Pizza
98112	Byrek	Byrek
98113	Cips	Chips
98114	Hamburger	Hamburger
98115	Qebap me buke	Qebab
98116	Pule	Chicken roasted
98117	Sallam me buke	Hot dogs
98118	Berxolle biftek me buke	Bread and chops
98119	Djathe me veze e buke	Bread and cheese
9811A	Mish lope vici I tregtuar	Processed veal/cow meat
9811B	Mish vici konserve	Preserved veal's meat
9811I	Kafe ne lokal	Coffee in the bar
9811J	Çaj ne lokal	Tea in the bar
9811K	Uje ne lokal	Water in the bar
9811L	Lengje frutash ne lokal	Fruit juices in the bar
9811M	Pije me gaz ne lokal	Non-alcoholic beverages in the bar
9811R	Dreke ne mence	Lunch in the canteen

MAJOR GROUP 1
LEGISLATORS, SENIOR
OFFICIALS AND MANAGERS

11   LEGISLATORS AND SENIOR
OFFICIALS
111   LEGISLATORS
1110 Legislators

112   SENIOR GOVERNMENT
OFFICIALS
1120 Senior government
officials

113   TRADITIONAL CHIEFS AND
HEADS OF VILLAGES
1130 Traditional chiefs and
heads of villages

114   SENIOR OFFICIALS OF
SPECIAL-INTEREST ORGANISATIONS
1141 Senior officials of
political-party organisations
1142 Senior officials of
employers', workers' and other
economic-interest
     organisations
1143 Senior officials of
humanitarian and other special-
interest organisations

12   CORPORATE MANAGERS (This
group is intended to include
persons who - as
     directors, chief
executives or department
managers - manage enterprises or
organisations, or departments,
     requiring a total of three
or more managers.)
121   DIRECTORS AND CHIEF
EXECUTIVES
1210 Directors and chief
executives

122   PRODUCTION AND OPERATIONS
DEPARTMENT MANAGERS
1221 Production and operations
department managers in
agriculture, hunting, forestry
     and fishing
1222 Production and operations
department managers in
manufacturing

1223 Production and operations
department managers in
construction
1224 Production and operations
department managers in wholesale
and retail trade
1225 Production and operations
department managers in
restaurants and hotels
1226 Production and operations
department managers in
transport, storage and
     communications
1227 Production and operations
department managers in business
services
1228 Production and operations
department managers in personal
care, cleaning and
     related services
1229 Production and operations
department managers not
elsewhere classified

123   OTHER DEPARTMENT MANAGERS
1231 Finance and administration
department managers
1232 Personnel and industrial
relations department managers
1233 Sales and marketing
department managers
1234 Advertising and public
relations department managers
1235 Supply and distribution
department managers

1236 Computing services
department managers
1237 Research and development
department managers
1239 Other department managers
not elsewhere classified

13   GENERAL MANAGERS (This
group is intended to include
persons who manage
     enterprises, or in some
cases organisations, on their
own behalf, or on behalf
     of the proprietor, with
some non-managerial help and the
assistance of
     no more than one other
manager who should also be
classified in this sub- major

group as, in most cases, the tasks will be broader than those of a specialised
    manager in a larger enterprise or organisation. Non-managerial staff should be
    classified according to their specific tasks.
131   GENERAL MANAGERS
311   General managers in agriculture, hunting, forestry/ and fishing
1312 General managers in manufacturing
1313 General managers in construction
1314 General managers in wholesale and retail trade
1315 General managers of restaurants and hotels
1316 General managers in transport, storage and communications
1317 General managers of business services
1318 General managers in personal care, cleaning and related services
1319 General managers not elsewhere classified

MAJOR GROUP 2 PROFESSIONALS

21   PHYSICAL, MATHEMATICAL AND ENGINEERING SCIENCE PROFESSIONALS
211   PHYSICISTS, CHEMISTS AND RELATED PROFESSIONALS
2111 Physicists and astronomers

2112 Meteorologists
2113 Chemists
2114 Geologists and geophysicists

212   MATHEMATICIANS, STATISTICIANS AND RELATED PROFESSIONALS
2121 Mathematicians and related professionals
2122 Statisticians

213   COMPUTING PROFESSIONALS
2131 Computer systems designers and analysts
2132 Computer programmers
2139 Computing professionals not elsewhere classified

214   ARCHITECTS, ENGINEERS AND RELATED PROFESSIONALS
2141 Architects, town and traffic planners
2142 Civil engineers
2143 Electrical engineers
2144 Electronics and telecommunications engineers
2145 Mechanical engineers
2146 Chemical engineers
2147 Mining engineers, metallurgists and related professionals
2148 Cartographers and surveyors
2149 Architects, engineers and related professionals not elsewhere classified

22   LIFE SCIENCE AND HEALTH PROFESSIONALS
221   LIFE SCIENCE PROFESSIONALS
2211 Biologists, botanists, zoologists and related professionals
2212 Pharmacologists, pathologists and related professionals
2213 Agronomists and related professionals

222   HEALTH PROFESSIONALS (except nursing)
2221 Medical doctors
2222 Dentists
2223 Veterinarians
2224 Pharmacists
2229 Health professionals (except nursing) not elsewhere classified

223   NURSING AND MIDWIFERY PROFESSIONALS
2230 Nursing and midwifery professionals

23   TEACHING PROFESSIONALS
231   COLLEGE, UNIVERSITY AND HIGHER EDUCATION TEACHING PROFESSIONALS
2310 College, university and higher education teaching professionals

232   SECONDARY EDUCATION TEACHING PROFESSIONALS
2320 Secondary education teaching professionals

233   PRIMARY AND PRE-PRIMARY EDUCATION TEACHING PROFESSIONALS

2331　Primary education teaching professionals
2332　Pre-primary education teaching professionals

234　SPECIAL EDUCATION TEACHING PROFESSIONALS
2340　Special education teaching professionals

235　OTHER TEACHING PROFESSIONALS
2351　Education methods specialists
2352　School inspectors
2359　Other teaching professionals not elsewhere classified

24　OTHER PROFESSIONALS
241　BUSINESS PROFESSIONALS
2411　Accountants
2412　Personnel and careers professionals
2419　Business professionals not elsewhere classified

242　LEGAL PROFESSIONALS
2421　Lawyers
2422　Judges
2429　Legal professionals not elsewhere classified

243　ARCHIVISTS, LIBRARIANS AND RELATED INFORMATION PROFESSIONALS
2431　Archivists and curators
2432　Librarians and related information professionals

244　SOCIAL SCIENCE AND RELATED PROFESSIONALS
2441　Economists
2442　Sociologists, anthropologists and related professionals
2443　Philosophers, historians and political scientists
2444　Philologists, translators and interpreters
2445　Psychologists
2446　Social work professionals

245　WRITERS AND CREATIVE OR PERFORMING ARTISTS
2451　Authors, journalists and other writers
2452　Sculptors, painters and related artists
2453　Composers, musicians and singers

2454　Choreographers and dancers
2455　Film, stage and related actors and directors

246　RELIGIOUS PROFESSIONALS
2460　Religious professionals

MAJOR GROUP 3 TECHNICIANS AND ASSOCIATE PROFESSIONALS

31　PHYSICAL AND ENGINEERING SCIENCE ASSOCIATE PROFESSIONALS
311　PHYSICAL AND ENGINEERING SCIENCE TECHNICIANS
3111　Chemical and physical science technicians
3112　Civil engineering technicians
3113　Electrical engineering technicians
3114　Electronics and telecommunications engineering technicians
3115　Mechanical engineering technicians
3116　Chemical engineering technicians
3117　Mining and metallurgical technicians
3118　Draughtspersons
3119　Physical and engineering science technicians not elsewhere classified

312　COMPUTER ASSOCIATE PROFESSIONALS
3121　Computer assistants
3122　Computer equipment operators
3123　Industrial robot controllers

313　OPTICAL AND ELECTRONIC EQUIPMENT OPERATORS
3131　Photographers and image and sound recording equipment operators
3132　Broadcasting and telecommunications equipment operators
3133　Medical equipment operators
3139　Optical and electronic equipment operators not elsewhere classified

314　SHIP AND AIRCRAFT CONTROLLERS AND TECHNICIANS
3141　Ships' engineers

3142 Ships' deck officers and pilots
3143 Aircraft pilots and related associate professionals
3144 Air traffic controllers
3145 Air traffic safety technicians

315 SAFETY AND QUALITY INSPECTORS
3151 Building and fire inspectors
3152 Safety, health and quality inspectors

32 LIFE SCIENCE AND HEALTH ASSOCIATE PROFESSIONALS
321 LIFE SCIENCE TECHNICIANS AND RELATED ASSOCIATE PROFESSIONALS
3211 Life science technicians
3212 Agronomy and forestry technicians
3213 Farming and forestry advisers

322 MODERN HEALTH ASSOCIATE PROFESSIONALS (except nursing)
3221 Medical assistants
3222 Sanitarians
3223 Dieticians and nutritionists
3224 Optometrists and opticians
3225 Dental assistants
3226 Physiotherapists and related associate professionals
3227 Veterinary assistants
3228 Pharmaceutical assistants
3229 Modern health associate professionals (except nursing) not elsewhere classified

323 NURSING AND MIDWIFERY ASSOCIATE PROFESSIONALS
3231 Nursing associate professionals
3232 Midwifery associate professionals

324 TRADITIONAL MEDICINE PRACTITIONERS AND FAITH HEALERS
3241 Traditional medicine practitioners
3242 Faith healers

33 TEACHING ASSOCIATE PROFESSIONALS

331 PRIMARY EDUCATION TEACHING ASSOCIATE PROFESSIONALS

3310 Primary education teaching associate professionals

332 PRE-PRIMARY EDUCATION TEACHING ASSOCIATE PROFESSIONALS
3320 Pre-primary education teaching associate professionals

333 SPECIAL EDUCATION TEACHING ASSOCIATE PROFESSIONALS
3330 Special education teaching associate professionals

334 OTHER TEACHING ASSOCIATE PROFESSIONALS
3340 Other teaching associate professionals

34 OTHER ASSOCIATE PROFESSIONALS
341 FINANCE AND SALES ASSOCIATE PROFESSIONALS
3411 Securities and finance dealers and brokers
3412 Insurance representatives
3413 Estate agents
3414 Travel consultants and organisers
3415 Technical and commercial sales representatives
3416 Buyers
3417 Appraisers, valuers and auctioneers
3419 Finance and sales associate professionals not elsewhere classified

342 BUSINESS SERVICES AGENTS AND TRADE BROKERS
3421 Trade brokers
3422 Clearing and forwarding agents
3423 Employment agents and labour contractors
3429 Business services agents and trade brokers not elsewhere classified

343 ADMINISTRATIVE ASSOCIATE PROFESSIONALS
3431 Administrative secretaries and related associate professionals
3432 Legal and related business associate professionals

3433 Bookkeepers
3434 Statistical, mathematical and related associate professionals

3439 Administrative associate professionals not elsewhere classified

344 CUSTOMS, TAX AND RELATED GOVERNMENT ASSOCIATE PROFESSIONALS
3441 Customs and border inspectors
3442 Government tax and excise officials
3443 Government social benefits officials
3444 Government licensing officials
3449 Customs, tax and related government associate professionals not elsewhere classified

345 POLICE INSPECTORS AND DETECTIVES
3450 Police inspectors and detectives

346 SOCIAL WORK ASSOCIATE PROFESSIONALS
3460 Social work associate professionals

347 ARTISTIC, ENTERTAINMENT AND SPORTS ASSOCIATE PROFESSIONALS
3471 Decorators and commercial designers
3472 Radio, television and other announcers
3473 Street, night-club and related musicians, singers and dancers
3474 Clowns, magicians, acrobats and related associate professionals
3475 Athletes, sportspersons and related associate professionals

348 RELIGIOUS ASSOCIATE PROFESSIONALS
3480 Religious associate professionals

MAJOR GROUP 4
CLERKS
41 OFFICE CLERKS
411 SECRETARIES AND KEYBOARD-OPERATING CLERKS
4111 Stenographers and typists
4112 Word-processor and related operators

4113 Data entry operators
4114 Calculating-machine operators
4115 Secretaries

412 NUMERICAL CLERKS
4121 Accounting and bookkeeping clerks
4122 Statistical and finance clerks

413 MATERIAL-RECORDING AND TRANSPORT CLERKS
4131 Stock clerks
4132 Production clerks
4133 Transport clerks

414 LIBRARY, MAIL AND RELATED CLERKS
4141 Library and filing clerks
4142 Mail carriers and sorting clerks
4143 Coding, proof-reading and related clerks
4144 Scribes and related workers

419 OTHER OFFICE CLERKS
4190 Other office clerks

42 CUSTOMER SERVICES CLERKS
421 CASHIERS, TELLERS AND RELATED CLERKS
4211 Cashiers and ticket clerks
4212 Tellers and other counter clerks
4213 Bookmakers and croupiers
4214 Pawnbrokers and money-lenders
4215 Debt-collectors and related workers

422 CLIENT INFORMATION CLERKS
4221 Travel agency and related clerks
4222 Receptionists and information clerks
4223 Telephone switchboard operators

MAJOR GROUP 5
SERVICE WORKERS AND SHOP AND MARKET SALES WORKERS
51 PERSONAL AND PROTECTIVE SERVICES WORKERS
511 TRAVEL ATTENDANTS AND RELATED WORKERS
5111 Travel attendants and travel stewards
5112 Transport conductors

5113   Travel guides

512   HOUSEKEEPING AND RESTAURANT SERVICES WORKERS
5121   Housekeepers and related workers
5122   Cooks
5123   Waiters, waitresses and bartenders

513   PERSONAL CARE AND RELATED WORKERS
5131   Child-care workers
5132   Institution-based personal care workers
5133   Home-based personal care workers
5139   Personal care and related workers not elsewhere classified

514   OTHER PERSONAL SERVICES WORKERS
5141   Hairdressers, barbers, beauticians and related workers
5142   Companions and valets
5143   Undertakers and embalmers
5149   Other personal services workers not elsewhere classified

515   ASTROLOGERS, FORTUNE-TELLERS AND RELATED WORKERS
5151   Astrologers and related workers
5152   Fortune-tellers, palmists and related workers

516   PROTECTIVE SERVICES WORKERS
5161   Fire-fighters
5162   Police officers
5163   Prison guards
5169   Protective services workers not elsewhere classified

52   MODELS, SALESPERSONS AND DEMONSTRATORS

521   FASHION AND OTHER MODELS
5210   Fashion and other models

522   SHOP SALESPERSONS AND DEMONSTRATORS
5220   Shop salespersons and demonstrators

523   STALL AND MARKET SALESPERSONS
5230   Stall and market salespersons

MAJOR GROUP 6
SKILLED AGRICULTURAL AND FISHERY WORKERS

61   MARKET-ORIENTED SKILLED AGRICULTURAL AND FISHERY WORKERS
611   MARKET GARDENERS AND CROP GROWERS
6111   Field crop and vegetable growers
6112   Tree and shrub crop growers
6113   Gardeners, horticultural and nursery growers
6114   Mixed-crop growers

612   MARKET-ORIENTED ANIMAL PRODUCERS AND RELATED WORKERS
6121   Dairy and livestock producers
6122   Poultry producers
6123   Apiarists and sericulturists
6124   Mixed-animal producers
6129   Market-oriented animal producers and related workers not elsewhere classified

613   MARKET-ORIENTED CROP AND ANIMAL PRODUCERS

6130   Market-oriented crop and animal producers

614   FORESTRY AND RELATED WORKERS
6141   Forestry workers and loggers
6142   Charcoal burners and related workers

615   FISHERY WORKERS, HUNTERS AND TRAPPERS
6151   Aquatic-life cultivation workers
6152   Inland and coastal waters fishery/ workers
6153   Deep-sea fishery workers
6154   Hunters and trappers

62   SUBSISTENCE AGRICULTURAL AND FISHERY WORKERS
621   SUBSISTENCE AGRICULTURAL AND FISHERY WORKERS
6210   Subsistence agricultural and fishery/ workers

MAJOR GROUP 7
CRAFT AND RELATED TRADES WORKERS

71   EXTRACTION AND BUILDING TRADES WORKERS
711   MINERS, SHOTFIRERS, STONE CUTTERS AND CARVERS
7111 Miners and quarry workers
7112 Shotfirers and blasters
7113 Stone splitters, cutters and carvers

712   BUILDING FRAME AND RELATED TRADES WORKERS
7121 Builders, traditional materials

7122 Bricklayers and stonemasons
7123 Concrete placers, concrete finishers and related workers
7124 Carpenters and joiners
7129 Building frame and related trades workers not elsewhere classified

713   BUILDING FINISHERS AND RELATED TRADES WORKERS
7131 Roofers
7132 Floor layers and tile setters
7133 Plasterers
7134 Insulation workers
7135 Glaziers
7136 Plumbers and pipe fitters
7137 Building and related electricians

714   PAINTERS, BUILDING STRUCTURE CLEANERS AND RELATED TRADES
       WORKERS
7141 Painters and related workers
7142 Varnishers and related painters
7143 Building structure cleaners

72   METAL, MACHINERY AND RELATED TRADES WORKERS
721   METAL MOULDERS, WELDERS, SHEET-METAL WORKERS, STRUCTURAL-METAL
       PREPARERS, AND RELATED TRADES WORKERS
7211 Metal moulders and coremakers
7212 Welders and flamecutters
7213 Sheet metal workers
7214 Structural-metal preparers and erectors
7215 Riggers and cable splicers
7216 Underwater workers

722   BLACKSMITHS, TOOL-MAKERS AND RELATED TRADES WORKERS
7221 Blacksmiths, hammer-smiths and forging-press workers
7222 Tool-makers and related workers
7223 Machine-tool setters and setter-operators
7224 Metal wheel-grinders, polishers and tool sharpeners

723   MACHINERY MECHANICS AND FITTERS
7231 Motor vehicle mechanics and fitters
7232 Aircraft engine mechanics and fitters
7233 Agricultural- or industrial-machinery mechanics and fitters

724   ELECTRICAL AND ELECTRONIC EQUIPMENT MECHANICS AND FITTERS
7241 Electrical mechanics and fitters
7242 Electronics fitters
7243 Electronics mechanics and servicers
7244 Telegraph and telephone installers and servicers
7245 Electrical line installers, repairers and cable jointers

73   PRECISION, HANDICRAFT, PRINTING AND RELATED TRADES WORKERS
731   PRECISION WORKERS IN METAL AND RELATED MATERIALS
7311 Precision-instrument makers and repairers
7312 Musical instrument makers and tuners
7313 Jewellery and precious-metal workers

732   POTTERS, GLASS-MAKERS AND RELATED TRADES WORKERS
7321 Abrasive wheel formers, potters and related workers
7322 Glass makers, cutters, grinders and finishers
7323 Glass engravers and etchers
7324 Glass, ceramics and related decorative painters

733   HANDICRAFT WORKERS IN WOOD,TEXTILE, LEATHER AND RELATED MATERIALS

7331 Handicraft workers in wood and related materials
7332 Handicraft workers in textile, leather and related materials

734 PRINTING AND RELATED TRADES WORKERS
7341 Compositors, typesetters and related workers
7342 Stereotypers and electrotypers
7343 Printing engravers and etchers
7344 Photographic and related workers
7345 Bookbinders and related workers
7346 Silk-screen, block and textile printers

74 OTHER CRAFT AND RELATED TRADES WORKERS
741 FOOD PROCESSING AND RELATED TRADES WORKERS
7411 Butchers, fishmongers and related food preparers
7412 Bakers, pastry-cooks and confectionery makers
7413 Dairy-products makers
7414 Fruit, vegetable and related preservers
7415 Food and beverage tasters and graders
7416 Tobacco preparers and tobacco products makers

742 WOOD TREATERS, CABINET-MAKERS AND RELATED TRADES WORKERS
7421 Wood treaters
7422 Cabinet makers and related workers
7423 Woodworking machine setters and setter-operators
7424 Basketry weavers, brush makers and related workers

743 TEXTILE, GARMENT AND RELATED TRADES WORKERS
7431 Fibre preparers
7432 Weavers, knitters and related workers
7433 Tailors, dressmakers and hatters
7434 Furriers and related workers
7435 Textile, leather and related pattern-makers and cutters

7436 Sewers, embroiderers and related workers
7437 Upholsterers and related workers

744 PELT, LEATHER AND SHOEMAKING TRADES WORKERS
7441 Pelt dressers, tanners and fellmongers
7442 Shoe-makers and related workers

MAJOR GROUP 8
PLANT AND MACHINE OPERATORS AND ASSEMBLERS
81 STATIONARY-PLANT AND RELATED OPERATORS
811 MINING- AND MINERAL-PROCESSING PLANT OPERATORS
8111 Mining-plant operators

8112 Mineral-ore- and stone-processing-plan operators
8113 Well drillers and borers and related workers

812 METAL-PROCESSING-PLANT OPERATORS
8121 Ore and metal furnace operators
8122 Metal melters, casters and rolling-mill operators
8123 Metal-heat-treating-plant operators
8124 Metal drawers and extruders

813 GLASS, CERAMICS AND RELATED PLANT OPERATORS
8131 Glass and ceramics kiln and related machine operators
8139 Glass, ceramics and related plant operators not elsewhere classified

814 WOOD-PROCESSING- AND PAPERMAKING-PLANT OPERATORS
8141 Wood-processing-plant operators
8142 Paper-pulp plant operators
8143 Papermaking-plant operators

815 CHEMICAL-PROCESSING-PLANT OPERATORS
8151 Crushing-, grinding- and chemical-mixing machinery operators
8152 Chemical-heat-treating-plant operators

8153 Chemical-filtering- and separating-equipment operators
8154 Chemical-still and reactor operators (except petroleum and natural gas)
8155 Petroleum- and natural-gas-refining-plant operators
8159 Chemical-processing-plant operators not elsewhere classified

816 POWER-PRODUCTION AND RELATED PLANT OPERATORS
8161 Power-production plant operators
8162 Steam-engine and boiler operators
8163 Incinerator, water-treatment and related plant operators

817 AUTOMATED-ASSEMBLY-LINE AND INDUSTRIAL-ROBOT OPERATORS
8171 Automated-assembly-line operators
8172 Industrial-robot operators

82 MACHINE OPERATORS AND ASSEMBLERS
821 METAL- AND MINERAL-PRODUCTS MACHINE OPERATORS
8211 Machine-tool operators
8212 Cement and other mineral products machine operators

822 CHEMICAL-PRODUCTS MACHINE OPERATORS
8221 Pharmaceutical- and toiletry-products machine operators
8222 Ammunition- and explosive-products machine operators
8223 Metal finishing-, plating- and coating-machine operators
8224 Photographic-products machine operators
8229 Chemical-products machine operators not elsewhere classified

823 RUBBER- AND PLASTIC-PRODUCTS MACHINE OPERATORS
8231 Rubber-products machine operators
8232 Plastic-products machine operators

824 WOOD-PRODUCTS MACHINE OPERATORS
8240 Wood-products machine operators

825 PRINTING-, BINDING- AND PAPER-PRODUCTS MACHINE OPERATORS
8251 Printing-machine operators
8252 Bookbinding-machine operators
8253 Paper-products machine operators

826 TEXTILE-, FUR- AND LEATHER-PRODUCTS MACHINE OPERATORS
8261 Fibre-preparing-, spinning- and winding machine operators
8262 Weaving- and knitting-machine operators
8263 Sewing machine operators
8264 Bleaching-, dyeing- and cleaning-machine operators
8265 Fur and leather-preparing-machine operators
8266 Shoemaking- and related machine operators
8269 Textile-, fur- and leather-products machine operators not elsewhere classified

827 FOOD AND RELATED PRODUCTS MACHINE OPERATORS
8271 Meat- and fish-processing-machine operators
8272 Dairy-products machine operators
8273 Grain- and spice-milling-machine operators
8274 Baked-goods, cereal and chocolate-products machine operators
8275 Fruit-, vegetable- and nut-processing-machine operators
8276 Sugar production machine operators
8277 Tea-, coffee-, and cocoa-processing-machine operators
8278 Brewers-, wine and other beverage machine operators
8279 Tobacco production machine operators

828 ASSEMBLERS
8281 Mechanical-machinery assemblers
8282 Electrical-equipment assemblers
8283 Electronic-equipment assemblers
8284 Metal-, rubber- and plastic-products assemblers

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8285 Wood and related products assemblers
8286 Paperboard, textile and related products assemblers

829 OTHER MACHINE OPERATORS AND ASSEMBLERS
8290 Other machine operators and assemblers

83 DRIVERS AND MOBILE-PLANT OPERATORS
831 LOCOMOTIVE-ENGINE DRIVERS AND RELATED WORKERS
8311 Locomotive-engine drivers
8312 Railway brakers, signallers and shunters

832 MOTOR-VEHICLE DRIVERS
8321 Motor-cycle drivers
8322 Car, taxi and van drivers
8323 Bus and tram drivers
8324 Heavy truck and lorry drivers

833 AGRICULTURAL AND OTHER MOBILE-PLANT OPERATORS
8331 Motorised farm and forestry plant operators
8332 Earth-moving- and related plant operators
8333 Crane, hoist and related plant operators
8334 Lifting-truck operators

834 SHIPS' DECK CREWS AND RELATED WORKERS
8340 Ships' deck crews and related workers

MAJOR GROUP 9
ELEMENTARY OCCUPATIONS
91 SALES AND SERVICES ELEMENTARY OCCUPATIONS
911 STREET VENDORS AND RELATed WORKERS
9111 Street food vendors
9112 Street vendors, non-food products
9113 Door-to-door and telephone salespersons

912 SHOE CLEANING AND OTHER STREET SERVICES ELEMENTARY OCCUPATIONS
9120 Shoe cleaning and other street services elementary occupations

913 DOMESTIC AND RELATED HELPERS, CLEANERS AND LAUNDERERS
9131 Domestic helpers and cleaners
9132 Helpers and cleaners in offices, hotels and other establishments
9133 Hand-launderers and pressers

914 BUILDING CARETAKERS, WINDOW AND RELATED CLEANERS
9141 Building caretakers
9142 Vehicle, window and related cleaners

915 MESSENGERS, PORTERS, DOORKEEPERS AND RELATED WORKERS
9151 Messengers, package and luggage porters and deliverers
9152 Doorkeepers, watchpersons and related workers

9153 Vending-machine money collectors, meter readers and related workers

916 GARBAGE COLLECTORS AND RELATED LABOURERS
9161 Garbage collectors
9162 Sweepers and related labourers

92 AGRICULTURAL, FISHERY AND RELATED LABOURERS
921 AGRICULTURAL, FISHERY AND RELATED LABOURERS
9211 Farm-hands and labourers
9212 Forestry labourers
9213 Fishery, hunting and trapping labourers

93 LABOURERS IN MINING, CONSTRUCTION, MANUFACTURING AND TRANSPORT
931 MINING AND CONSTRUCTION LABOURERS
9311 Mining and quarrying labourers
9312 Construction and maintenance labourers: roads, dams and similar constructions
9313 Building construction labourers

932 MANUFACTURING LABOURERS
9321 Assembling labourers
9322 Hand packers and other manufacturing labourers

933   TRANSPORT LABOURERS AND
FREIGHT HANDLERS
9331 Hand or pedal vehicle
drivers
9332 Drivers of animal-drawn
vehicles and machinery
9333 Freight handlers

MAJOR GROUP 0
ARMED FORCES
01   ARMED FORCES
011   ARMED FORCES
0110 Armed forces

Codes for industries
(NACE[6] Nomenclature)

Section A – Agriculture, Hunting and Forestry

01.11 Growing of cereals and other crops nec.
01.12 Growing of vegetables a, horticultural specialties and nursery products
01.13 Growing of fruits, nuts, beverage and spice crops
01.21 Farming of cattle, dairy farming
01.22 Farming of sheep, goats, horses, Asses, mules and hinnies
01.23 Farming of swine
01.24 Farming of poultry
01.25 Other farming of animals
01.30 Growing of crops combined with farming of animals (mixed farming)
01.41 Agricultural service activities
01.42 Animal husbandry services, except veterinary activities
01.50 Hunting trapping and game propagation including related service activities

02.01 Forestry and logging
02.02 Forestry and logging related service activities

Section B - Fishing

05.01 Fishing
05.02 Operation of fish hatcheries and fish farms

Section C – Extractive Industries

10.10 Mining and agglomeration of hard coal
10.20 Mining and agglomeration of lignite
10.30 Extraction and agglomeration of peat

11.10 Extraction of crude petroleum and natural gas
11.20 Service activities incidental to oil and gas extraction excluding surveying

12.0 Mining of uranium and thorium ores

13.10 Mining of iron ores
13.20 Mining of non- ferrous metal ores, except uranium and thorium ores

14.11 Quarrying of stone for construction
14.12 Quarrying of limestone, gypsum and chalk
14.13 Quarrying of slate.
14.21 Operation of gravel and sand pits
14.22 Mining of clays and kaolin
14.30 Mining of chemical and fertilizer minerals
14.40 Production of salt
14.50 Other mining and quarrying nec.

Section D – Manufacturing Industries

15.11 Production and preserving of meat
15.12 Production and preserving of poultry meat
15.13 Production meat and poultry meat product
15.20 Processing and preserving of fish and fish products
15.31 Processing and preserving of potatoes
15.32 Manufacture of fruit and vegetable juice
15.33 Processing and preserving of fruit and vegetables nec.
15.41 Manufacture of crude oils and fats
15.42 Manufacture of refined oils and fats

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[6] Variable M7B_Q2B uses only the first two digits of the NACE codes listed here, those before the period. For example, records with a value of 1 include those NACE codes from 01.11 through 01.50.

15.43 Manufacture of margarine and similar addible fats

15.51 Operation of dairies and cheese making

15.52 Manufacture of ice cream

15.61 Manufacture of grain mill products

15.62 Manufacture of starches and starch products

15.71 Manufacture of prepared feeds for farm animals

15.72 Manufacture of prepared pet foods

15.81 Manufacture of bread; manufacture of fresh pastry goods and cakes

15.82 Manufacture of crusts and biscuits; manufacture of preserved pastry goods and cakes

15.83 Manufacture of sugar

15.84 Manufacture of cocoa; chocolate and sugar confectionery

15.85 Manufacture of macaroni, noodles, couscous, and similar farinaceous products

15.86 Processing of tea and coffee

15.87 Manufacture of condiments and seasonings

15.88 Manufacture of homogenized food preparations and dietetic food

15.89 Manufacture of other food products nec.

15.91 Manufacture of distilled potable alcoholic beverages.

15.92 Production of ethyl alcohol from fermented materials

15.93 Manufacture of wines

15.94 Manufacture of cider and other fruit wines

15.95 Manufacture of other non-distilled fermented beverages

15.96 Manufacture of beer

15.97 Manufacture of mineral water and soft drinks

16.0 Manufacture of tobacco products

17.11 Preparation and spinning of cotton-type fibers

17.12 Preparation and spinning of woolen-type fibers

17.13 Preparation and spinning of worsted-type fibers

17.14 Preparation and spinning of flax-type fibers

17.15 Throwing and preparation of silk including from noils and throwing and texturing of synthetic or artificial filament yearns.

17.16 Manufacture of sewing threads

17.17 Preparation and spinning of other textile fibers

17.21 Cotton-type weaving

17.22 Woolen-type weaving

17.23 Worsted-type weaving

17.24 Silk-type weaving

17.25 Other textile weaving

17.30 Finishing of textiles

17.40 Manufacture of made-up textile articles, except apparel

17.51 Manufacture of carpets and rugs

17.52 Manufacture of cordage, rope, twine and netting

17.53 Manufacture of non-woven and articles made from non-woven, except apparel

17.54 Manufacture of other textiles nec.

17.60 Manufacture of knitted and crocheted fabrics

17.71 Manufacture of knitted and crocheted hosiery

17.72 Manufacture of knitted and crocheted pullovers, cardigans and similar articles

18.10 Manufacture of leather clothes

18.21 Manufacture of workwear

18.22 Manufacture of other outerwear

18.23 Manufacture of underwear

18.24 Manufacture of other wearing apparel and accessories nec.

18.30 Dressing and dyeing of fur; manufacture of articles of fur.

19.10 Tanning and dressing of leather

19.20 Manufacture of luggage, handbags and the like, saddlery and harness

19.30 Manufacture of footwear

20.10 Sawmilling and planning of wood, impregnation of wood

20.20 Manufacture of veneer sheets: manufacture plywood, laminboard, particle board, fibre board and other panels and boards

20.30 Manufacture of builder's carpentry and joinery

20.40 Manufacture of wooden containers

20.51 Manufacture of other products of wood

20.52 Manufacture of articles of cork, straw and plaiting materials

21.11 Manufacture of pulp

21.12 Manufacture of paper and paperboard

21.21 Manufacture of corrugated and paperboard and of containers of paper and paperboard

21.22 Manufacture of household and sanitary goods and of toilet requisites

21.23 Manufacture of paper stationery

21.24 Manufacture of wallpaper

21.25 Manufacture of other articles of paper and paperboard use

22.11 Publishing of books

22.12 Publishing of newspaper

22.13 Publishing of journals and periodicals

22.14 Publishing of sound recordings

22.15 Other publishing

22.21 Reproduction of sound recording

22.22 Reproduction of video recording

22.23 Reproduction of computer media

23.10 Manufacture of coke oven products

23.20 Manufacture of refined petroleum products

23.30 Processing of nuclear fuel

24.11 Manufacture of industrial gases

24.12 Manufacture of dyes and pigments

24.13 Manufacture of other inorganic basic chemicals.

24.14 Manufacture of other organic basic chemicals

24.15 Manufacture of fertilizers and nitrogen compounds

24.16 Manufacture of plastics in primary forms

24.17 Manufacture of synthetic rubber in primary forms

24.20 Manufacture of pesticides and other agro-chemical products

24.30 Manufacture of paints, varnishes and similar coatings, printing ink and mastics

24.41 Manufacture of basic pharmaceutical products

24.42 Manufacture of pharmaceutical preparations

24.51 Manufacture of soap and detergents, cleaning and polishing preparations

24.52 Manufacture of perfumes and toilet preparations

24.61 Manufacture of explosives

24.62 Manufacture of glues and gelatine

24.63 Manufacture of essential oils

24.64 Manufacture of photographic chemical material

24.65 Manufacture of prepared unrecorded media

24.66 Manufacture of other chemical products nec.

24.70 Manufacture of man-made fibers

25.11 Manufacture of rubber tires and tubes

25.12 Retreading and rebuilding of rubber tires

25.13 Manufacture of other rubber products

25.21 Manufacture of plastic plates, sheets, tubes and profiles

25.22 Manufacture of plastic packing goods

25.23 Manufacture of builders' ware of plastic

25.24 Manufacture of other plastic products

26.11 Manufacture of flat glass

26.12 Shaping and processing of flat glass

26.13 Manufacture of hollow glass

26.14 Manufacture and processing of other glass including, technical glassware

26.21 Manufacture of ceramic household and ornamental articles

26.22 Manufacture of ceramic sanitary fixtures

26.23 Manufacture of ceramic insulators and insulation fitting

26.24 Manufacture of other technical ceramic products

26.25 Manufacture of other ceramic products

26.26 Manufacture of refractory ceramic products

26.30 Manufacture of ceramic tiles and flags.

26.40 Manufacture of bricks, tiles and construction products, in baked clay

26.51 Manufacture of cement

26.52 Manufacture of lime

26.53 Manufacture of plaster

26.61 Manufacture of concrete products for construction purposes

26.62 Manufacture of plaster products for construction purposes

26.63 Manufacture of ready-mixed concrete

26.64 Manufacture of mortars

26.65 Manufacture of fibro-cement

26.66 Manufacture of other articles of concrete, plaster and cement

26.70 Cutting, shaping and finishing of stone

26.81 Production of abrasive products

26.82 Manufacture of other non- metallic mineral products nec.

27.10 Manufacture of basic iron and steel and of ferro-alloys (ECSC)

27.21 Manufacture of cast iron tubes

27.22 Manufacture of steel tubes

27.31 Cold drawing

27.32 Cold rolling of narrow strip

27.33 Cold forming or folding

27.34 Wire drawing

27.35 Other first processing of iron and steel nec,; production of non ECSC ferro-alloys

27.41 Precious metals production

27.42 Aluminium production

27.43 Lead, zinc and tin production

27.44 Copper production

27.45 Other non- ferrous metal production

27.51 Casting of iron

27.52 Casting of steel

27.53 Casting of light metals

27.54 Casting of other non- ferrous metals

28.11 Manufacture of metal structures and parts of structures

28.12 Manufacture of builders' carpentry and joinery of metal

28.21 Manufacture of tanks, reservoirs and containers of metal

28.22 Manufacture of central heating radiators and boilers.

28.30 Manufacture of steam generators except central heating hot water boilers

28.40 Forging, pressing, stamping and roll- forming of metal; powder metallurgy

28.51 Treatment and coating of metals

28.52 General mechanical engineering

28.61 Manufacture of cutlery

28.62 Manufacture of tools

28.63 Manufacture of locks and hinges

28.71 Manufacture of steel drums and similar containers

28.72 Manufacture of light metal packaging

28.73 Manufacture of wire products

28.74 Manufacture of fasteners, Screw machine products, chain and springs

28.75 Manufacture of other fabricated metal products nec.

29.11 Manufacture of engines and turbines except aircraft, vehicle and cycle engines

29.12 Manufacture of pump and compressors

29.13 Manufacture of taps and valves

29.14 Manufacture of bearing, gears, gearing and driving elements

29.21 Manufacture of furnaces and furnace burners

29.22 Manufacture of lifting and handling equipment

29.23 Manufacture of non-domestic cooling and ventilation equipment

29.24 Manufacture of other general purpose machinery nec.

29.31 Manufacture of agricultural tractors

29.32 Manufacture of other agricultural and forestry machinery

29.40 Manufacture of machine-tools

29.51 Manufacture of machinery for metallurgy

29.52 Manufactory of machinery for mining, quarrying and construction

29.53 Manufacture of machinery for food, beverage and tobacco processing

29.54 Manufacture of machinery for textile, apparel and leather production

29.55 Manufacture of machinery for paper and paperboard production

29.56 Manufacture of other special purpose machinery nec.

29.60 Manufacture of weapons and ammunition

29.71 Manufacture of electric domestic appliances

29.72 Manufacture of non-electric domestic appliances

30.01 Manufacture of office machinery.

30.02 Manufacture of computers and other information processing equipment

31.10 Manufacture of electric motors, generators and transformers

31.20 Manufacture of electricity distribution and control apparatus

31.30 Manufacture of insulated wire and cable

31.40 Manufacture of accumulators, primary cells and primary batteries

31.50 Manufacture of lighting equipment and electric lamps

31.61 Manufacture of electrical equipment for engines and vehicles nec.

31.62 Manufacture of other electrical equipment nec.

32.10 Manufacture of electronic valves and tubes and other electronic components

32.20 Manufacture of television and radio transmitters and apparatus for line telephony and line telegraphy

32.30 Manufacture of television and radio receivers, sound or video recording or reproducing apparatus and associated goods

33.10 Manufacture of medical and surgical equipment and orthopedic appliances

33.20 Manufacture of instruments and appliances for measuring, checking, testing, navigating and other purposes, except industrial process control equipment

33.30 Manufacture of industrial process control equipment

33.40 Manufacture of optical instruments and photographic equipment

33.50 Manufacture of watches and clocks

34.10 Manufacture of motor vehicles

34.20 Manufacture of bodies for motor vehicles; manufacture of trailers and semi- trailers

34.30 Manufacture of parts and accessories for motor vehicles and their engines

35.11 Building and repairing of ships
35.12 Building and repairing and sporting boats
35.20 Manufacture of railway and tramway locomotives and rolling stock
35.30 Manufacture of aircraft and spacecraft.
35.41 Manufacture of motorcycles
35.42 Manufacture of bicycles
35.43 Manufacture of invalid carriages
35.50 Manufacture of other transport equipment nec.

36.11 Manufacture of chairs and seats
36.12 Manufacture of other office and shop furniture
36.13 Manufacture of other kitchen furniture
36.14 Manufacture of other furniture
36.15 Manufacture of mattresses
36.21 Striking of coins and medals
36.22 Manufacture of jewelry and related articles nec.
36.30 Manufacture of musical instrument
36.40 Manufacture of sports goods
36.50 Manufacture of games and toys
36.61 Manufacture of imitation jewelry
36.62 Manufacture of brooms and brushes
36.63 Other manufacturing nec.

37.10 Recycling of metal waste and scrap
37.20 Recycling of non- metal waste and scrap

Section E-Production of electricity, gas and water

40.10 Production and distribution of electricity
40.20 Manufacture of gas; distribution of gaseous fuels through mains
40.30 Steam and hot water supply

41.0 Collection, purification and distribution of water

Section F - Construction

45.11 Demolition and wrecking of buildings; earth moving
45.12 Test drilling and boring
45.21 General construction of buildings and civil engineering works
45.22 Erection of roof and frames
45.23 Construction of highways, roads, airfields and sport facilities
45.24 Construction of water projects.
45.25 Other construction work involving special trades
45.31 Installation of electrical wiring and fitting
45.32 Insulation work activities
45.33 Plumbing
45.34 Other building installation
45.41 Plastering
45.42 Joinery installation
45.43 Floor and wall covering
45.44 Painting and glazing
45.45 Other building completion
45.50 Renting of construction or demolition equipment with operator

Section G - Wholesale and Retail Trades; repairs to motor vehicles and domestic appliances

50.10 Sale of motor vehicles
50.20 Maintenance and repair of motor vehicles
50.30 Sale of motor vehicle parts and accessories
50.40 Sale, maintenance and repair of motorcycles and related parts and accessories
50.50 Retail sale of automotive fuel

51.11 Agents involved in the sale of agricultural raw materials, live animals, textile raw materials and semi- finished goods
51.12 Agents involved in sale of fuels, ores, metals and industrial chemicals
51.13 Agents involved in the sale of timber and building materials

51.14 Agents involved in the sale of machinery, industrial equipment, ships and aircraft

51.15 Agents involved in the sale of furniture, household goods, hardware and iron mongery

51.16 Agents involved in the sale of textiles, clothing, footwear and leather goods

51.17 Agents involved in the sale of food, beverages and tobacco

51.18 Agents specializing in the sale of particular products or ranges of products nec.

51.19 Agents involved in the sale of a variety of goods

51.20 Wholesale of grain, seeds and animal feeds

51.21 Wholesale of flowers and plants

51.22 Wholesale of live animals

51.23 Wholesale of hides, skin and leather

51.24 Wholesale of manufactures tobacco

51.31 Wholesale of fruit and vegetables

51.32 Wholesale of meat and meat products

51.33 Wholesale of dairy produce, eggs and edible oils fats.

51.34 Wholesale of alcoholic and other beverages

51.35 Wholesale of tobacco products

51.36 Wholesale of sugar and chocolate and sugar confectionery

51.37 Wholesale of coffee, tea, cocoa and spices

51.38 Wholesale of other food including fish, crustaceans and molluscs

51.39 Non-specialized wholesale of food, beverages and tobacco

51.41 Wholesale of textiles

51.42 Wholesale of clothing and footwear

51.43 Wholesale of electrical household appliances and radio and television goods

51.44 Wholesale of china and glassware, wallpaper and cleaning materials

51.45 Wholesale of perfume and cosmetics

51.46 Wholesale of pharmaceutical goods

51.47 Wholesale of other household goods

51.51 Wholesale of solid, liquid and gaseous fuels and related products

51.52 Wholesale of metals and metal ores

51.53 Wholesale of wood, construction materials and sanitary equipment supplies

51.54 Wholesale of hardware, plumbing and heating equipment and supplies

51.55 Wholesale of chemical products

51.56 Wholesale of other intermediate products

51.57 Wholesale of waste and scrap

51.61 Wholesale of machine tools

51.62 Wholesale of construction machinery

51.63 Wholesale of machinery for the textile industry, and of sewing and knitting machines

51.64 Wholesale of office machinery and equipment

51.65 Wholesale of other machinery for use in industry, trade and navigation

51.66 Wholesale of agricultural machinery and accessories and implements, including tractors

51.70 Other wholesale

52.11 Retail sale in non-specialized stores with food, beverages or tobacco predominating

52.12 Other retail sale in non-specialized stores

52.21 Retail sale of fruit and vegetables

52.22 Retail sale of meat and meat products

52.23 Retail sale of fish, crustaceans and shells

52.24 Retail sale of bread, cakes, flour confectionery and sugar confectionery

52.25 Retail sale of alcoholic and other beverages

52.26 Retail sale of tobacco products
52.27 Other retail sale of food, beverages and tobacco in specialized stores
52.31 Dispensing chemists
52.32 Retail sale of medical and orthopedic goods
52.33 Retail sale of cosmetics and toilet articles.
52.41 Retail sale of textiles
52.42 Retail sale of clothing
52.43 Retail sale of footwear and leather goods
52.44 Retail sale of furniture, lighting equipment and household articles nec.
52.45 Retail sale of electrical household appliances and radio and television goods
52.46 Retail sale of hardware, paints and glass
52.47 Retail sale of books, newspapers and stationery
52.48 Other retail sale in specialized stores
52.49 Retail sale of second-hand goods in stores
52.61 Retail sale via mail order houses
52.62 Retail sale via stalls and markets
52.63 Other non-store retail sale
52.71 Repair of boots, shoes and other articles
52.72 Repair of electrical household goods
52.73 Repair of watches, clocks and jewelry
52.74 Repair nec.

Section H-Hotels and restaurants

55.11 Hotel and motels, with restaurant
55.12 Hotels and motels, without restaurants
55.21 Youth hotels and mountain refuges
55.22 Camp sites, including caravan sites
55.23 Other provision of lodgings nec.
55.30 Restaurants
55.40 Bars
55.51 Canteens
55.52 Catering

Section I - Transport, storage and warehousing and communications

60.10 Transport via railways
60.21 Other scheduled passenger land transport
60.22 Taxi operation
60.23 Other land passenger transport
60.24 Freight transport by road
60.30 Transport via pipelines.

61.10 Sea and coastal water transport
61.20 Inland water transport
62.10 Scheduled air transport
62.20 Non-scheduled air transport
62.30 Space transport

63.11 Cargo handling
63.12 Storage and warehousing
63.21 Other supporting land transport activities
63.22 Other supporting water transport activities
63.23 Other supporting air transport activities
63.30 Activities of travel agencies and tour operators; tourist assistance activities nec.
63.40 Activities of other transport agencies

64.11 National post activities
64.12 Courier activities other than national post activities
64.20 Telecommunications

Section J-Financial intermediation

65.11 Central banking
65.12 Other monetary intermediation
65.21 Financial leasing
65.22 Other credit granting
65.23 Other financial intermediation nec.

66.01 Life insurance
66.02 Pension funding
66.03 Non-life insurance

67.11 Administration of financial markets
67.12 Security broking and fund management

67.13 Activities auxiliary to financial intermediation nec.

67.20 Activities auxiliary to insurance and pension funding.

Section K - Real estate, renting and business activities

70.11 Development and selling of real estate
70.12 Buying and selling of own real estate
70.20 Letting of own property
70.31 Real estate agencies
70.32 Management of real estate on fee or contract basis

71.10 Renting of automobiles
71.21 Renting of other la nd transport equipment
71.22 Renting of water transport equipment
71.23 Renting of air transport equipment
71.31 Renting of agricultural machinery and equipment
71.32 Renting of construction and civil engineering machinery and equipment
71.33 Renting of office machinery and equipment, including computers
71.34 Renting of other machinery and equipment nec.
71.40 Renting of personal and household goods nec.

72.10 Hardware consultancy
72.20 Software of consultancy and supply
72 30 Data processing
72.40 Data base activities
72.50 Maintenance and repair of office, accounting and computing machinery
72.60 Other computer related activities

73.10 Research and experimental development on natural and engineering

73.20 Research and experimental development on social sciences and humanities

74.11 Legal activities
74.12 Accounting, book-keeping and auditing activities; tax consultancy
74.13 Market research and public opinion polling
74.14 Business and management consultancy activities
74.15 Management activities of holding companies
74.20 Architectural and engineering activities and related technical consultancy

74.30 Technical testing and analysis.

74.40 Advertising
74.50 Labour recruitment and provision of personnel
74.60 Investigation and security activities
74.70 Industrial cleaning
74.81 Photographic activities
74.82 Packaging activities
74.83 Secretarial and translation activities
74.84 Other business activities nec.

Section L- Public administration and defence; compulsory social insurance

75.11 General (overall) public service activities
75.12 Regulation of the activities of agencies that provide health care, education, cultural services and other social services excluding social security
75.13 Regulation of and contribution to more efficient operation of business
75.14 Supporting service activities for the government as a whole
75.21 Foreign affairs
75.22 Defence activities
75.23 Justice and judicial activities
75.24 Public security, law and order activities
75.25 Fire service activities

75.30 Compulsory social security activities

Section M – Education

80.11 Primary education
80.21 General secondary education
80.22 Technical and vocational secondary education
80.30 Higher education
80.41 Driving school activities
80.42 Adult and other education nec.

Section N - Health and social work

85.11 Hospital activities
85.12 Medical practice activities
85.13 Dental practice activities

85.14 Other human health activities.

85.20 Veterinary activities
85.31 Social work activities with accommodation
85.32 Social work activities without accommodation

Section O – Other community, social and personal service activities

90.0 Sewage and refuse disposal, sanitation and similar activities

91.11 Activities of business and employers' organizations
91.12 Activities of professional organizations
91.20 Activities of trade unions
91.31 Activities of religious organization
91.32 Activities of political organizations
91.33 Activities of other membership organizations nec.

92.11 Motion picture and video production
92.12 Motion picture and video distribution
92.13 Motion picture projection
92.20 Radio and television activities
92.31 Artistic and literary creation and interpretation
92.32 Operation of arts facilities
92.33 Fair and amusement park activities
92.34 Other entertainment activities nec.
92.40 News agencies activities
92.51 Library and archives activities
92.52 Museum activities and preservation of historical sites and buildings
92.53 Botanical and ecological gardens and nature reserves activities
92.61 Operation of sports arenas and stadiums
92.62 Other sporting activities nec.
92.71 Gambling and betting activities
92.72 Other recreational activities nec.

93.01 Washing and dry cleaning of textile and fur products
93.02 Hairdressing and other beauty treatment
93.03 Funeral and related activities
93.04 Physical well-being activities
93.05 Other service activities nec..

Section P – Private household with employed persons
95.0 Private household with employed person

Section Q – Extra-territorial organizations and bodies
99.00 Extra-territorial organization and bodies

Annex 5 - Sample implementation report

INSTAT
REPUBLIKA E SHQIPERISE
INSTITUTI I STATISTIKES

To: __LSMS Albania Staff___

From: **Ms. Blerina Zykaj**
Date:_____

The Republic of Albania is divided geographically into 12 Prefectures (*Prefekturat).* The latter are divided into Districts (*Rrethet*) which are, in turn, divided into Cities (*Qyteti*) and Communes (*Komunat*). The Communes contain all the rural villages and the very small cities. For census purposes, the cities and the villages have been divided into enumeration areas (EAs).

1. Sampling frame

 The Enumeration Areas (EA) that make up the sampling frame come from the April 2001 General Census of Population and Housing. The EAs in the frame are classified by Prefecture, District, City or Commune. The frame also contains, for every EA, the number of Housing Units (HU), the number of occupied HUs, the number of unoccupied HUs, the number of households, and the population. We are using occupied dwellings and not total number of dwellings since many EAs contain a large number of empty dwellings.

A detailed study of the list of census EAs shows that many have zero population. In order to obtain EAs with the minimum of 50 and the maximum of 120 occupied housing units, the EAs with zero population have been taken off the sampling frame. Since the sizes of the EAs varied from 0 to 395 HUs,   the smaller EAs (with less than 50 HU) have been collapsed with geographically adjacent ones and the largest EAs (with more than 120 HU) have been split into two or more EAs. Subsequently, maps identifying the boundaries of every split and collapsed EA were prepared.

Given that the 2002 LSMS has been conducted less than a year after the April 2001 census, a listing operation to update the sample EAs was not conducted in the field. However, since the level of construction is very high in the city of Tirana and its suburbs, a quick count of the 75 sample EAs selected in Tirana was carried out followed by a listing operation. The check of the listing based on the Census data revealed two types of discrepancies:
- HUs had become invalid, i.e. vacant, nonresidential, demolished, seasonally occupied, etc.

- Instead of one small building (with one or two HU), a new one with 15 HUs was identified.

During of the listing update process, HUs identified as invalid were taken off the frame. In the case of a new building, these new HUs were entered with a new sequential code. The listing sheets prepared during the listing operation in Tirana, become the sampling frame for the final stage of selection of 12 HU which has to be interviewed.

The unit of analysis and the unit of observation is the household. The universe under study consists of all the households in the Republic of Albania. We have used the Housing Unit (defined as the space occupied by one household) as the sampling unit, instead of the household, because the HU is more permanent and easier to identify in the field.

2. Sample Size

In the LSMS the sample size is 450 EA and in each EA 8 households were selected. So the total sample size of the LSMS is 3600 households. In addition, since a certain level of nonresponse is expected, 4 reserve units were selected in each sample EA.

3. Stratification

The sampling frame has been divided in three regions (strata)
1. Coastal Area
2. Central Area
3. Mountain Area
and Tirana (urban and other urban) is consider as a separate strata.

The first three strata were divided into major cities (the most important cities in the region), other urban (the rest of cities in the region), and rural. (See Table 1). In each more importance was given to the major cities and rural areas. We have selected 10 EA for each major city and 65 EAs (75 EAs for Mountain Area) for each region (see table 2).

In the city of Tirana and its suburbs, implicit stratification was used to improve the efficiency of the sample design.

4. Procedure for the Selection of Housing Units

A fixed number of valid dwelling units (12) was selected systematically and with equal probability from the Listing Form pertaining to Tirana and from the Census forms for the other areas. Once the 12 HUs were selected, 4 of them were chosen at random and kept as reserve units. The selected HUs were numbered within the EA and identified with a circle around the number in the listing form, as well as a circle on the maps. The reserve sample (units 9 to 12) were identified from R1 to R4 during data collection to emphasize the fact that they were reserve units.

Two copies of the sample listing sheets and two copies of maps for each EA were printed. The first copy of the listing sheet and the map were given to the supervisor and included the 12 HU, the second copy was given to the enumerator. The enumerator only

received the 8 dwelling units, not the reserve ones. Each time the enumerator needed a reserve HU, he/she had to ask the supervisor and explain the reason why a reserve unit was needed. This process helped determine the reason why reserve units were used and provided more control on their use.

In the field the enumerator registered the occupancy status of every unit:
- occupied as principal residence
- vacant
- under construction (not occupied)
- demolished or abandoned (not occupied)
- seasonally occupied

In the case that one HU was found to be invalid, the enumerator used the first reserve unit (identified with the code R1). In the case that in one EA more than 4 DU selected were invalid, other units from that EA chosen at random by headquarter (in Tirana) were selected as replacement units to keep the enumerator load constant and maintain a uniform sample size in each EA.

Before identifying the invalid HUs, the interviewer had to note the interview status of each visit for all the units for which an interview was attempted, whether these are original units or reserve units. This was done to determine the interview status: interview completed, nonresponse, refusal, etc. In other words, this will allow identifying: the completed interviews (responses obtained), the incomplete but usable ones (responses obtained), the incomplete ones but not usable (nonresponse), the refusals (nonresponse) and the "not at home" (nonresponse). Subsequently, the invalid units identified were substituted with the available reserves, always maintaining the sample of 8 HUs.

TABLE 1

Domains of Estimation (Regions)
Districts, Major Cities and Other Urban Cities in the Domains of Estimation

Regions	Districts in the Regions	*Major Cities*	*Other Urban Cities*
Region 1 Coastal area	Lezhë Kurbin Kavajë Mallakaster Lushnje Delvine Sarande Durres Fier Vlore	Durres Fier Vlore	Lezhë Kurbin Kavajë Mallakaster Lushnje Delvine Sarande Durres
Region 2 Central Area	Devoll Kolonjë Pogradec Mirdite Puke Malesi e Madhe Mat Kuçove Skrapar Krujë Peqin Gjirokastër Permet Tepelenë Shkoder Elbasan Berat Korçë Tirana (rural)	Shkoder Elbasan Berat Korçë	Devoll Kolonjë Pogradec Mirdite Puke Malesi e Madhe Mat Kuçove Skrapar Krujë Peqin Gjirokastër Permet Tepelenë
Region 3 Mountain Area	Kukes Has Tropoje Bulqize Diber Gramsh Librazhd	no major cities	Kukes Has Tropoje Bulqize Diber Gramsh Librazhd
Tirana	Tirana urban Tirana other urban		

TABLE 2

Distribution of EAs and Sample Size by Domain of Estimation

Domain	Total EAs in the Frame	Total EAs in the Sample	Total HUs in the Sample
Coastal Area	2704	125	1000
Major Cities	715	30	240
Other Urban	510	30	240
Rural	1479	65	520
Central Area	3858	125	1000
Major Cities	800	30	320
Other Urban	573	20	160
Rural	2485	65	520
Mountain Area	830	125	1000
Other Urban	172	50	400
Rural	658	75	600
Tirana (urban and other urban)	1075	75	600
Total	8467 EAs	**450 EAs**	**3600 HUs**