SMALL AREA ESTIMATION OF FOOD INSECURITY AND UNDERNUTRITION IN NEPAL

GOVERNMENT OF NEPAL
National Planning Commission Secretariat
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The statistical analysis has been undertaken by Professor Stephen Haslett, Systemetrics Research Associates and Institute of Fundamental Sciences, Massey University, New Zealand and Associate Prof Geoffrey Jones, Dr. Maris Isidro and Alison Sefton of the Institute of Fundamental Sciences - Statistics, Massey University, New Zealand.

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See Appendix E for the full list of people consulted.

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Government of Nepal
National Planning Commission
Singha Durbar, Kathmandu, Nepal

Prof. Dr. Govind Raj Pokharel
Vice-Chairman

Ref.:-

Date:- 2014 November 25

Foreword

On behalf of the Government of Nepal National Planning Commission I am happy to share the *Small Area Estimation of Food Insecurity and Undernutrition in Nepal* report with you. The report is a joint and collaborative effort between the Central Bureau of Statistics, National Planning Commission, World Food Programme, World Bank, UNICEF and Massey University, New Zealand, to produce *ilaka*- and district-level estimates and maps of food poverty (prevalence, gap and severity), low kilocalorie intake, undernutrition (stunting, wasting and underweight) and diarrhea for Nepal.

The report includes detailed analysis of the National Population and Housing Census (NPHC) 2011, Nepal Living Standards Survey III (NLSS-III) 2010/11, Nepal Demographic and Health Survey (NDHS) 2011 and the latest Geographic Information System (GIS) information.

The report provides a valuable update to the first small area estimation study in Nepal which was published in 2006 by the National Planning Commission and Central Bureau of Statistics with the support of the World Food Programme and World Bank.

By knowing where the food insecure and malnourished are I believe we can more effectively and efficiently meet their specific needs by targeting our poverty reduction and development programmes, public health and nutrition interventions, and increasingly, through social protection measures to reach the most vulnerable across Nepal.

Furthermore, as 2015 approaches, I sincerely hope that the results of this report will enable us to identify and focus attention on *ilakas* and districts that have yet to achieve the target for the Millennium Development Goals (MDGs) that are covered in this report.

By using the latest available national survey and population census data the report provides a clear picture of the geographic distribution and variation of key human development indicators across the country. I encourage all stakeholders to utilize this information to guide policy and programme responses to improve food security and nutrition in Nepal.

I would like to thank the Central Bureau of Statistics of the National Planning Commission, World Food Programme, World Bank, UNICEF and Massey University, New Zealand, for their collaboration on this project.

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Summary

Small area estimates (SAE) of food poverty and undernutrition in Nepal are produced at ilaka level by combining survey data with auxiliary data derived from the 2011 National Population and Housing Census (NPHC 2011). A model for predicting log average per capita household food expenditure is estimated from the 2010/11 Nepal Living Standards Survey III (NLSS-III) based on the Central Bureau of Statistics (CBS) calculation of food expenditure in each of the households sampled in the NLSS. The model is applied to household-level census data to estimate food poverty prevalence, gap and severity. CBS have used NLSS-III to derive estimates of caloric intake in the form of kilocalories consumed for each sampled household; these were converted to per-adult-equivalent (pae) values and a survey based model for kilocalorie consumption pae is also applied to household-level census data to predict kilocalorie consumption pae for each household; when compared with a standard adult kilocalorie requirement this is used to estimate low kilocalorie intake at ilaka level. Models for predicting standardized height-for-age, weight-for-age and weight-for-height of children under five are estimated from the 2011 Nepal Demographic and Health Survey (NDHS 2011); this is applied to child-level census data to estimate the prevalence of stunting, underweight and wasting. Prevalence of diarrhoea in children under five over a two-week period, as reported in NDHS 2011, is modelled and used to estimate diarrhoea prevalence at ilaka level. The small area estimation procedure used in this study does not produce direct measures of food poverty, caloric intake or child undernutrition at the local level. Rather the procedure applied here is able to estimate welfare outcomes – based on a statistical model estimated in the relevant household survey. These estimates of wellbeing are measured with error, and the degree of imprecision will vary as a function of a wide variety of factors, most notably the degree of disaggregation at which indicators of wellbeing are being estimated. In this study it was found that estimates at the level of an ilaka – which comprises on average around 5500 households – are generally reasonably precise. Estimates at Village Development Committee (VDC) or ward level are less precise. Comparisons at higher levels (region, belt, urban/rural) are made with the direct estimates derived from the survey data alone. The relationship between the various indicators, food poverty, low kilocalorie intake, child undernutrition and diarrhoea prevalence, is also examined.

The focus of this report strongly reflects the food security, nutrition, and child health interests and concerns of the sponsors of the study, which are the World Food Programme, UNICEF, and the World Bank.

Contents

1

Introduction

1.1 Background

Nepal is bordered by India and China, with India to the south, east and west, and the Xizang Autonomous Region (Tibet) to the north. Nepal is 147,181 square kilometres in area, 885 km west to east, and is non-uniform north to south both in terms of terrain and dimension (average 193 km). The population in 2011 was 26,494,504 and the total number of households in the country was 5,427,302 (CBS, 2013a). Nepal has a very wide variety of topography, from lowland plains to the highest mountains in the world, a variety also reflected in the range of weather and climate.

Nepal is one of the least developed countries with Gross National Income (GNI) per capita (in 2005 purchasing power parity - PPP) of USD1137, and a ranking of 157 out of 187 countries on the Human Development Index with an HDI of 0.463 (UNDP, 2013). For the updated figure of USD2260 in 2013, as quoted for Nepal by The World Bank, see http://data.worldbank.org/indicator/NY.GNP.PCAP.PP.CD

Economic poverty is widespread. The Nepal Living Standards Survey 2010/11 – NLSS-III (CBS, 2011a, 2011b) outlines income details. The UN Development Report (UNDP, 2013) estimates multidimensional poverty in Nepal at 44% and intensity of deprivation at 49%, c.f. the estimate of expenditure poverty based on NLSS-III cited in CBS / World Bank (2013) of 25.2% using a poverty line of 19,261 Nepali Rupees (about USD200) per person/year.

Poverty, food insecurity, undernutrition and morbidity in Nepal are characterized by regional variation. Factors such as proneness to natural disasters, distribution and quality of land, access to education and health facilities, level of infrastructure development, employment opportunities, and dietary and hygiene practices provide possible explanations. Geographical disparity is observed with the highest poverty headcount rate (42.3 percent) in the Mountains and the lowest rate (8.7 percent) in the urban hill region. The Nepal Demographic and Health Survey (NDHS 2011) revealed a high stunting rate (40.5 percent) among children under five at the national level, with the highest rate (59.5 percent) in the western mountains and the lowest (31.3 percent) in the central hills. For further context and detail, see CBS / WFP / World Bank / AusAID / UNICEF (2013); Crum, Subedi, Mason, Mebrahtu, and Dahal (2013); Crum, Mason, Pokharel, Hutchinson, Mebrahtu and Dahal (2013); Government of Nepal (2012); Government of Nepal (2014); IFAD (2013); te Lintelo, Lawrence, Haddad, Lakshman, and Gatellier (2014); and von Grebmer, Headey, Olofinbiyi, Wiesmann, Fritschel, Yin, Yohannes, Foley, von Oppeln, Iseli, Béné and Haddad (2013).

Against this background, a new Three Year Interim Plan (TYIP) for 2010/11-12/13 was finalised, covering the period of the census and surveys used in this study. The objectives outlined in the TYIP (2010/11-12/13) are addressed by the National Agriculture Sector Development Plan (NASDP 2011-2015), and the associated Country Investment Plan, and as noted in CBS/WFP/World Bank/AusAID/UNICEF (2013) are:

- To ensure food and nutrition security,
- To make the agriculture sector competitive and business-oriented, with increased production and productivity,
- To reduce poverty by increasing employment and income generating opportunities in the agriculture sector,
- To minimize adverse effects of environment, climate variability, and climate change in the agriculture sector,
- To develop cooperatives for agriculture development,
- To develop human resources for the management of a sustainable agriculture development process.

A new Three Year Interim Plan (2013/14- 2015/16) also addresses similar objectives.

In 2006, the Central Bureau of Statistics (CBS), World Food Programme (WFP) and the World Bank jointly produced a publication "Small area estimation of poverty, caloric intake and undernutrition in Nepal" (Jones and Haslett, 2006), which provided estimates of poverty, food insecurity and child undernutrition at the ilaka level. The product has served as a reference document for various stakeholders including the government, UN, I/NGOs and donor communities to target their programs/projects to the most food insecure communities. The 2006 small area estimation (SAE) was produced using the following data sets: Nepal Living Standard Survey II (NLSS-II) 2003/04; Nepal Demographic and Health Survey (NDHS) 2001; Population Census 2001, and relevant Geographic Information System data such as elevation and road density. The availability of new data sets, including the NLSS-III 2010/11, NDHS 2011, and Population Census 2011, has provided an opportunity to update the small area estimates in Nepal.

The World Bank and CBS have already updated the small area estimations for poverty in July 2013. Building on this report and as a continuation of the joint publication of the Thematic Report on Food Security and Nutrition in Nepal, CBS, WFP, UNICEF and World Bank have agreed to jointly conduct the SAE of food security, nutrition and health indicators. In September 2013, Professor Stephen Haslett from Massey University and Systemetrics Research Associates, and Associate Professor Geoffrey Jones and Dr Marissa Isidro from Massey University completed a preliminary study of the potential for small area estimation of food security, nutrition and health indicators at the ilaka level in Nepal. The purpose of this study was to define the scope of the SAE implementation and provide recommendations on the feasibility of producing small area estimates of the suggested indicators. This current report describes the subsequent implementation of the small area estimation of food security, nutrition and health indicators, and presents and discusses the results.

Small area estimation is a mathematical and statistical method that models data collected from one or more data sources, to produce estimates, for example of poverty, that are more accurate at small area level than using only data collected from each small area. The additional accuracy is achieved in many such models by "borrowing strength" for the estimate for a particular small area by using information from areas to which it is similar. Some small area estimation techniques combine data from different sources. For example, census and new survey information may be combined to update estimates from the original census. Alternatively, a statistical model is fitted to survey data collected around the same time as the census, and this model is used to predict a variable not collected in the census, based on variables that are collected in both survey and census.

The World Bank method, popularly known as the Elbers Lanjouw and Lanjouw (ELL) method (Elbers, Lanjouw and Lanjouw., 2001, 2003), has been commonly used in small area estimation of poverty measures. In poverty studies, the most usual variable predicted is expenditure (or its logarithm) based on a model which includes education, age of household members, number of people in the household and type of house construction, among other variables. Poverty incidence, gap and severity are derived from the household level predictions of per capita expenditure. The poverty estimates are often mapped in detail, which is why this technique is sometimes given the generic title, "poverty mapping". The maps can make interpretation simpler, but the central point is not the maps per se, but that poverty and relative poverty can be assessed at a much finer level at a much lower cost than by increasing the sample size sufficiently or rerunning the census. The statistical modelling has a cost, of course, but this is much lower than for a survey that is sufficiently large that it can produce estimates at this fine level. The cost of small area estimation can be saved many times over by having better information at a finer level and maps for use in aid allocation.

The standard ELL methodology for implementing the World Bank method is now available as free software (PovMap – Zhao, 2006; PovMap2, Zhao and Lanjouw, 2009) from the World Bank website. Variations of the ELL method have been implemented for the World Bank in a number of other countries including Thailand (Healy, 2003), South Africa (Alderman et al., 2002), Brazil (Elbers et al. 2001), the Philippines (Haslett and Jones, 2005), and for the World Food Programme in Bangladesh (Jones and Haslett, 2003), Nepal (Jones and Haslett, 2006) and Cambodia (Haslett, Jones and Sefton, 2013).

This report and the other reports mentioned above warrant general comment about the relationship between small area estimation and mapping. Small area estimation of poverty, especially if extended from poverty incidence, gap and severity, plus kilocalories, to stunting, underweight and wasting in children (as in Jones and Haslett, 2006, and Haslett, Jones and Sefton, 2013), provides a detailed perspective on the spatial distribution of such variables. Other variables are also important however (e.g. health information, rainfall, and other Geographic Information System (GIS) data), even if these cannot be produced at such a fine level. For most users of this information, an atlas of maps is of much more general use than a detailed technical report on small area estimation methodology, even if the technical report also contains finer level tabulated detail. The detailed small area report is however essential, as it provides a clear indication of the methodological foundation for small area maps (commonly called poverty maps, even though they may be maps of undernutrition or health rather than of economic poverty) that are included in the atlas. Without sound use of small area methodology, and publication of the technical report that outlines that methodology, the accuracy and utility of a more generally-used atlas must remain in doubt.

1.2 Geographic and administrative units

For administrative purposes, Nepal is divided into a total of 75 districts, which are grouped into five development regions: Eastern, Central, Western, Mid-Western and Far-Western. Within each district there are a number of Village Development Committees (VDCs) in rural areas and municipalities in urban areas. These VDCs and municipalities are further divided into wards: the smallest administrative unit. In rural areas a VDC comprises nine wards, but the municipalities can have more. For some purposes, such as census enumeration and sampling frames for surveys, the larger wards are split into subwards, but these are not in general well-defined administrative boundaries. The electoral boundaries form yet another unit, the ilaka, which are collections of VDCs and municipalities. For the purpose of

our mapping we have redefined the ilaka, taking each to be the rural parts only of existing ilaka, and defining each of the 58 municipalities at the time of the data collection as a new "ilaka". (Note that the Government of Nepal has recently approved 113 further municipalities.) Table 1.1 shows the total number of each of these units in Nepal at the time of data collection, and their approximate sizes in terms of average number of households.

Table 1.1 Approximate number of administrative units at different levels

	Region	District	Ilaka	VDC/Mun	Ward
Nepal	5	75	976	3973	36041
Mean no. households	1085460	83497	6358	1600	174

Key: VDC= Village Development Committee, Mun=Municipality

Nepal is also divided into three Ecological Zones or belts, Mountains, Hills and Terai, which run transversally and intersect all five development regions. Their vastly different topographies give the three belts quite different characteristics. The Mountain belt comprises those parts of the country above 4877 metres in elevation; its harsh terrain makes communication and transportation difficult, and only 7% of the population live there. The Hill zone, ranging in altitude from 610 to 4877 metres, is much more densely populated and includes the fertile valleys of Kathmandu and Pokhara. The Terai or plains are the most fertile part of the country.

Recent surveys (for more detail, see Section 3) also give estimates of economic and nutritional status for the whole country and for each region and belt. However the accuracy of such estimates at a particular level depends crucially on the effective sample size at that level, so that at the district level and below the standard errors of survey-based estimates become too large to be useful because each is based on a small number of observations.

There are also recent, detailed estimates at the target area (below ilaka level) of expenditure poverty indicators: poverty incidence, gap and severity (CBS / World Bank, 2013), based on the 2011 National Population and Housing Census (NPHC 2011) and the 2010/11 Nepal Living Standards Survey (NLSS-III). These update the earlier estimates based on the 2001 National Population and Housing Census and the 2003/4 Nepal Living Standards Survey (NLSS-II) – see CBS/WFP (2006) for details.

Information also exists on the small scale spatial pattern of undernutrition, based (as were the earlier estimates of poverty incidence, gap and severity) on the 2001 National Population and Housing Census and the 2003/4 Nepal Living Standards Survey (NLSS-II), and also utilising the 2001 Nepal Demographic and Health Survey (NDHS 2001). Again, see CBS / WFP / WB / Massey University (2006), where maps of the small area estimates at ilaka level are given for kilocalorie consumption, kilocalorie deficit prevalence, gap and severity, as well as for stunting, severe stunting, underweight, severe underweight, wasting and severe wasting. Our current report provides updates of statistical models for low kilocalorie intake and undernutrition using ward-level or VDC -level means from the 2011 National Population and Housing Census (NPHC 2011), plus the 2011 Nepal Demographic and Health Survey (NDHS 2011) and the 2010/11 Nepal Living Standards Survey (NLSS-III).

The reason small area estimates of food insecurity and undernutrition are of such importance is that effective targeting of development assistance requires a nation-wide overview of the status of these key concerns affecting the Nepali population at the sub-district level. This allows identification of the most affected areas, so that appropriate actions can be implemented on a priority basis. Estimates

need to be precise, i.e. with small standard errors, so that the areas with the greatest need are identified correctly. Our analysis includes an investigation using small area estimation methods of how finely the estimates of food insecurity and undernutrition indicators may be disaggregated while still maintaining a reasonable level of precision.

1.3 Poverty maps

The statistical technique of small area estimation (Ghosh and Rao, 1994, Rao, 1999; Rao, 2003, Longford, 2005; Pfeffermann, 2013) provides a way of improving survey estimates at small levels of aggregation, by combining the survey data with information derived from other sources, typically a population census. A variant of this methodology has been developed by a research team at the World Bank specifically for the small area estimation of poverty measures (Elbers, Lanjouw and Lanjouw, 2001, 2003). The ELL method has been implemented in a number of countries including Thailand (Healy, 2003), Cambodia (Fujii, 2004), South Africa (Alderman, Babita, Demombynes, Makhata and Ozler, 2002) and Brazil (Elbers, Lanjouw, Lanjouw and Leite, 2001), Bangladesh (Jones and Haslett, 2003), the Philippines (Haslett and Jones, 2005a), Nepal (Jones and Haslett, 2006; CBS / World Bank, 2013), and Cambodia (Haslett, Jones and Sefton, 2013). The methodology is described in detail in the next section. Some additional general methodological issues are covered in Haslett and Jones (2005b, 2010), Tarozzi and Deaton (2009), Molina and Rao (2010), Haslett, Isidro and Jones (2010), Christiaensen, Lanjouw, Luoto, and Stifel (2012), and Haslett (2013).

These small area estimation techniques produce outputs, in the form of estimates at local level together with their standard errors, that can be combined with GIS location data to produce a "poverty map" for the whole country, giving a graphical summary of which areas are suffering relatively high deprivation. Our main purpose in producing such maps is to aid the planning of development assistance programmes. They could in addition prove useful as a research tool, for example by overlaying geographic, social or economic indicators.

1.4 Measures of poverty, food poverty, food insecurity and undernutrition

Poverty can be defined in a number of ways. The most common is the cost-of-basic-needs (CBN) approach, in which poverty lines are calculated to represent the level of per capita expenditure required to meet the basic needs of the members of a household, including an allowance for non-food consumption. First a poverty line is established, being the amount necessary to meet basic food requirements. Then a non-food allowance is added, an amount equal to the typical non-food expenditure of households whose food expenditure is equal to the food poverty line. Because prices vary among geographical areas, poverty lines can be calculated separately for different regions for which price information is available. Alternatively, household per capita expenditure can be adjusted using regional price indices to give real per capita expenditure, in which case a single poverty line can be applied across the country. Nevertheless, an important assumption in poverty mapping is that the prices faced by households are fairly homogenous within each region.

Thus in the CBN approach poverty measures are functions of household per capita expenditure. Poverty incidence for a given area is defined as the proportion of individuals living in that area who are in households with an average per capita expenditure below the poverty line. (The measure is prevalence in an epidemiological sense, but for historical reasons is called incidence.) Poverty gap is the average

distance below the poverty line, being zero for those individuals above the line. It thus represents the resources needed to bring all poor individuals up to a basic level. Poverty severity measures the average squared distance below the line, thereby giving more weight to the very poor. These three measures can be placed in a common mathematical framework, the so-called FGT measures (Foster, Greer and Thorbeck, 1984):

$$P_\alpha = \frac{1}{N}\sum_{i=1}^{N}\left(\frac{z - E_i}{z}\right)^\alpha \cdot I(E_i < z) \qquad (1.1)$$

where N is the population size of the area, E_i is the expenditure of the ith individual, z is the poverty line and $I(E_i < z)$ is an indicator function (equal to 1 when expenditure is below the poverty line, and 0 otherwise). Poverty incidence, gap and severity correspond to $\alpha = 0$, 1 and 2 respectively. For Nepal, poverty mapping for poverty incidence, gap and severity, based on the 2011 National Population and Housing Census (CBS, 2013a) and modelling expenditure poverty from the 2010/11 Nepal Living Standards Survey (CBS 2011a, 2011b), have been the topic of a recent report (CBS / World Bank, 2013).

Food poverty is similarly defined: the members of a household are food poor if their per capita food expenditure is below the food poverty line, meaning that their expenditure on food is not sufficient to meet the established basic food requirements. Measures of food poverty prevalence, gap and severity are then defined as above. In our analysis, we have produced estimates of all three measures down to ilaka level.

In contrast, the direct calorie intake (DCI) method is based on calorific intake. It is usual (see Swindale and Ohri-Vachaspati, 2004) to make adjustments for the age and sex of each household member, so we calculate for each household an adult equivalence value and take the average calorie intake for a household to be the total number of kilocalories consumed per day divided by their adult equivalent. We then consider all the members of a household to be undernourished if their average calorie intake falls below a certain level, given for Nepal as 2750 kilocalories per adult equivalent per day. This is the amount regarded as necessary for sustaining a moderate level of activity (see Swindale and Ohri-Vachaspati, 2004, Appendices 6-10), and if converted to kilocalories per person, taking account of the age and sex structure of the population, this translates to 2200 kilocalories per person which is the official average kilocalorie requirement. It should be noted that the two sets of indicators (CBN and DCI) are not necessarily equivalent or even directly comparable. Kilocalorie intake affords an additional dimension on the plight of the poor in conjunction with the consumption expenditure-based indicators. There are a number of reasons why households may rate differently on the two sets of measures, such as poor choices of or lack of access to food items.

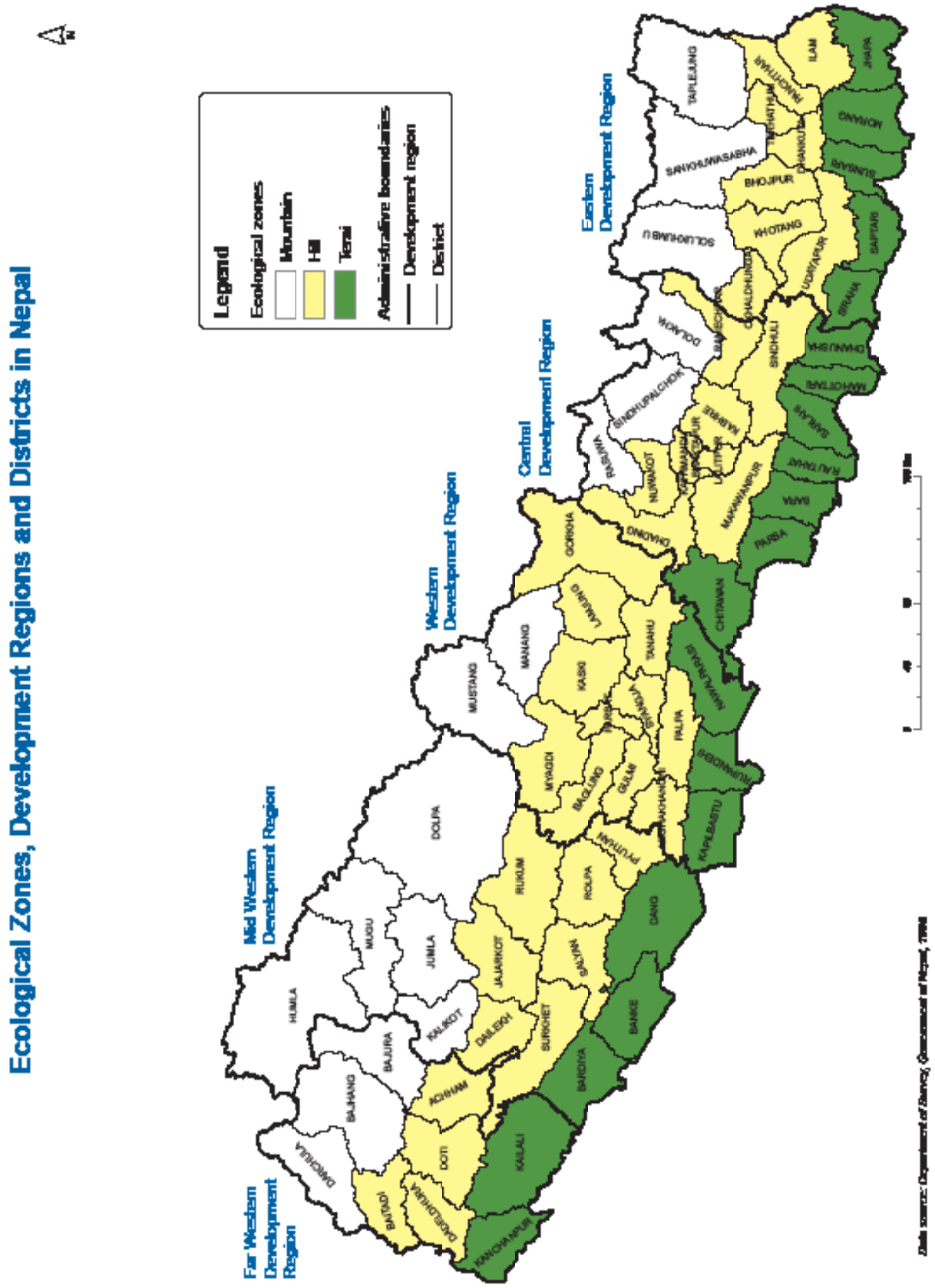
In this study, we use kilocalorie consumption per adult equivalent and hence prevalence, gap and severity of low kilocalorie intake at the ilaka level. These figures can be used in conjunction with the poverty estimates for prioritising food and related types of development assistance.

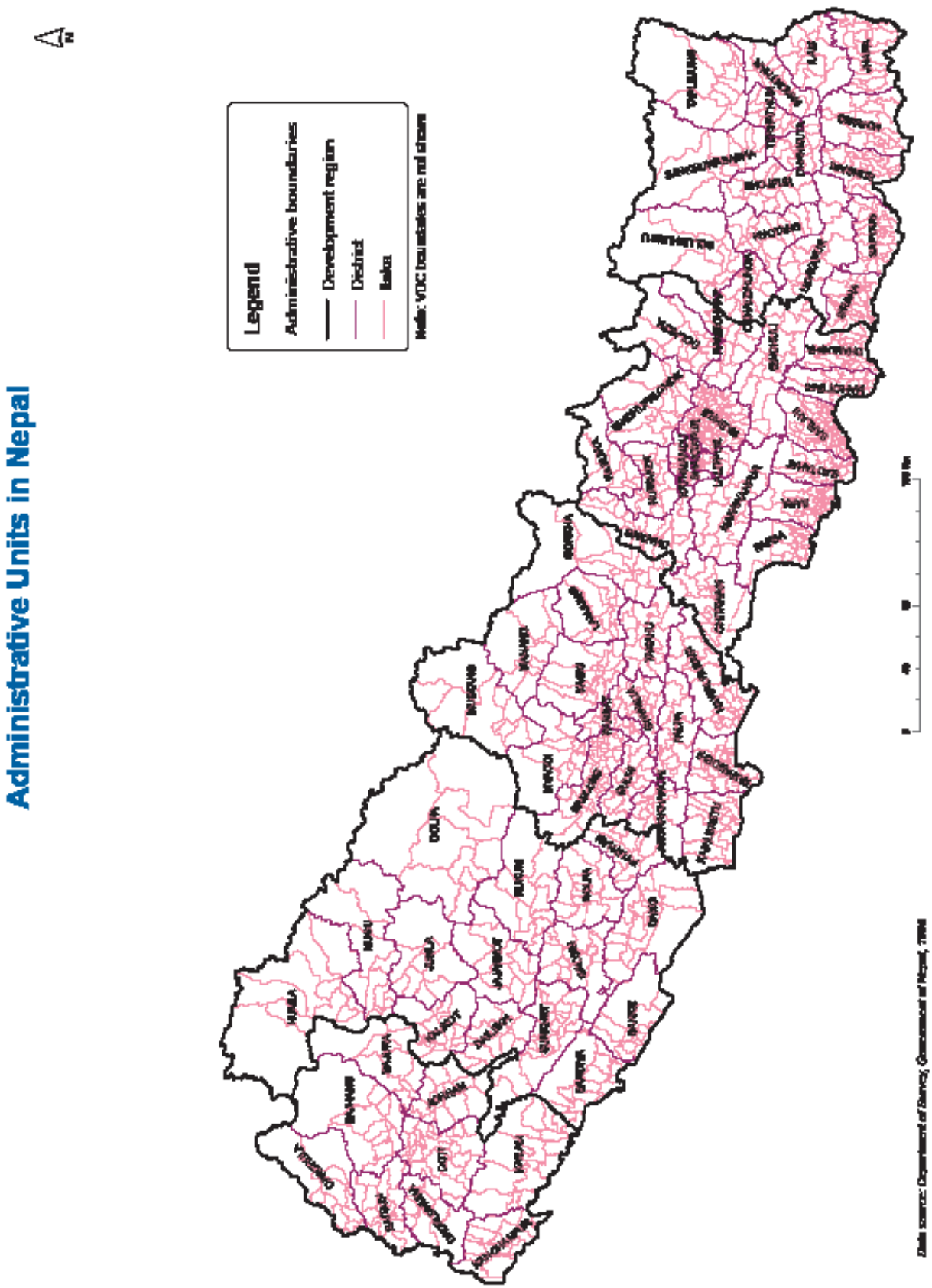
Three measures of undernutrition are considered, based on measurements of a child's height, weight and age. Stunting or low height-for-age is defined as below minus two standard deviations from the median height-for-age of a reference population. Underweight or low weight-for-age is defined as below minus two standard deviations from the median weight-for-age of a reference population. Wasting or low weight-for-height is defined as below minus two standard deviations from the median weight-for-height of a reference population. The data used as a reference standard in these definitions was

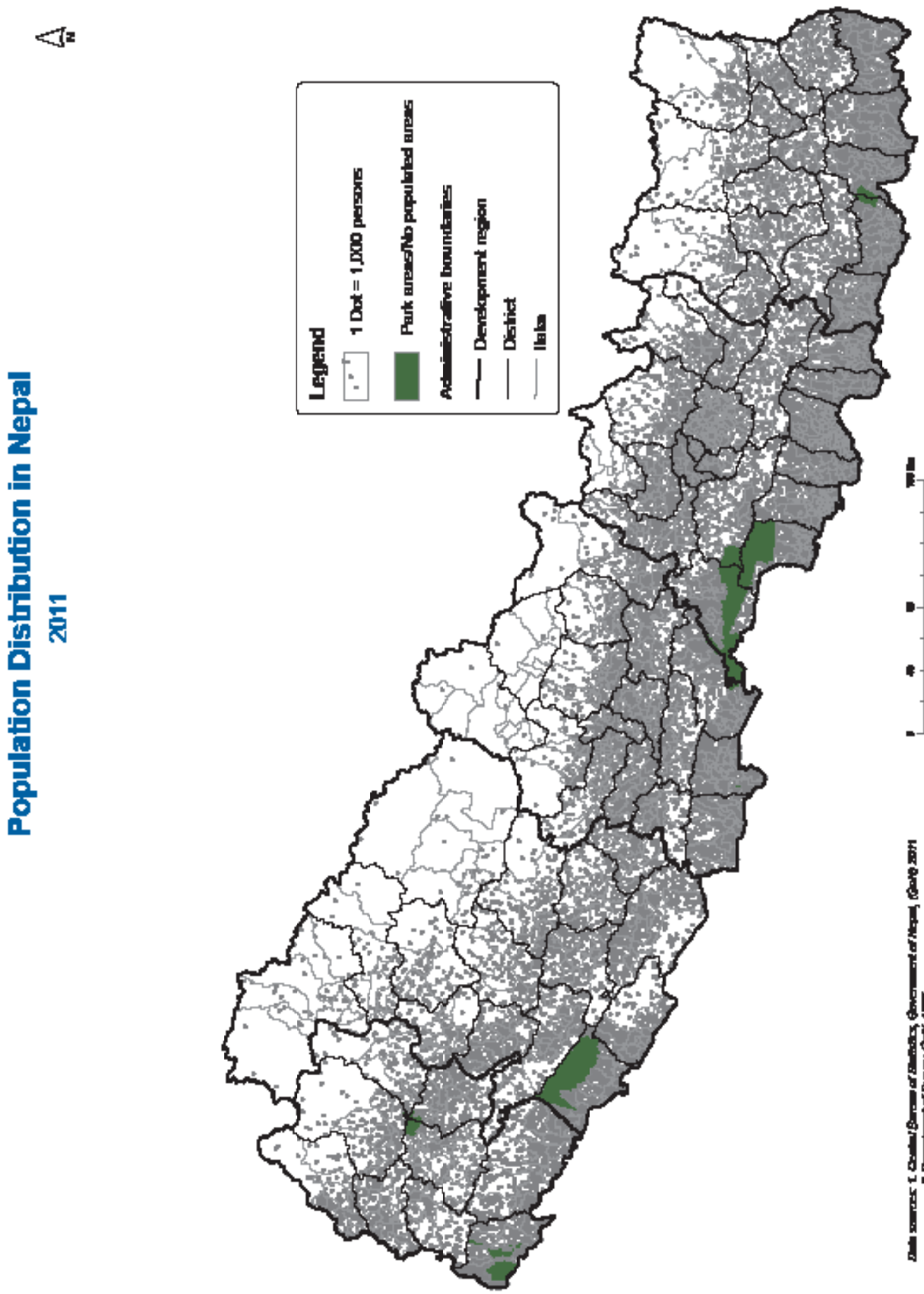
established in 1975 by the National Center for Health Statistics/Centers for Disease Control in the USA (Hamill, Dridz, Johnson, Reed et al., 1979). In 2005, the World Health Organization released new Child Growth Standards using data collected in the WHO Multicentre Growth Reference Study (WHO, 2006). Implicit in the use of a single international child growth reference standard is the assumption, supported by WHO, 2006, that variations in height and weight for children below five years are caused largely by environmental rather than genetic factors. Even without this assumption however, the standard can provide a useful fixed reference point in international comparisons.

In this report we consider the nutrition status of children below the age of 60 months (i.e. five years). Within a particular region stunting is defined as the proportion of such children with a standardized height-for-age (HAZ) value below –2: children below –3 are considered "severely stunted". Similarly underweight is the proportion with a standardized weight-for-age (WAZ) value below –2, and severe underweight below –3. Stunting can be regarded as evidence of chronic undernutrition. Underweight reflects both chronic undernutrition and acute undernutrition. It is a current condition resulting from inadequate food intake, past episodes of undernutrition or poor health conditions. Wasting is the proportion with a standardized weight-for-height (WHZ) value under -2, and severe wasting below -3. Wasting can be an indicator of acute undernutrition. Our aim in this report is to construct ilaka-level maps for these three measures.

Finally, we use data on diarrhoea prevalence during a two-week period in children under five, as reported in NDHS 2011, to estimate prevalence at ilaka-level. This is an extension of current ELL-type methods, as will be explained in the next section.


Ecological Zones, Development Regions and Districts in Nepal
Legend
Ecological zones
Mountain
Hill
Terai
Administrative boundaries
Development region
District
Far Western Development Region
Mid Western Development Region
Western Development Region
Central Development Region
Eastern Development Region
DARCHULA
BAJHANG
BAJURA
HUMLA
MUGU
JUMLA
KALIKOT
DAILEKH
JAJARKOT
ACHHAM
DOTI
SURKHET
DOLPA
RUKUM
ROLPA
KAILALI
BARDIYA
BANKE
DANG
MUSTANG
MANANG
KASKI
GORKHA
LAMJUNG
TANAHU
SYANGJA
MYAGDI
BAGLUNG
GULMI
PYUTHAN
ARGHAKHANCHI
PALPA
NAWALPARASI
RUPANDEHI
KAPILBASTU
DHADING
NUWAKOT
RASUWA
SINDHUPALCHOK
KAVREPALANCHOK
KATHMANDU
LALITPUR
BHAKTAPUR
MAKWANPUR
CHITAWAN
DOLAKHA
RAMECHHAP
OKHALDHUNGA
SINDHULI
KHOTANG
UDAYAPUR
SOLUKHUMBU
SAPTARI
SIRAHA
SAMJHUWASABHA
BHOJPUR
DHANKUTA
TERHATHUM
SUNSARI
MORANG
TAPLEJUNG
PANCHTHAR
ILAM
JHAPA
DHANUSHA
MAHOTTARI
SARLAHI
RAUTAHAT
BARA
PARSA
Data source: Department of Survey, Government of Nepal, 1998


Administrative Units in Nepal
Legend
Administrative boundaries
Development region
District
Taka
Note: VDC boundaries are not shown
N


Population Distribution in Nepal
2011
Legend
1 Dot = 1,000 persons
Park areas/No populated areas
Administrative boundaries
Development region
District
Ilaka

2

Methodology

We present in this section a brief overview of small area estimation and the ELL method. Details of the implementation in Nepal are given in Section 4.

2.1 Small area estimation

Small area estimation refers to a collection of statistical techniques designed for improving sample survey estimates through the use of auxiliary information (Ghosh and Rao, 1994; Rao, 1999; Rao, 2003). We begin with a target variable, denoted Y, for which we require estimates over a range of small subpopulations, usually corresponding to small geographical areas. (In this report Y is log-transformed per capita expenditure for food poverty measures, and standardized height-for-age or weight-for-age for the undernutrition indicators, stunting and underweight.) Direct estimates of Y for each subpopulation are available from sample survey data, in which Y is measured directly on the sampled units (households or eligible children). Because the sample sizes within the subpopulations typically will be very small, these direct estimates will have large standard errors and hence not be reliable. Indeed, some subpopulations may not be sampled at all in the survey. Auxiliary information, denoted X, can be used under some circumstances to improve the estimates, giving lower standard errors.

In the situations examined in this report, X represents additional variables that have been measured for the whole population, either by a census or via a GIS database. A relationship between Y and X of the form

$$Y = X\beta + u$$

can be estimated using the survey data, for which both the target variable and the auxiliary variables are available. Here β represents the estimated regression coefficients giving the effect of the X variables on Y, and u is a random error term representing that part of Y that cannot be explained using the auxiliary information. If we assume that this relationship holds in the population as a whole, we can use it to predict Y for those units for which we have measured X but not Y. Small area estimates based on these predicted Y values will often have smaller standard errors than the direct estimates, even allowing for the uncertainty in the predicted values, because they are based on much larger samples. Thus the idea is to "borrow strength" from the much more detailed coverage of the census data to supplement the direct measurements of the survey.

2.2 Clustering

The units on which measurements have been made are often not independent, but are grouped naturally into clusters of similar units. Households tend to cluster together into villages or other small geographic or administrative units, which are themselves relatively homogenous. Put simply, households that are close together tend to be more similar than households far apart. When such structure exists in the population, the regression model above can be more explicitly written as

$$Y_{ij} = X_{ij}\beta + c_i + e_{ij} \qquad (2.1)$$

where Y_{ij} represents the measurement on the *j*th unit in the *i*th cluster, c_i the error term held in common by the *i*th cluster, and e_{ij} the household-level error within the cluster. The relative importance of the two sources of error can be measured by their respective variances σ_c^2 and σ_e^2. Ghosh and Rao (1994) give an overview of how to obtain small area estimates, together with standard errors, for this model. Where individual level data is available, as it is for stunting, underweight and wasting in children under five, an additional error term at child level within the household is added. In the general explanation given below, we focus on equation (2.1) in order to establish general principles useful for distinguishing the characteristics of variation at 'higher' and 'lower' levels. When there are three error terms rather than two, the three form a sequence in which the cluster remains the highest level of aggregation, household takes an intermediate status, and individual level variation is at the finest level. There is also the possibility of including a small area level error term at the greatest level of aggregation. Doing so does not affect the small area estimates themselves, but does have the potential to increase standard error estimates, perhaps markedly. The small area models of Rao (2003) contain such an error term, but those of Elbers, Lanjouw and Lanjouw (2003) do not. In practice however methods based on Elbers, Lanjouw and Lanjouw (2003) instead use contextual effects in survey based models. These contextual variables are based on census means aggregated to the same cluster level as in the survey, but for the whole population. Because these are known for every cluster in the entire country via the census data, and (given the often considerable effort put into identifying each and every cluster in the survey via area code matching) they provide a substitute which is more specific than using prediction of random effects in mixed models. This means that ELL-type models are not simply synthetic estimators, as claimed by Molina and Rao (2010). Nevertheless, despite the considerable merit of using contextual effects in models, checking for the size of the small area-level error variance is strongly recommended, because if it is sufficiently large its omission leads to small area estimates with understated standard errors and hence overstated accuracy. The issue is addressed for small area estimation in Jones, Haslett and Parajuli (2006) for example, where in Nepal the effect of the small area variance on the standard error estimates was found to be negligible. Similarly for Cambodia (Haslett, Jones and Sefton, 2013). Theoretical aspects of this question are discussed in detail in Haslett and Jones (2010).

We note that the auxiliary variables X_{ij} may be useful primarily in explaining the cluster-level variation, or the household-level variation. The more variation that is explained at a particular level, the smaller the respective error variance, σ_c^2 or σ_e^2. The estimate for a particular small area will typically be the average of the predicted *Y*s in that area. Because the standard error of a mean gets smaller as the sample size gets bigger, the contribution to the overall standard error of the variation at each level, household and cluster, depends on the sample size at that level. The number of households in a small area will typically be much larger than the number of clusters, so to get small standard errors it is of particular importance that, at the higher level, the unexplained cluster-level variance σ_c^2 should be small. Two important diagnostics of the model-fitting stage, in which the relationship between *Y* and *X* is estimated for the survey data, are the R^2 measuring how much of the variability in *Y* is explained by *X*, and the ratio $\sigma_c^2 / (\sigma_c^2 + \sigma_e^2)$ measuring how much of the unexplained variation is at the cluster level. Note that although σ_c^2 and σ_e^2 are parameters they are different for different models with different regressors. GIS data and cluster-level means can be particularly useful in lowering this ratio. Some care is required when using R^2 as a diagnostic however, because R^2 is not well-defined for a statistical model such as equation (2.1) or (2.3) with both fixed and random effects. R^2 also very much depends on the level of aggregation, and the level of aggregation in the fitted model is very much less than that of the small area estimates. So, while high R^2 values are good, they are not essential, provided the variances at the finest level are sufficiently larger than those at more aggregated levels. This diminution of R^2 is

especially apparent where person level data is being used (as for stunting, underweight and wasting), rather than household level data (as for kilocalories and expenditure modelling, where the variation within household, which may be large, is effectively omitted from the estimation of R^2 from the model due to data aggregation to household level). For small area estimation, what can be a rather better indicator than R^2 at child or household level is a generalised-R^2 for the model assessed at cluster level, showing what proportion of the cluster-level variation is explained by the model. This is more relevant and always considerably higher than R^2 due to aggregation.

Another important aspect of clustering is its effect on the estimation of the model. The survey data used for this estimation cannot be regarded as a simple random sample, because they have been obtained from a complex survey design which although it is random, nevertheless involves stratification and cluster sampling. To account properly for the complexity of the survey design requires the use of specialised statistical routines (Skinner et al., 1989; Chambers and Skinner, 2003, Lehtonen and Pakhinen, 2004, Longford, 2005) in order to get consistent estimates for the regression coefficient vector β and its variance V_β.

2.3 The ELL method

The ELL methodology was designed specifically for the small area estimation of poverty measures based on per capita household expenditure. Here the target variable Y is log-transformed expenditure, the logarithm being used to make more symmetrical the highly right-skewed distribution of untransformed expenditure. It is assumed that measurements on Y are available from a survey.

The first step is to identify a set of auxiliary variables X that are in the survey and are also available for the whole population. It is important that these should be defined and measured in a consistent way in both data sources. The model (2.1) is then estimated for the survey data, by incorporating aspects of the survey design for example through use of the "expansion factors" or inverse sampling probabilities. The residuals from this analysis are used to define cluster-level residuals $\hat{c}_i = \hat{u}_{i\cdot}$, the dot denoting averaging over j, and household-level residuals $\hat{e}_{ij} = \hat{c}_i - \hat{u}_{ij}$.

It is usually assumed that the cluster-level effects c_i all come from the same distribution, but that the household-level effects e_{ij} may be heteroscedastic. This can be modelled by allowing the variance σ_e^2 to depend on a subset Z of the auxiliary variables:

$$g(\sigma_e^2) = Z\alpha + r$$

where $g(.)$ is an appropriately chosen link function, α represents the effect of Z on the variance and r is a random error term. Fujii (2004) uses a version of the more general model of ELL involving a logistic-type link function, fitted using the squared household-level residuals. Fujii's model is:

$$\ln\left(\frac{\hat{e}_{ij}^2}{A - \hat{e}_{ij}^2}\right) = Z_{ij}\alpha + r_{ij} \qquad (2.2)$$

From this model, the fitted variances $\hat{\sigma}_{e,ij}^2$ can be calculated and used to produce standardized household-level residuals $\hat{e}_{ij}^* = \hat{e}_{ij} / \hat{\sigma}_{e,ij}$. These can then be mean-corrected or mean-centred to sum to zero, either across the whole survey data set or separately within each cluster.

In standard applications of small area estimation, the estimated model (2.1) is applied to the known X values in the population to produce predicted Y values, which are then averaged over each small area to produce a point estimate, the standard error of which is inferred from appropriate asymptotic theory. In "poverty mapping" (whether applied to expenditure or food poverty, undernutrition or health), our interest is not always directly in Y but in several non-linear functions of Y (see Section 1.4). The ELL method obtains unbiased estimates and standard errors for these by using a bootstrap procedure as described below.

2.4 Bootstrapping

Bootstrapping is the name given to a set of statistical procedures that use computer-generated random numbers to simulate the distribution of an estimator (Efron and Tibshirani, 1993). In "poverty mapping", we construct not just one predicted value

$$\hat{Y}_{ij} = X_{ij}\hat{\beta}$$

(where $\hat{\beta}$ represents the estimated coefficients from fitting the model) but a large number of alternative predicted values

$$Y_{ij}^{b} = X_{ij}\beta^{b} + c_{i}^{b} + e_{ij}^{b} \ , \ b = 1,\ldots B$$

in such a way as to take account of their variability. The statistical analysis of the chosen model for Y yields information on how to appropriately insert variability into the calculation of the predicted values. We know for example that $\hat{\beta}$ is an unbiased estimator of β with variance V_{β}, so we draw each independently from a multivariate normal distribution with mean and variance matrix V. The cluster-level effects c_i^b are taken from the empirical distribution of c_i, i.e. drawn randomly with replacement from the set of cluster-level residuals $\hat{c}_i$, since the appropriate cluster level residual is known only for the clusters in the sample not all the clusters in the census. To take account of unequal variances (heteroscedasticity) in the household-level residuals, we first draw α^b from a multivariate normal distribution with mean $\hat{\alpha}$ and variance matrix V_{α}, combine it with Z_{ij} to give a predicted variance and use this to adjust the household-level effect

$$e_{ij}^{b} = e_{ij}^{*b} \times \sigma_{e,i}^{b}$$

where e_{ij}^{*b} represents a random draw from the empirical distribution of e_{ij}^{*}, either for the whole data set or just within the cluster chosen for h_i (consistently with the mean-centring of Section 2.3).

Each complete set of bootstrap values Y_{ij}^{b}, for a fixed value of b, will yield a set of small area estimates. In the case of poverty estimates (i.e. food poverty in this report), we exponentiate each Y to give predicted expenditure $E_{ij} = \exp(Y_{ij})$, then apply equation (1.1). This is not equivalent to totalling the Y_{ij} in each small area and exponentiating, which is one reason that fitting the model at household (or individual level in the case of a three level model) is the better alternative. The mean and standard deviation of a particular small area estimate, across all b values, then yields a point estimate and its standard error for that area.

2.5 Extensions to ELL for child-level indicators

Some of our indicators (stunting, underweight, wasting, diarrhoea) are based on child-level measurements. In this case, there is a three-level structure of children within households within clusters that must be taken into account in the modelling, prediction and estimation. First, equation (2.1) is amended to

$$Y_{ijk} = X_{ijk}\beta + c_i + h_j + e_{ijk} \qquad (2.3)$$

where Y_{ijk} represents the measurement (e.g. height-for-age) on the kth child under five in the jth household in the ith cluster, c_i the error term held in common by the ith cluster, h_{ij} the household-level error within the cluster, and e_{ijk} the error within each sampled household. The relative importance of the three sources of error can be measured by their respective variances σ_c^2, σ_h^2 and σ_e^2. As with the two-level model, the cluster-level variance σ_c^2 plays the most important role in governing the precision of the small area estimates, so a generalised-R^2 at cluster level gives a useful summary of model performance.

The model (2.3) is again estimated from survey data using special routines to incorporate aspects of the survey design. The raw residuals $\hat{u}_{ijk}$ from this analysis can be used to define cluster-level residuals $\hat{c}_i = \hat{u}_{i\cdot\cdot}$, the dots denoting averaging over j and k, household-level residuals $\hat{h}_{ij} = \hat{u}_{ij\cdot} - \hat{c}_i$, and child-level residuals $\hat{e}_{ijk} = \hat{u}_{ijk} - \hat{u}_{ij\cdot}$. Adjustments for possible hetoroscedasticity of the household-and child-level residuals can be made as for standard ELL, and these can then be resampled in a non-parametric bootstrap procedure, amended to

$$Y_{ijk}^b = X_{ijk}\beta^b + c_i^b + h_{ij}^b + e_{ijk}^b, \quad b = 1,\ldots B$$

In practice however, heteroscedasticity is seldom an issue at either level. An alternative in this case is to generate the bootstrap residuals at cluster, household and child level parametrically from normal distributions with zero means and variances determined from the estimates of the variance components σ_c^2, σ_h^2 and σ_e^2. In the current study (as for Cambodia – see Haslett, Jones and Sefton, 2013), for all the child-level indicators, heteroscedasticity models were not used, and all bootstrapping was done parametrically.

Diarrhoea prevalence is different in one important aspect: there is no underlying continuous variable (e.g. as in height-for-age), and the child-level measurement Y_{ijk} is either 0 (denoting absence of diarrhoea during the study period) or 1 (denoting presence). The statistical model is now

$$\begin{aligned} &\Pr(Y_{ijk} = 1) = p_{ijk} \\ &\text{logit}(p_{ijk}) = X_{ijk}\beta + c_i + h_{ij} \end{aligned} \qquad (2.4)$$

where p_{ijk} represents the probability that the child has experienced diarrhoea. This is a logistic regression model, with the added complication of random effects at cluster and household levels – an example of a Generalized Linear Mixed Model (GLMM). Note that omission of a child-level random effect is conservative here since all extra-binomial variation is being allocated to the higher levels. The bootstrap predictions from the model are now probabilities p_{ijk}^b that can again be averaged at small area level to produce a set of B area-level predictions, from which a point estimate and a standard error can be calculated in the usual way.

2.6 Interpretation of standard errors

The standard error of a particular small area estimate is intended to reflect the uncertainty in that estimate. A rough rule of thumb is to take two standard errors on each side of the point estimate as representing the range of values within which we expect the true value to lie. When two or more small area estimates are being compared, for example when deciding on priority areas for receiving development assistance, the standard errors provide a guide for how accurate each individual estimate is and whether the observed differences in the estimates are indicative of real differences between the areas. They serve as a reminder to users of maps of small area estimates that the information in them represents estimates, which may not always be very precise.

The size of the standard error depends on a number of factors. The poorer the fit of the model (2.1), in terms of small R^2, large σ_c^2 or σ_e^2, or a large $\sigma_c^2/(\sigma_c^2+\sigma_e^2)$ ratio, the more variation in the target variable will be unexplained and the greater will be the standard errors of the small area estimates. The population size, in terms of both the number of households and the number of clusters in the area, is also an important factor. Generally speaking, standard errors for ELL-type small area estimation models decrease proportionally as the square root of the population size. Standard errors will be acceptably small at higher geographic levels but not at lower levels. If we decide to create maps of small area estimates at a level for which the standard errors are generally acceptable, there will be some, smaller, areas for which the standard errors are larger than we would like.

From Table 1.1, the average number of households in an ilaka is 6358, and in a VDC is 1600, so that on average a VDC is close to one quarter the size of an ilaka. In ELL-type small area estimation methods, standard errors increase with the inverse square root of population size, so that on average the standard error for a VDC for a given variable of interest will be close to twice that for an ilaka. This is the reason that this report provides ilaka-level but not VDC-level small area estimates: VDCs are generally too small for sufficiently accurate estimates.

The sample size used in fitting the model is also important. The bootstrapping methodology incorporates the variability in the estimated regression coefficients $\hat{\alpha}$, $\hat{\beta}$. If the sample size is small, these estimates will be very uncertain and the standard errors of the small area estimates will be large. This problem is also affected by the number of explanatory variables included in the auxiliary information, X and Z. A large number of explanatory variables relative to the sample size increases the uncertainty in the regression coefficients. We can always increase the apparent explanatory power of the model (i.e. increase the R^2 from the survey data) by increasing the number of X variables, or by dividing the population into distinct subpopulations and fitting separate models in each, but the increased uncertainty in the estimated coefficients may result in an overall loss of precision when the model is used to predict values for the census data. We must take care not to "over-fit" the model.

There will be some small uncertainty in the estimates, and indeed the standard errors, due to the bootstrapping methodology, which uses a finite sample of bootstrap estimates to approximate the distribution of the estimator. This could be decreased, at the expense of computing time, by increasing the number of bootstrap simulations B.

Finally, the integrity of the estimates and standard errors depends on the fitted model being correct, in that it applies to the census population in the same way that it applied to the sample. This relies on good matching of survey and census to provide valid auxiliary information. We must also take care to

avoid, as much as possible, spurious relationships or artefacts which appear, statistically, to be true in the sample but do not hold in the population. This can be caused by fitting too many variables, but also by choosing variables indiscriminately from a very large set of possibilities. Such a situation could lead to estimates with apparently small, but spurious, standard errors. For this reason, the final step in poverty, undernutrition or health-related mapping, field verification, is extremely important.

The requirement for variables to match in this way between the survey and census is one reason that special care must be taken if the survey and census are not from the same period. The changes between periods can be structural changes, i.e. the interpretation of a particular variable has changed, or simply a change in level. Both types of change have the potential to add to standard errors of estimates, and in some cases to produce bias.

3

Data Sources

3.1 Nepal Living Standards Survey, 2010/11 (NLSS-III)

The Nepal Living Standards Survey was carried out for the first time in 1995/96 by the Central Bureau of Statistics. A second round, NLSS-II, was conducted during 2003/04, with financial and technical assistance from the World Bank and the United Kingdom Department for International Development (DfID), with the main results published in two volumes in 2004 (CBS, 2004a, 2004b). The most recent Nepal Living Standards Survey is NLSS-III 2010/11, again published in two volumes (CBS, 2011a, 2011b).

The NLSS broadly follows the methodology of the World Bank's Living Standards Measurement Survey. It contains an integrated household questionnaire designed to collect data at both household and individual level on socio-demographic characteristics in addition to detailed information about expenditure and food consumption patterns. Consumption is recorded using both recall and diary methods.

The sample design for NLSS-III used a stratified cluster sampling. For logistical reasons, the initial frame for NLSS-III used the frame prepared for the 2008 Nepal Labour Force Survey (NLFS-II). The primary sampling units (PSUs) for the NLFS-II were individual wards or sub-wards or groups of contiguous wards in the same VDC. Wards were grouped where necessary, so that each PSU contained a minimum of 30 households. The enumeration involved extensive cartographic effort to form enumeration blocks each containing about 200 households. For the NLFS-II sample selection, 75 districts and urban and rural areas were amalgamated into six strata – mountains, urban areas of the Kathmandu valley, other urban areas in the hills, rural hills, urban hills, urban Terai and rural Terai. These six strata were further reorganised into 14 strata for the NLSS-III. The strata formed for the NLSS-III were as follows: mountains, urban areas of the Kathmandu valley, other urban areas in the hills, rural Eastern hills, rural Central hills, rural Western hills, rural Mid-Western hills, rural Far-Western hills, urban Terai, rural Eastern Terai, rural Central Terai, rural Western Terai, rural Mid-Western Terai, and rural Far-Western Terai. The sample design for NLSS-III was a modified sub-sample of the sample adopted in NLFS-II. There were 800 PSUs selected – 400 PSUs from urban and 400 PSUs from rural areas. The PSUs were selected with probability proportional to size based on the number of households. For the NLSS-III, two independent samples were selected. One was a cross-sectional sample selected from 500 of the 800 NLFS PSUs, and the other was a panel consisting of PSU and households previously included in one or both of the previous NLSS rounds. For the cross-sectional survey the 800 PSUs were selected with probability proportional to size (pps) based on NLFS-II, then divided into the 14 substrata from which 500 PSUs were selected for NLSS-III with equal probability. Twelve households (with a replacement backup of a further six households) were then selected with equal probability in each selected PSU. For the panel sample of NLSS-III, fifty PSUs were taken from the cross-section first used for NLSS-II, and the other fifty PSUs selected from those used for both NLSS-I and NLSS-II. The same households were selected as in the previous surveys. The sample size for the NLSS-III was estimated at 7200 households in 600 PSUs. Among them, 100 PSUs with 1200 households had been previously the interviewed in

NLSS-I or NLSS-II, and 500 PSUs with 6000 households were selected using the new cross-sectional sample. The measure of size used for pps selection was the number of households in each ward. The survey collected data from 5988 sample households from 499 PSUs in the cross-section sample. For the panel survey from 100 PSUs, 1032 households were sampled, 513 households from NLSS-II and 519 from both the NLSS-I and II, making a total of 7020 households in the survey.

Because the sample size at a particular level has an important bearing on the precision of estimates at that level, we present in Table 3.1 a summary of the coverage of NLSS-III at various levels and the mean and minimum number of households and PSUs at each level. The number of districts, ilakas and VDCs in NLSS-III can be compared with the numbers in Nepal as a whole via Table 1.1. The coverage is adequate at regional level. Four of the 75 districts are not sampled, and at least one of the others has only one PSU. Thus we cannot expect to get precise estimates directly from NLSS-III at district or sub-district levels.

Table 3.1 Structure of NLSS-III at various levels

	Region	District	Ilaka	VDC/Mun	Ward
Contains	5	71	342	381	499
Mean households	1200	84	17.5	15.7	12
Min households	528	12	12	12	12
Mean PSU	100	7	1.5	1.3	
Min PSU	44	1	1	1	

Key: PSU=primary sampling unit, VDC/Mun=Village Development Committee/Municipality

The target variables available in NLSS-III and used in this study are monthly per capita food expenditure and daily per adult equivalent kilocalorie consumption, both averaged at the household level. Calculation of total household-level consumption expenditure and kilocalorie consumption was conducted by CBS. Adjustments for regional price levels and adult equivalence were made as described in the previous section.

3.2 Nepal Demographic and Health Survey, 2011 (NDHS 2011)

The 2011 Nepal Demographic and Health Survey (NDHS 2011) is the fourth DHS survey. It follows the 1996 Nepal Family Health Survey and the 2001 and 2006 Nepal Demographic and Health Surveys. The sample was designed to yield reliable information for the country overall, for urban and rural areas, for the three ecological zones (mountain, hill, and Terai), and for each of the 13 domains from cross-classifying the three ecological zones and the five development regions (Eastern, Central, Western, Mid-Western, and Far-Western). The Western, Mid-Western and Far-Western mountain subregions were combined to represent a single domain due to the small population size in each subregion.

NDHS 2011 was designed to provide estimates with an acceptable level of precision for fertility, health indicators and infant mortality. The survey was designed to sample 11,095 households and approximately 13,200 women aged 15-49 in the sample households and all men aged 15-49 in a sub-sample of one in every two households selected for the woman's interview. The survey included measurement of height and weight for all children under five years of age and questions regarding illness (e.g diarrhoea in the last two weeks) were also included for these children.

Nepal consists of seventy five districts with each district sub-divided into smaller administrative units. Each district is sub-divided into VDCs in the rural areas and municipalities in urban areas, and this defines the enumeration area (EA). The last population census before the 2011 NDHS fieldwork was carried out by the Central Bureau of Statistics in 2001. A sampling frame using the 2011 census was not available in time for the 2011 NDHS, so the survey used the 2001 census for its sampling frame. The ten year time interval between the 2001 Census and the 2011 NDHS required updating the 2001 sampling frame to take account of population growth and mass internal and external migration. The frame revision used partial updating of the 2001 census frame through a quick count of dwellings at the first level by re-enumerating a large sample (about five times larger than the required sample for each of the 13 domains). This enumeration sample was selected with equal probability. The quick count of dwellings was then used as sample frame for the 2011 NDHS sample design. The sample for the 2011 NDHS was selected from this frame with probability proportional to the number of updated dwellings. Weights were calculated for each stage of the selection probability and the final weight is the product of each of the compound weights.

Cross classification of the three zones by the five development regions gives 15 possible domains for the 2011 NDHS. However, the Western, Mid-Western, and Far-Western mountain domains were combined into one domain because of their small population size, giving a total of 13 domains. A minimum of about 600 households were selected for each domain.

The EAs were stratified by urban and rural areas within each domain from the 2001 census frame, and the 2011 NDHS used the same urban-rural stratification as in the 2001 census frame.

Proportional allocation was not used within the 13 domains for EAs used as primary sampling units (PSUs) because estimates with acceptable levels of statistical precision were needed for each domain, and for urban and rural domains of the country as a whole. 83 percent of Nepal's population live in rural areas, so that to provide urban estimates at national level the urban areas were oversampled. With a targeted sample of 11,085 selected households in the 2011 NDHS, 13,485 women were expected to complete the 2011 survey, assuming a similar response rate as NDHS 2006. The ratio of the number of EAs allocated to the urban and rural areas of each domain was roughly one urban to two rural EAs giving 95 urban and 194 rural EAs and a total of 289 EAs for the country. In order to achieve the target sample size, 35 households were randomly selected in each urban EA and 40 households in each rural EA.

Following the quick count, the 2011 NDHS sample was selected using a stratified two-stage cluster design. In each domain (region), EAs were selected with probability proportional to size (using the updated household size from the quick count). If a selected EA was large, more than 300 households, a segmentation process was used, with only one segment chosen with equal probability, among all segments. A complete household listing process was then implemented in the selected segment. For all other selected EAs a complete household listing operation was done, with households selected to give a self-weighted sampling fraction within each EA in the 2011 NDHS the sample was selected with unequal probability so sampling weights need to be applied in tabulations. Corrections for differential response rates are also made. The 2011 NDHS used both household weights and individual weights. The household weight for a particular household is the inverse of its household selection probability multiplied by the inverse of the household response rate of its household response rate group. The individual weight is the household weight multiplied by the inverse of the individual-level response rate of their particular response rate group. There are additional sampling weights for sample subsets, such as domestic violence. The initial weights are standardized.

NDHS 2011 actually sampled 10826 households from 289 PSUs in the thirteen domains.

Anthropometric measures were taken on selected children (aged 0-59 months) to determine nutritional status as described in Section 1.4, in addition to detailed information on household demographic characteristics, environmental conditions and child feeding and caring practices.

Our interest is in the nutritional status of children below five years, so households with no eligible children were eliminated. Of the 5306 eligible children, only 2392 had anthropometric measurements, further reducing the number of contributing households. Most of these had only one eligible child, but 28% had two or more (see Table 3.2).

Table 3.2 Eligible children (0-4 years) per household, NDHS 2011

No. of children	1	2	3	4	>4	Total
%. of households	72.24	24.23	2.98	0.44	0.12	100

The final dataset used consisted of 2392 children in 1812 households in 288 PSUs. The structure is shown in Table 3.3. Three of the 75 districts are not included, and of those present some have very few PSUs, so direct estimates at district and sub-district are not possible.

The target variables of height-for-age, weight-for-age, and weight-for-height (see Section 1.4) were calculated using WHO's Stata programme. The NDHS 2011 report (Ministry of Health and Population, New ERA, and ICF International, 2012) gave the national prevalence of stunting as 41%, underweight 29%, and wasting 11%.

Table 3.3 Structure of NDHS 2011 dataset at various levels

	Region	District	Ilaka	VDC/Mun	Ward
Contains	5	72	215	233	283
Mean children	478	33	11	10	8.5
Min children	346	3	1	1	1
Mean households	362	25	8.4	7.8	6.4
Min households	275	3	1	1	1
Mean psu	58	4	1.3	1.2	1.02
Min psu	43	1	1	1	1

Key: PSU=primary sampling unit

3.3 National Population and Housing Census, 2011 (NPHC 2011)

The National Population and Housing Census 2011 (NPHC 2011) is the eleventh population census in Nepal. The first population census was conducted in 1911. The first census using internationally comparable concepts, definitions and classifications was conducted in 1952/54. NPHC 2011 used detailed EA maps for urban and VDC maps for rural areas, ethnically inclusive field staff, extensive publicity, independent observers, and quality controlled data processing. NPHC 2011 was carried out on 22 June 2011.

The census collected information on all residents of Nepal based on their usual place of residence. As noted in CBS (2013a, p1):

"A person was counted at his/her usual place of residence. Usual place of residence is defined as a place where a person had been living or intends to live for at least six months. A person absent from usual

place for short period for the purpose of treatment or pilgrimage or similar causes is treated as present in the usual place. Persons away or absent from birth place or usual place for employment or study or business purpose is considered absent population and thus, not counted as present population. However, homeless or mobile population was counted at the place where they were traced on the last day of enumeration or 27 June 2011. This method in brief, is termed as 'modified de jure'".

Households were classified as residential, or institutional type (e.g. barracks, hostels, and monasteries).

The population of Nepal on census day was 26,494,504, showing a population growth rate of 1.35 per annum. The total number of households was 5,427,302 with 5,423,297 individual households and 4,005 institutional households.

Since the survey data only covered residential households, it was decided to restrict the census datasets to only residential households. We also eliminated the few remaining households where household size was unusually large (greater than 32).

The structure of each of the two derived census datasets (household- and child-level) is shown in Tables 3.4 and 3.5, in terms of number of households and number of enumeration areas.

Table 3.4 Structure of census household dataset at various levels

	Region	District	Ilaka	VDC/Mun	Ward
Contains	5	75	976	3973	36041
Mean households	1084600	72306	5550	1364	151
Min households	469640	1448	58	33	1
Mean ea	8130	542	41.6	19	1.12
Min ea	3762	117	9	3	1

Key: ea= enumeration area

Table 3.5 Structure of census child (under 5) dataset at various levels

	Region	District	Ilaka	VDC/Mun	Ward
Contains	5	75	976	3973	36041
Mean children	513226	34215	2627	645	71
Min children	296508	376	9	4	1
Mean households	384246	25616	1966	483	53
Min households	212830	326	9	3	1
Mean ea	8115	541	42	10	1.1
Min ea	3761	86	4	3	1

Key: ea=enumeration area

The number of eligible children (under five years) per household for the child-level census data is shown in Table 3.6. This is similar to the distribution of eligible children in NDHS 2011 (Table 3.2).

Table 3.6 Eligible children (0-4 years) per household, NPHC 2011

No. of children	1	2	3	4	>4	Total
%. of households	72.63	22.69	3.6	0.79	0.29	100

4 Implementation

4.1 Selection of auxiliary data

The auxiliary data X used to predict the target variable Y can be classified into two types: the survey variables, obtainable or derivable from the survey at household or individual level, and area-level variables applying to particular geographic units that can be merged from other sources into the survey data using area codes (e.g. region, district, ilaka, VDC/municipality and ward codes). The latter includes means of census variables calculated at enumeration area level from the census data.

As noted earlier, it is important that any auxiliary variables used in modelling and predicting should be comparable in the estimation (survey) data set and the prediction (census) data set. In the case of survey variables, we begin by examining the survey and census questionnaires, to find out which questions in each elicit equivalent information. In some cases equivalence may be achieved by collapsing some categories of answers. For example in the 2011 census questionnaire, there are seven categories for Roof Material, whereas in NDHS 2011 there are thirteen such categories, some of which appear to correspond exactly to the census categories and others which do not: a new categorization needs to be defined into which the Census 2011 and NDHS 2011 categories can be mapped. A preliminary identification and matching of common survey and census variables, in consultation with CBS staff, was reported by Haslett et al (2013) for NLSS-III and NDHS 2011. The two sets of common variables were then subjected to statistical checks to ensure that the corresponding survey and census variables matched statistically as well as conceptually. In the case of categorical data, we compare proportions in each category; for numerical data, such as household proportion of females, we compare the means and standard deviations. For this purpose confidence intervals can be calculated for the relevant statistics in the survey data set, taking account of the stratification and clustering in the sample design. The equivalent statistic for the census data should be within the confidence interval for the survey. Failures in statistical matching can sometimes be resolved by further collapsing categorical variables. A list of matching variables for each of the survey datasets is given in Appendices A.1 and A.2.

For modelling purposes the first level of each categorical variable was dropped so that the first category becomes the reference category with which others are compared. We also created some new variables from this basic list, for example mean-corrected squared household size defined as **hhszsq=(hhsize-5)**^{2}, and interactions between basic variables such as **urban×roof_s** which modifies the effect of having a straw roof according to whether the household is in an urban or rural area.

Generally, variables which are in either census dataset, but are either not in the survey or do not match properly, can still be used by forming regional averages and merging them with the survey data using regional indicators. The inclusion of these census means should be straightforward since they can be merged with the survey and census data using indicators for the geographical unit to which each household or individual belongs. This can be problematic in practice however, because of changing boundaries and the creation of new units or codes. Most of these problems were solved in collaboration with CBS, and the few remaining unmatched households should have negligible influence on the final

estimates. Appendix A.4 gives a list of all the census means considered in the modelling process. These variables have all been averaged at ward level.

4.2 First stage regressions

The selection of appropriate models for (2.1), (2.3) and (2.4) is a difficult problem. We have a large number of possible predictor variables (36 + 85 = 121 for NLSS-III, 66 for NDHS 2011 and 12 GIS variables: see Appendix A) to choose from, with inevitably a good deal of interrelationship between them in the form of multicollinearity. If we also include two-way interactions, there are well over a thousand. (A "two-way interaction" is the product of two basic or "main-effect" variables). Squares or other transformations of numerical variables could also be considered. As noted in Section 2.6, we must be careful not to over-fit, so the number of predictors included in the model should be small compared to the number of observations in the survey, but there is also the problem of selecting a few variables from the large number available which appear to be useful, only to find (or even worse, not find) an apparently strong statistical relationship in the survey data, which does not hold for the population as a whole.

The search for significant relationships over such a large collection of variables must inevitably be automated to a certain extent, but we have chosen not to rely entirely on automatic variable selection methods such as stepwise or best-subsets regression. See Miller (2002) for a general discussion of subset selection. We have generally adopted the principle of hierarchical modelling in which higher-order terms such as two-way interactions are included in the model only if their corresponding main-effects are also included. Thus we begin with main-effects only, and add interaction and nonlinear terms carefully and judiciously. We look not just for statistical significance but also for a plausible relationship. Following the initial fit, some categorical variables were collapsed further to give smaller numbers of distinct categories when there was no significant difference between the estimated effects of similar categories. For example, the seven categories of **wall** in NLSS-III were eventually collapsed to two: "**wood**" and "**other**".

Other implementations of ELL methodology have fitted separate models for each stratum defined by the survey design. This has the advantage of tailoring the model to account for the different characteristics of each stratum, but it can increase the problem of over-fitting if some strata are small. We chose initially to try for one model across the whole country, and then to use regional interaction terms as necessary to allow for modelling differences between regions. This has the advantage of more stable parameter estimates and a better chance of finding genuine relationships that apply outside of the estimation data. Following this approach for modelling log per capita food expenditure in NLSS-III, we obtained an R^2 value of 37.4% (see Appendix B.1). Our model for log per adult equivalent kilocalorie consumption in the same dataset achieved an R^2 of 17.7% (see Appendix B.2). These R^2 values are not particularly high, but as noted earlier, reasonable precision in the small area estimates can still be achieved if, as is the case here, the unexplained variation is mostly at household rather than cluster level.

We were less successful at finding good predictive models based on R^2 for the other target variables (height-for-age, weight-for-age, weight-for-height and diarrhoea prevalence) based on NDHS 2011. For modelling height-for-age, weight-for-age and weight-for-height, the R^2 values were in the range 12-18%. The resulting models are given in Appendices B.3, B.4, and B.5. Although the R^2 for each was 20% or less, it is interesting to note that the major component of unexplained variation for each appears to be between children in the same household. If we calculate a generalised-R^2 at cluster level, we find that in each case a significant proportion (> 60%) of the cluster-level variation is being captured by the model.

R^2 is not a useful summary for logistic regression models such as our model for diarrhoea prevalence (Appendix B.6). We can however compare the estimated variances for the household and cluster level effects. Since most of the unexplained variation is at household level, reasonably precise small area estimates could be possible.

We departed from the usual ELL implementation in our use of a single-stage, robust regression procedure for estimating the models. This has the advantages of accounting for the survey design and obtaining consistent estimates of the covariance matrices in a single step. These covariance matrices were saved, along with the parameter estimates and both household- and cluster-level residuals (as defined in Section 2.3) or estimated variance components (as in Section 2.5), for implementation of the prediction step.

4.3 Variance modelling

Like Healy et al (2003) we amended the regression model (2.2) for the household-level residual variance to prevent very small residuals from becoming too influential. We used a slightly different amendment:

$$L_{ij} \equiv \ln\left(\frac{\hat{e}_{ij}^2 + \delta}{A - \hat{e}_{ij}^2}\right) = Z_{ij}\alpha + r_{ij}$$

where δ is a small positive constant and A is chosen to be just larger than the largest (e.g. $\delta = 0.0001$, $A = 1.05 \times \max \hat{e}_{ij}^2$). These choices can be justified empirically by graphical examination of the L_{ij}, which should show neither abrupt truncation nor extreme outliers. The predicted value of the household-specific variance, using the delta method, then becomes:

$$\sigma_{e,ij}^2 = \left[\frac{AB_{ij} - \delta}{1 + B_{ij}}\right] + \frac{1}{2}\hat{\sigma}_r^2\left[\frac{(A+\delta)B_{ij}(1-B_{ij})}{(1+B_{ij})^3}\right]$$

where $B = e^{Z\alpha}$

There was however very little heteroscedasticity in any of our models. For example, the heteroscedasticity regressions for log per capita food expenditure gave an R^2 value of just over 1%. These models for variance essentially control for outliers, by adjusting or shrinking large residuals toward zero. They form an explicit part of the ELL methodology. Other forms are possible. Even skipping this step would have been acceptable given the low R^2 values. However, in keeping with the need to maintain international comparison, for example with Cambodia, South Africa, Bangladesh, and the Philippines, heteroscedasticity modelling has been used here for food expenditure and calorie consumption, using Region and Belt as covariates. Despite the negligible R^2, the coefficients were statistically significant in the regression, and there is a priori expectation of structural differences between regions.

For modelling height-for-age, weight-for-age and weight-for-height, we found it unnecessary to model household- or child-level heteroscedasticity. As detailed in Section 2.5, we now have a three-level model, in which the regression residuals can be decomposed into three components

$$u_{ijk} = c_i + h_{ij} + e_{ijk} \quad (4.1)$$

for child k in household j of cluster (PSU) i. The variances σ_c^2, σ_h^2, σ_e^2 of the respective components can be estimated by maximum likelihood (ML) or restricted maximum likelihood (REML), and the cluster- and household-level residuals (or random effects) derived as empirical best linear unbiased

predictors (EBLUPs). For methodological details see Laird and Ware (1982) and Robinson (1991). The alternative of defining household-level residuals to be the average of the regression residuals for each respective household is not appropriate here, as most households had only one child. Our previous implementation of this method in Nepal (Jones and Haslett, 2006) adjusted the three sets of residuals for shrinkage and used these in a nonparametric bootstrap procedure, as described in the next section. Here we use the much simpler parametric bootstrap approach, sampling from normal distributions with variances set to the estimated variance components. There should be little difference in practice as estimation with this many levels tends to encourage approximate normality in the residuals.

The final child-level model (equation 2.4) is diarrhoea prevalence. Since the response at unit (child) level is binary (0 or 1), we model the probability p_{ijk} that a child has diarrhoea. This builds in some child-level variation since the expected value is p_{ijk} but the observed values are either 0 or 1. The model includes variance components at household and cluster levels. It would be theoretically possible to allow for heteroscedasticity in the household component but, as with our other child-level models, this has not been done here. Regression of the predicted household-level residuals suggested little to no heteroscedasticity (R^2 < 1%).

4.4 Simulation of predicted values

Simulated values for the model parameters α and β were obtained by parametric bootstrap, i.e. drawn from their respective sampling distributions as estimated by the survey regressions. Simulation of the cluster-and standardized household-level effects c_i and e^*_{ij} presents several possible choices. A parametric bootstrap could be used by fitting suitable distributions (e.g. Normal, t) to the residuals and drawing randomly from these. For simulating log per capita expenditure, and hence food poverty prevalence, we chose a non-parametric bootstrap in which we sample with replacement from the residuals, i.e. from the empirical distributions. One can either resample the e^*_{ij} from the full set or only from those within the cluster corresponding to the chosen h_i. For the household-level models we chose the latter, which links the household effects estimated via the bootstrap to households in the same cluster, so when mean-correcting the standardized residuals (see Section 2.3) we used

$$\hat{e}^*_{ij} = \hat{e}_{ij} / \hat{\sigma}_{e,ij} - \frac{1}{n_i}\sum_{j=1}^{n_i} \hat{e}_{ij} / \hat{\sigma}_{e,ij}$$

Note that mean correction when needed can be an indication of the extent of any bias in the bootstrap and hence of an incorrect regression model, so it is encouraging that mean corrections here were small in relative terms.

A total of 100 bootstrap predicted values Y^b_{ij} were produced for each unit in the census and for each target variable, as described in Section 2.4. For the child-level models, height-for-age, weight-for-age, and weight-for-height, this was amended slightly to

$$Y^b_{ijk} = X_{ijk}\beta^b + c^b_i + h^b_{ij} + e^b_{ijk}, \; b = 1, \ldots B$$

with the residuals at each level $c^b_i, h^b_{ij}, e^b_{ijk}$ drawn independently from normal distributions with mean zero and variances equal to the estimated variance components from the regression analysis. For diarrhoea the bootstrap probabilities p^b_{ijk} incorporated residuals c^b_i, h^b_{ij} drawn from normal distributions with variances equal to the estimated variance components from the GLMM, as detailed in Section 2.5.

4.5 Production of final estimates

Since a log transform was applied in modelling food expenditure and calorie consumption, we first reverse this transformation by exponentiating, e.g. predicted expenditure $E_{ij}^b = e^{Y_{ij}^b}$. The predicted values can then be grouped at the appropriate geographic level. Our main target is ilaka-level small area estimates, but we have also considered higher levels of aggregation (region, belt, and urban/rural) for comparison with the direct survey estimates. The reasons for not providing VDC-level estimates have been given in Section 2.6.

Once the predicted values have been produced and stored it is easy to investigate alternative levels of aggregation, using the standard errors as a guide to what is an appropriate level.

For expenditure-based calorie consumption the census units are households and the target variables are household average values, so the aggregation needs to be weighted by household size. Thus for example the formula for P_R^b the bth bootstrap estimate of food poverty prevalence (α = 0 in equation 1.1) in region R is amended to:

$$P_R^b = \sum_{ij \in R} n_{ij} \cdot I(E_{ij}^b < z) \Big/ \sum_{ij \in R} n_{ij}$$

where n_{ij} is the size of household ij in R. The census units for height-for-age, weight-for-age, weight-for-height and diarrhoea prevalence are individual children, so no weighting is required. For example the estimated prevalence of stunting for region R is:

$$S_R^b = \sum_{ij \in R} I(HAZ_{ij}^b < -2.00) / N_R$$

where N_R is the number of eligible children in R.

The 100 bootstrap estimates for each region, e.g. $P_R^1 \ldots P_R^{100}$, were summarized by their mean and standard deviation, giving a point estimate and a standard error for each region. For food expenditure and calorie consumption we have produced prevalence, gap and severity estimates with respect to a standard cutoff (food poverty line, daily adult kilocalorie requirement). For height-for-age, weight-for-age and weight-for-height we only give two measures: prevalence below two standard deviations and prevalence below three standard deviations. For diarrhoea only prevalence is possible.

To avoid the situation where two conflicting estimates exist for the country as a whole, a direct survey-based estimate and an aggregation of the small area estimates to country level, we employed a benchmarking routine whereby all small area estimates were adjusted to the direct survey-based estimates for the whole of Nepal. For any small area regional estimate θ_R^{SAE} the corresponding benchmarked estimate is

$$\theta_R^{SAE,B} = \theta_R^{SAE} \times \frac{\theta_N^D}{\theta_N^{SAE}}$$

where θ_N^D is the direct survey estimate, and θ_N^{SAE} is the aggregated small area estimate, for the whole of Nepal. The standard errors are transformed in the same way.

5

Results for Food Poverty and Low Kilocalorie Intake

5.1 Food poverty

The results for food poverty prevalence were first accumulated to high levels of aggregation for comparison with the direct estimates available from NLSS-III. Table 5.1 shows both sets of estimates (P0) together with their standard errors (se). These estimates are all based on the food expenditure data and food poverty lines, and are for comparison purposes only. The standard errors for the direct survey estimates have been calculated using a robust variance technique which controls for the survey design. The standard errors for the small area estimates (SAE) are the standard deviations of the 100 bootstrap estimates. We have added a standardized difference between the two sets of estimates, defined as

$$Z = \frac{\text{Small area estimate - direct estimate}}{\sqrt{(\text{Small area se})^2 + (\text{direct estimate se})^2}}$$

If both estimate methods are correctly estimating the same quantities, then Z should approximate a standard normal distribution.

Table 5.1 Comparison of estimates of food poverty prevalence

	SAE		NLSS-III		Standard
	P0	se	P0	se	Difference
East	0.170	0.009	0.185	0.017	-0.781
Central	0.215	0.010	0.206	0.017	0.434
West	0.174	0.009	0.185	0.021	-0.492
Mid-West	0.297	0.013	0.314	0.028	-0.553
Far-West	0.453	0.029	0.432	0.041	0.414
Mountain	0.483	0.029	0.485	0.048	-0.048
Hills	0.254	0.011	0.260	0.015	-0.343
Terai	0.178	0.009	0.168	0.012	0.691
Urban	0.180	0.010	0.149	0.012	2.004
Rural	0.242	0.008	0.251	0.012	-0.632

Key: se=standard error P0=prevalence of food poverty

These Z scores suggest that the small area estimates are all within two standard errors of the direct estimates, indicating a reasonable level of agreement between the two, especially since there are eight tests of significance, so that it could be expected that one Z score would exceed two even if none were really statistically significant.

We note from Table 5.1 that, although in all cases the SAEs are more precise (i.e. smaller standard errors) than the direct estimates, there is little reduction in standard error from the small area methodology at the largest levels of aggregation. This is because the uncertainty in the direct estimates due to sampling variability is replaced by uncertainty in the estimated model for the SAEs. At the lower levels however the improvement in precision is much more dramatic.

Table 5.2 Summary of district-level food poverty estimates

	Prevalence		Gap		Severity	
	P0	se0	P1	se1	P2	se2
Mean	0.2866	0.0217	0.0684	0.0073	0.0243	0.0032
Standard deviation	0.1439	0.0101	0.0450	0.0047	0.0184	0.0024
Minimum	0.0714	0.0067	0.0122	0.0015	0.0034	0.0005
Maximum	0.7454	0.0431	0.2359	0.0200	0.0976	0.0114

Key: se=standard error P0, P1, P2= food poverty prevalence, gap, and severity

Table 5.2 gives a statistical summary of the estimates for the 75 districts. A complete listing of the estimates is given in Appendix C. Food poverty prevalence at district level ranges from 7.1% (Jhapa) to 74.5% (Bajura), with a standard deviation of 14.4%. The standard errors of these estimates are acceptably small, being in all cases less than 4.3% and with a mean of 2.2% (about 15% of the variability between districts).

The general pattern of the food poverty estimates in Nepal is that food poverty is comparatively low in urban areas (especially Kathmandu), slightly higher in the Terai, and progressively higher with increasing elevation particularly in the Far-West.

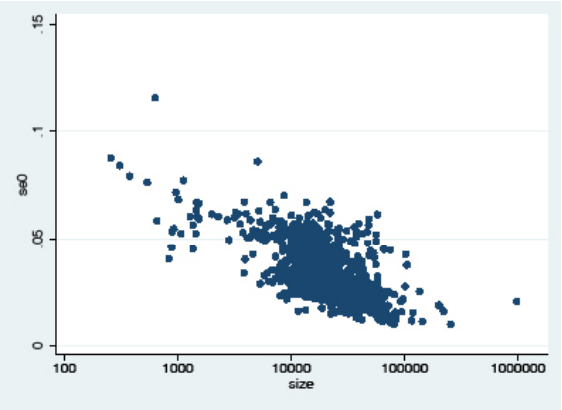
Table 5.3 Summary of ilaka-level food poverty estimates

	Prevalence		Gap		Severity	
	P0	se0	P1	se1	P2	se2
Mean	0.2701	0.0349	0.0633	0.0113	0.0222	0.0051
Standard deviation	0.1474	0.0131	0.0449	0.0059	0.0181	0.0032
Minimum	0.0439	0.0098	0.0072	0.0022	0.0020	0.0008
Maximum	0.7877	0.1159	0.2578	0.0356	0.1100	0.0206

Key: se=standard error P0, P1, P2= food poverty prevalence, gap, and severity

Table 5.3 gives a statistical summary of the estimates for the 976 ilaka. The standard errors of the prevalence estimates have a mean of 3.5%, and most standard errors (823 out of 976) are below 5%. Figure 5.1 shows that, as expected, the larger standard errors occur in the smaller ilaka in terms of population size. For the most part, then, these estimates would seem to be useful in making food poverty comparisons at ilaka level.

Figure 5.1 Standard error of food poverty prevalence estimate versus ilaka size



5.2 Low kilocalorie intake

Table 5.4 shows a comparison of the direct survey-based estimates and the small area estimates of prevalence of low kilocalorie intake (K0) at high levels of aggregation. Again we find that, based on the *Z* scores, the small area estimates are all within two standard errors of the direct estimates, indicating a reasonable level of agreement between the two. In all cases, except the rural estimate where the standard errors are roughly equal, the SAEs are more precise (i.e. smaller standard errors) than the direct estimates, although there is little reduction in standard error from the small area methodology at these levels of aggregation.

Table 5.4 Comparison of estimates of low kilocalorie intake prevalence

	SAE		NLSS-III		Standard
	K0	se	K0	se	Difference
East	0.244	0.011	0.251	0.017	-0.321
Central	0.312	0.009	0.292	0.015	1.129
West	0.293	0.011	0.312	0.019	-0.842
Mid-West	0.363	0.015	0.388	0.027	-0.829
Far-West	0.324	0.015	0.323	0.031	0.025
Mountain	0.382	0.017	0.357	0.042	-0.551
Hills	0.364	0.012	0.372	0.013	0.444
Terai	0.237	0.012	0.229	0.013	-0.454
Urban	0.345	0.013	0.352	0.015	0.345
Rural	0.293	0.011	0.289	0.011	-0.203

Key: se=standard error K0= prevalence of low kilocalorie intake

Table 5.5 gives a statistical summary of the estimates for the 75 districts. A complete listing of the estimates is given in Appendix C and D. Prevalence of low kilocalorie intake at district level ranges from 18.2% (Jhapa) to 53.2% (Humla), with a standard deviation of 7.2%. The standard errors of these estimates are acceptably small, being in all cases less than 5.4% and with a mean of 2.1% (about 29% of the variability between districts).

Table 5.5 Summary of district-level low kilocalorie intake estimates

	Prevalence		Gap		Severity	
	K0	se0	K1	se1	K2	se2
Mean	0.3331	0.0209	0.0685	0.0064	0.0229	0.0028
Standard deviation	0.0723	0.0093	0.0227	0.0040	0.0096	0.0020
Minimum	0.1819	0.0125	0.0276	0.0026	0.0074	0.0009
Maximum	0.5315	0.0542	0.1446	0.0235	0.0577	0.0121

Key: se=standard error K0, K1, K2= prevalence of low kilocalorie intake, gap, and severity

Table 5.6 gives a statistical summary of the estimates for the 976 ilaka. The standard errors of the prevalence estimates have a mean of 3.5%, and most standard errors (899 out of 977) are below 5%. For the most part, then, these estimates would seem to be useful in making low kilocalorie intake comparisons at ilaka level.

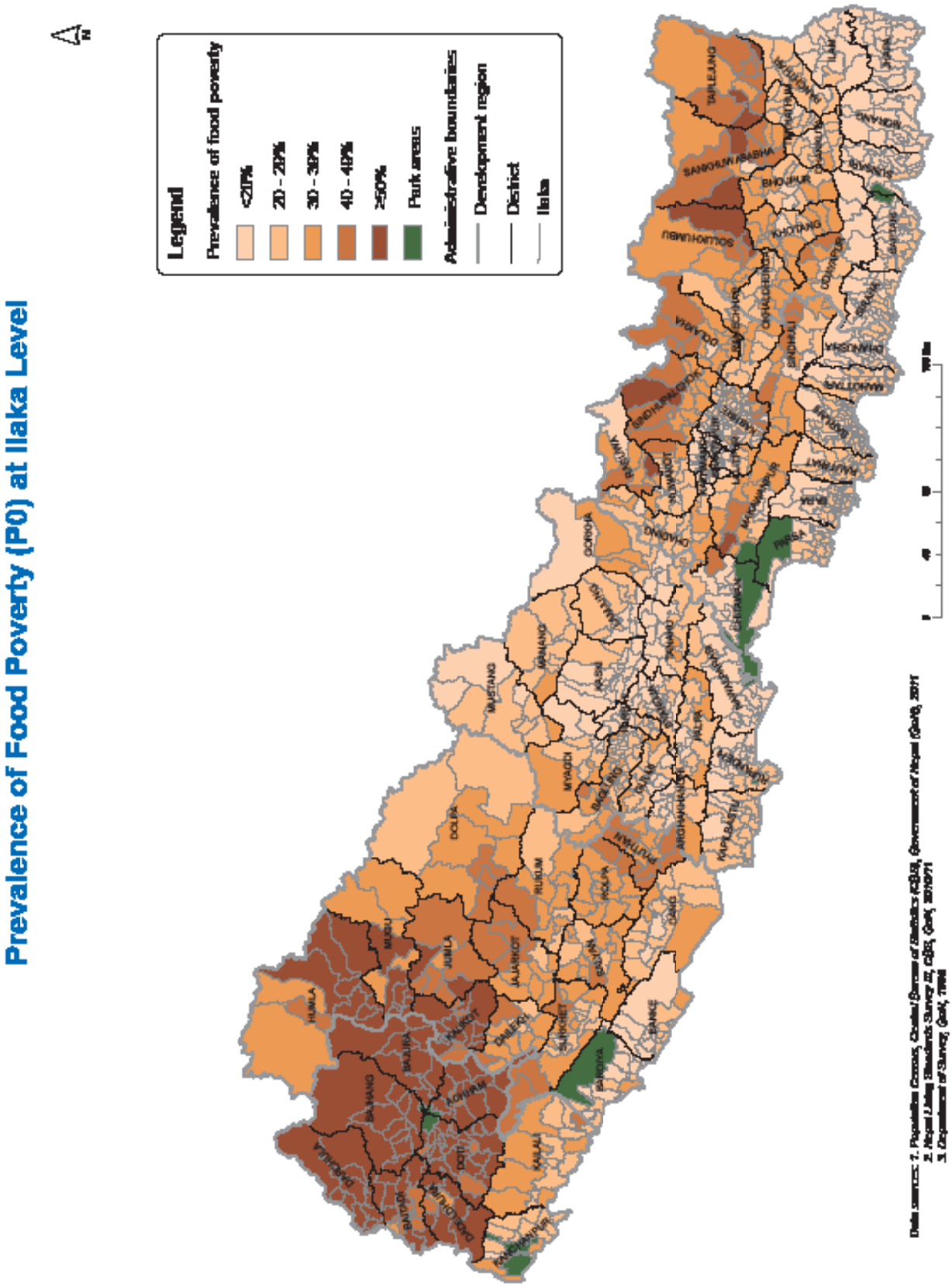
Table 5.6 Summary of ilaka-level low kilocalorie intake estimates

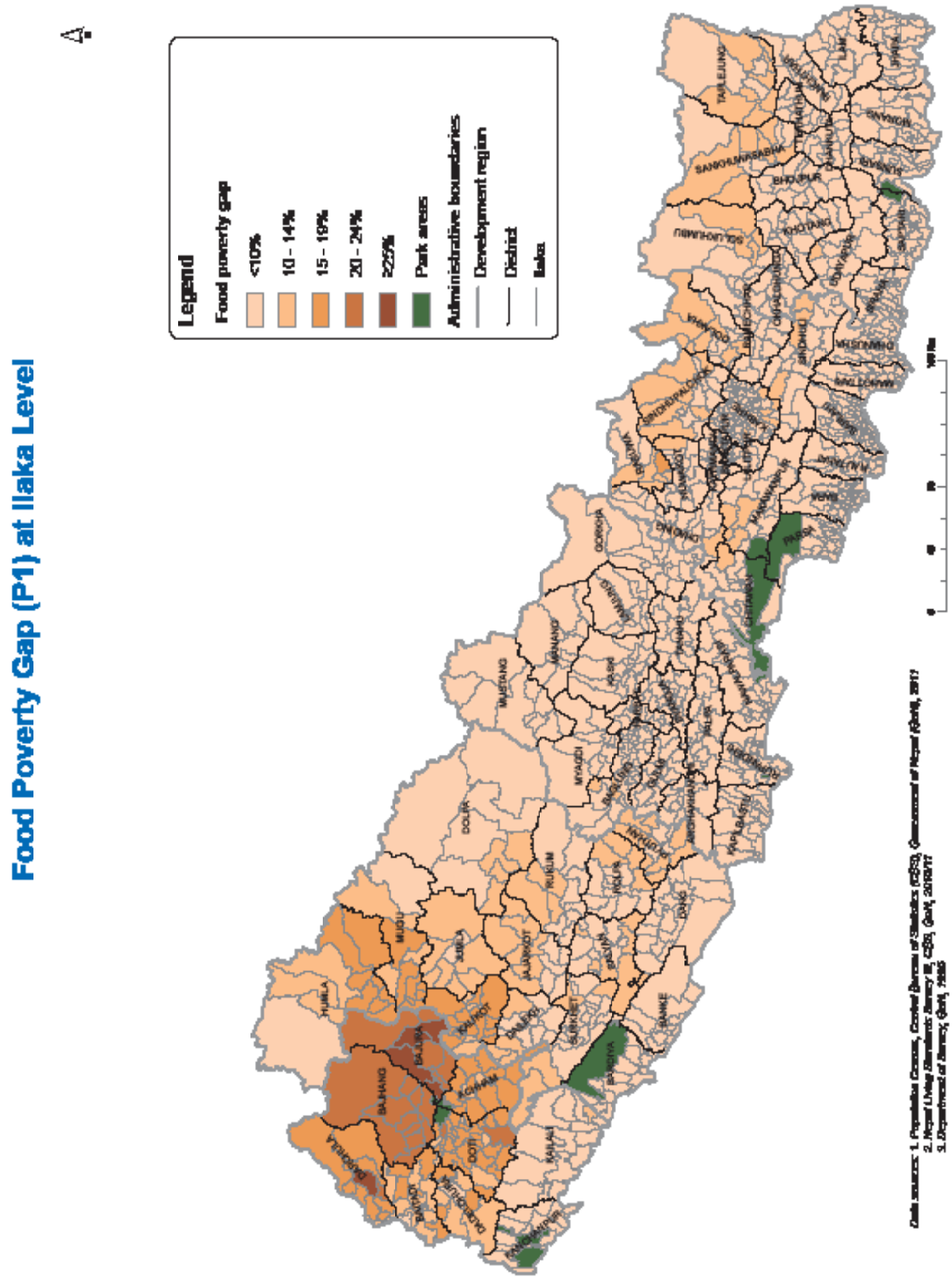
	Prevalence		Gap		Severity	
	K0	se0	K1	se1	K2	se2
Mean	0.3164	0.0348	0.0637	0.0100	0.0210	0.0046
Standard deviation	0.0845	0.0110	0.0247	0.0045	0.0100	0.0024
Minimum	0.1088	0.0181	0.0187	0.0040	0.0053	0.0013
Maximum	0.6137	0.1106	0.1756	0.0424	0.0719	0.0233

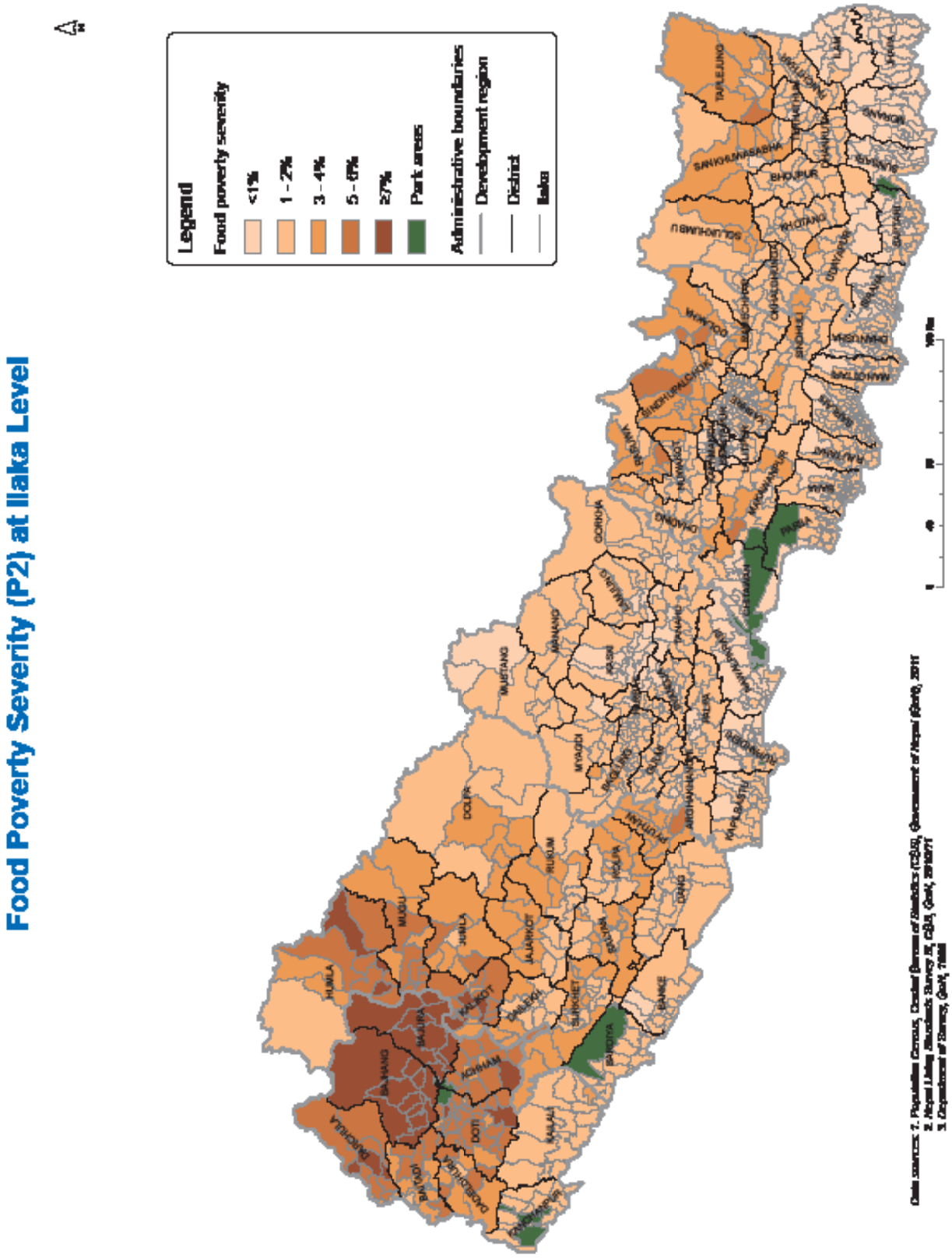
Key: se=standard error K0, K1, K2= prevalence of low kilocalorie intake, gap, and severity

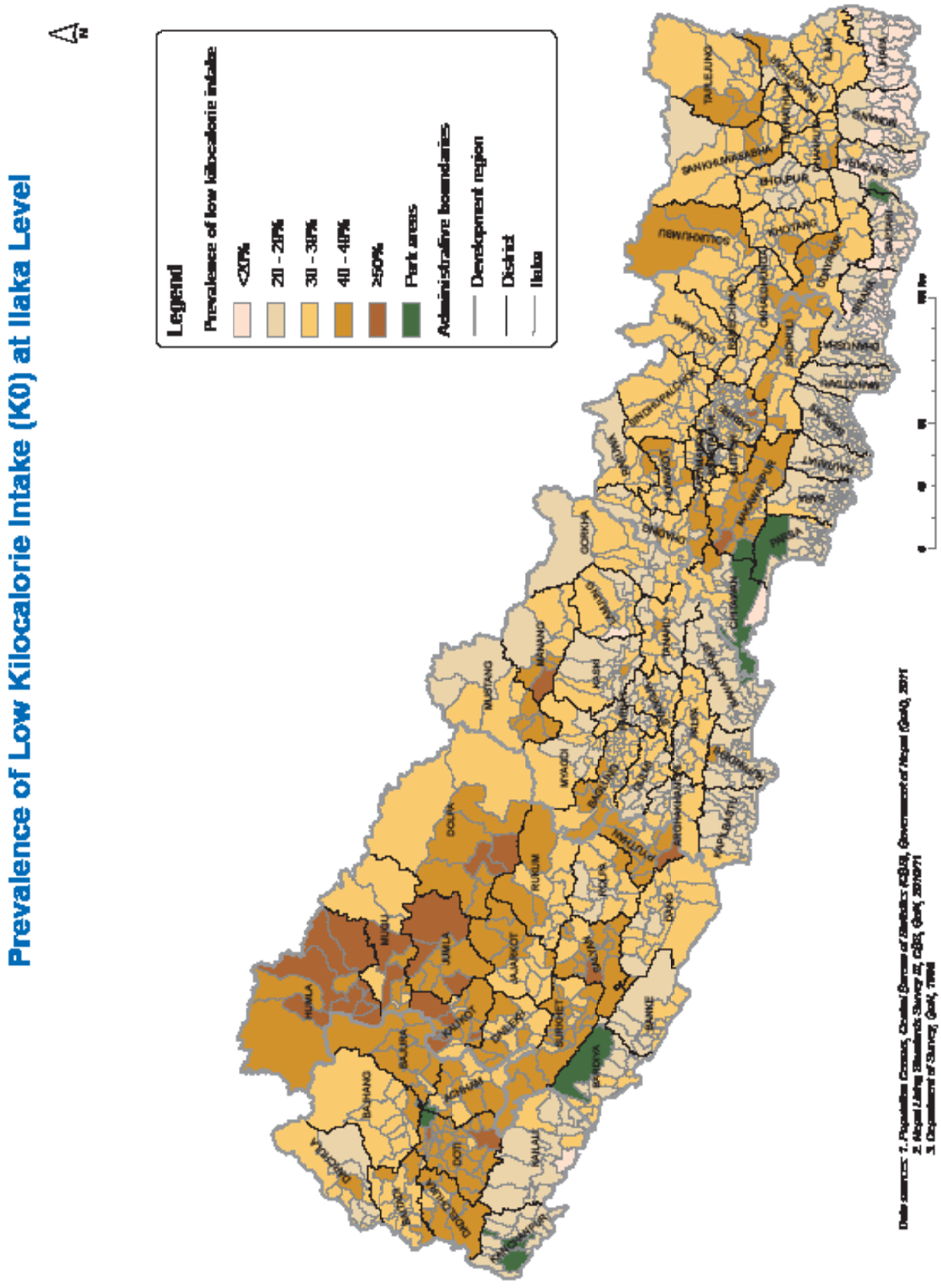
5.3 Food poverty and low kilocalorie intake maps

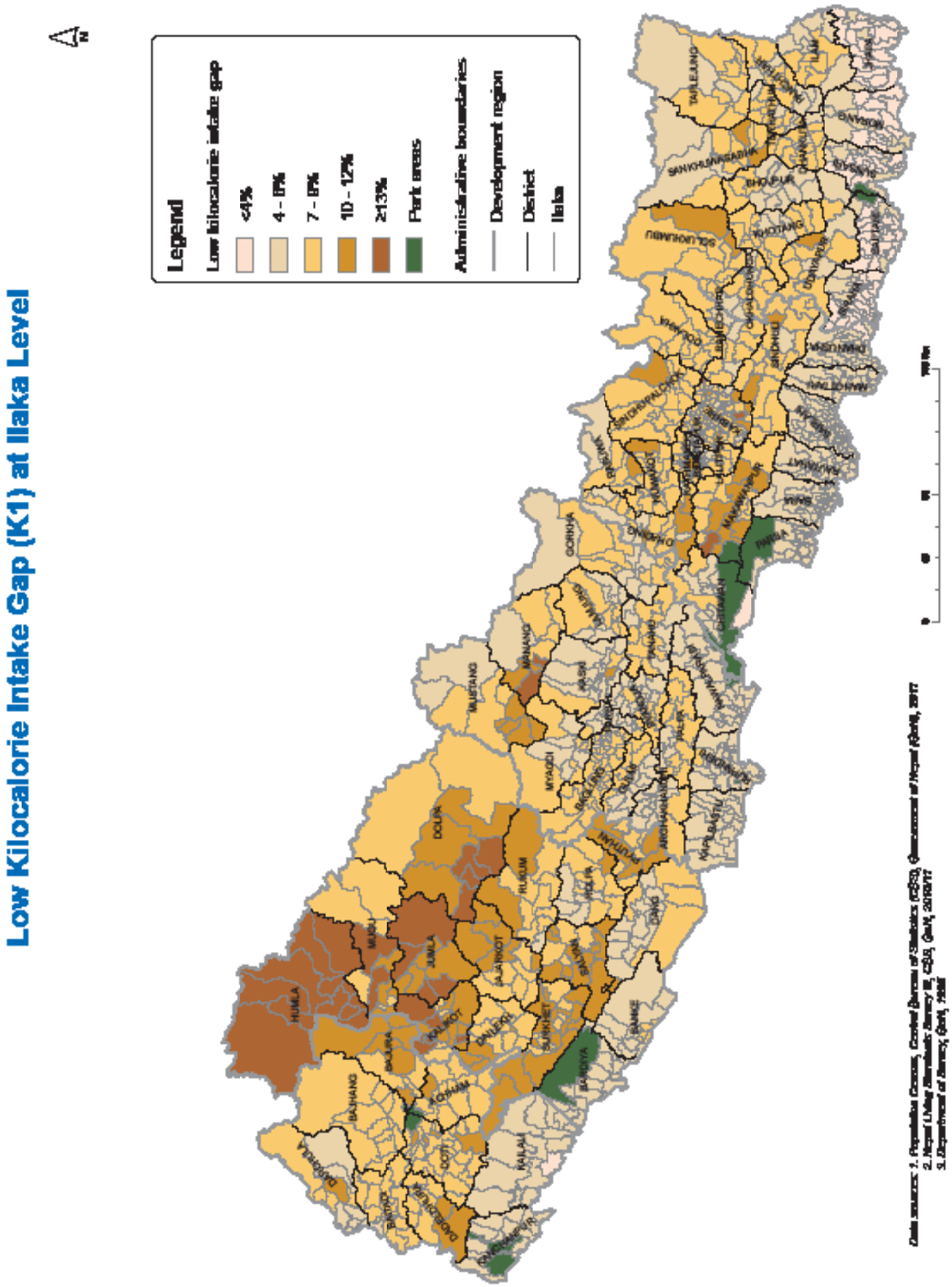
Maps of food poverty - prevalence (P0), gap (P1) and severity (P2) - and low kilocalorie intake - prevalence (K0), gap (K1) and severity (K2) - at the ilaka level are provided here.

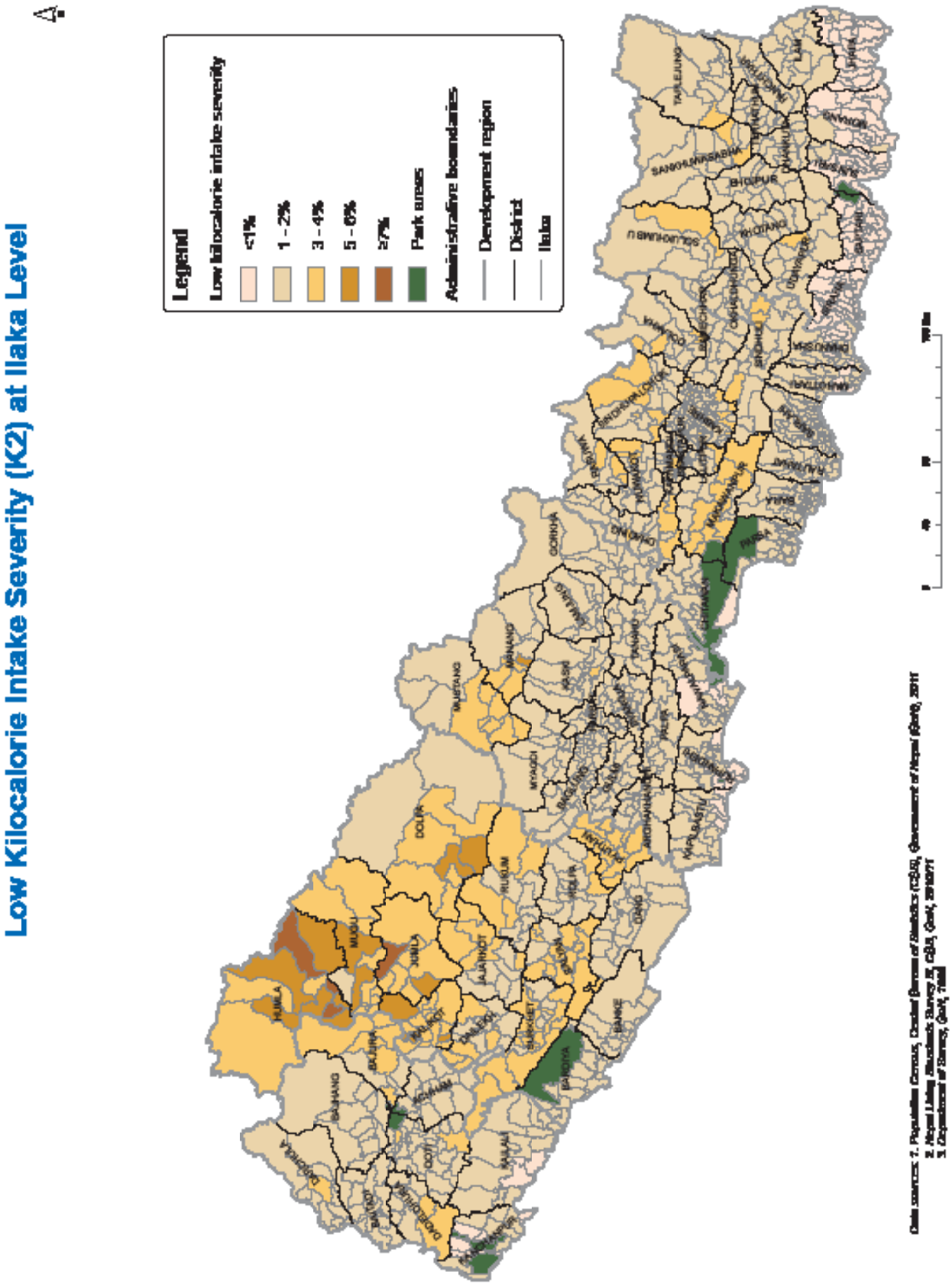

Prevalence of Food Poverty (P0) at Ilaka Level
Legend
Prevalence of food poverty
<20%
20 - 29%
30 - 39%
40 - 49%
≥50%
Park areas
Administrative boundaries
Development region
District
Ilaka
N


Food Poverty Gap (P1) at Ilaka Level
Legend
Food poverty gap
<10%
10 - 14%
15 - 19%
20 - 24%
≥25%
Park areas
Administrative boundaries
Development region
District
Ilaka
Miles
Data sources: 1. Population Census, Central Bureau of Statistics (CBS), Government of Nepal (GoN), 2011
2. Nepal Living Standards Survey III, CBS, GoN, 2010/11
3. Department of Survey, GoN, 1996


Food Poverty Severity (P2) at Ilaka Level
Legend
Food poverty severity
<1%
1 - 2%
3 - 4%
5 - 6%
≥7%
Park areas
Administrative boundaries
Development region
District
Ilaka


Prevalence of Low Kilocalorie Intake (K0) at Ilaka Level
N
Legend
Prevalence of low kilocalorie intake
<20%
20 - 29%
30 - 39%
40 - 49%
≥50%
Part areas
Administrative boundaries
Development region
District
Ilaka


Low Kilocalorie Intake Gap (K1) at Ilaka Level
N
Legend
Low kilocalorie intake gap
<4%
4 - 6%
7 - 9%
10 - 12%
≥13%
Park areas
Administrative boundaries
Development region
District
Ilaka


Low Kilocalorie Intake Severity (K2) at Ilaka Level
Legend
Low kilocalorie intake severity
<1%
1 - 2%
3 - 4%
5 - 6%
≥7%
Park areas
Administrative boundaries
Development region
District
Ilaka

6

Results for Child Undernutrition and Diarrhoea

6.1 Results for stunting

Table 6.1 Comparison of estimates of stunting prevalence for children < 5

	SAE		NDHS 2011		Standard
	S2	se	S2	se	Difference
East	0.368	0.014	0.359	0.028	0.299
Central	0.384	0.015	0.368	0.025	0.552
West	0.365	0.012	0.381	0.037	-0.412
Mid-West	0.465	0.017	0.494	0.035	-0.771
Far-West	0.469	0.017	0.480	0.035	-0.275
Mountain	0.534	0.019	0.511	0.029	0.668
Hills	0.411	0.015	0.417	0.021	-0.238
Terai	0.371	0.014	0.370	0.021	0.017
Urban	0.308	0.022	0.281	0.024	0.842
Rural	0.413	0.013	0.411	0.016	0.102

Key: se=standard error S2= prevalence of stunting

Table 6.1 compares the SAEs with the direct survey estimates from NDHS 2011 at high levels of aggregation. The small area estimates match very well with the direct estimates, since all the standard differences are quite small. As noted earlier, the first stage regression model for height-for-age were poor in terms of predictive power, with an R^2 values of only 18% (see Appendix B). Despite this, it appears from Table 6.1 that the small area estimates of stunting at high aggregation levels still have smaller standard errors than the direct estimates from the survey. This is perhaps due to the fact that very little of the residual variation from the model is at PSU-level, so that this unexplained variation, though considerable, is mostly averaged over a large number of individuals. Note that with a cluster-level generalised-R^2 of 62%, the model is explaining most of the PSU-level variation.

Turning to the district-level estimates, summarized in Table 6.2, we find that the standard errors are quite small, with an average of only 2.2% for stunting prevalence. Only four of 75 are over 3%. The estimates of stunting prevalence range from 27.8% (Kathmandu) to 57.5% (Bajhang). The standard errors for severe stunting are also quite small, averaging 1.6% in comparison with the standard deviation of 4.8%, so should provide reasonably accurate comparisons of severe stunting between areas. The estimates of stunting and severe stunting are very strongly correlated (r = 0.996) so would give very similar results if used to discriminate between districts. A complete listing of the estimates is given in Appendix C and D.

Table 6.2 Summary of district-level estimates of stunting prevalence for children < 5

	Stunting		Severe stunting	
	S2	se2	S3	se3
Mean	0.4276	0.0224	0.1767	0.0155
Standard deviation	0.0740	0.0042	0.0487	0.0037
Minimum	0.2781	0.0162	0.0906	0.0085
Maximum	0.5750	0.0387	0.2834	0.0250

Key: se=standard error S2, S3=prevalence of stunting, severe stunting

Even at ilaka level, as shown in Table 6.3, the estimates of both S2 and S3 have reasonably small standard errors in comparison with the variability between the ilaka. Stunting prevalence (S2) has an average standard error of 3.1%, and only 22 out of 976 have standard errors of over 5%. Estimates at ilaka level range from 22.6% (ilaka 17 in Kathmandu) to 61.2% (ilaka 7 in Dolpa). Standard errors for severe stunting (S3) average 2.1%, in comparison with the standard deviation of 5% between the ilaka. Thus, although the models used to derive the estimates have low predictive power for individual children, they seem to be capturing a considerable amount of variability in undernutrition between ilaka.

Table 6.3 Summary of ilaka-level estimates of stunting prevalence for children < 5

	Stunting		Severe stunting	
	S2	se2	S3	se3
Mean	0.4179	0.0312	0.1700	0.0212
Standard deviation	0.0768	0.0092	0.0498	0.0077
Minimum	0.2255	0.0187	0.0682	0.0106
Maximum	0.6124	0.1606	0.3208	0.1263

Key: se=standard error S2, S3=prevalence of stunting, severe stunting

6.2 Results for underweight

As with stunting, the estimates of underweight (U2) were compared with the direct survey-only estimates, as presented in Table 6.4. Again the small area estimates reproduce quite well the pattern of the direct estimates at high levels of aggregation. We therefore conclude again that the small area estimates, despite low predictive power in the regression model, are capturing regional variation in the prevalence of underweight.

Table 6.4 Comparison of estimates of underweight prevalence for children < 5

	SAE		NDHS 2011		Standard
	U2	se	U2	se	Difference
East	0.267	0.012	0.249	0.027	0.624
Central	0.277	0.010	0.296	0.024	-0.748
West	0.276	0.014	0.243	0.036	0.848
Mid-West	0.336	0.012	0.371	0.031	-1.071
Far-West	0.335	0.011	0.333	0.030	0.066
Mountain	0.370	0.019	0.357	0.030	0.364
Hills	0.258	0.011	0.276	0.020	-0.789
Terai	0.305	0.013	0.292	0.020	0.539
Urban	0.199	0.019	0.171	0.017	1.092
Rural	0.304	0.009	0.302	0.014	0.112

Key: se=standard error U2= prevalence of underweight

The district-level estimates for underweight, described in Table 6.5, have standard errors a little lower than those for stunting, having an average of only 1.8%, with only two over 3%. The underweight estimates themselves range from 14.5% (Kaski) to 46.4% (Kapilbastu). The standard errors for severe underweight are also quite small, with a standard error of 0.9% in contrast to the district-level standard deviation of 3.5%. The estimates of underweight and severe underweight are very strongly correlated (r = 0.986) so would give very similar results if used to discriminate between districts. A complete listing of the estimates is given in Appendix C and D.

Table 6.5 Summary of district-level estimates of underweight prevalence for children < 5

	Underweight		Severe Underweight	
	U2	se2	U3	se3
Mean	0.2907	0.0180	0.0820	0.0088
Standard deviation	0.0743	0.0051	0.0351	0.0044
Minimum	0.1454	0.0110	0.0272	0.0038
Maximum	0.4643	0.0372	0.1916	0.0300

Key: se=standard error U2, U3= prevalence of underweight, severe underweight

Again at ilaka level, the standard errors for underweight prevalence are reasonably small, as shown in Table 6.6. Only 36 out of 976 are above 5%, with an average of 2.4%. Estimated prevalence of underweight ranges from 9% (ilaka 1 in Mustang) to 56.7% (ilaka 7 in Kapilbastu). Thus the model for weight-for-age, although similarly low in predictive power to that of height-for-age, seems to be capturing a considerable amount of variability in prevalence of underweight between ilaka.

Table 6.6 Summary of ilaka-level estimates of underweight prevalence for children < 5

	Underweight		Severe Underweight	
	U2	se2	U3	se2
Mean	0.2910	0.0242	0.0819	0.0123
Standard deviation	0.0789	0.0083	0.0384	0.0066
Minimum	0.0903	0.0113	0.0145	0.0037
Maximum	0.5667	0.1014	0.2761	0.0627

Key: se=standard error U2, U3= prevalence of underweight, severe underweight

6.3 Results for wasting

Table 6.7 compares the small area estimates of wasting prevalence with the direct survey estimates by region, belt and urbanity. The standard differences are again reasonably small, all being within two standard errors of zero. The model for weight-for-height was quite low in predictive power (R^2=11.5%) but nevertheless the standard errors for the small area estimates are still lower than those for the survey-based estimates. Although there is good agreement overall, it is notable that the direct estimates suggest negligible difference in wasting prevalence between the mountains, hills and Terai, whereas the small area estimates predict a higher rate of wasting in the Terai, which is consistent with the results from the previous study (Jones and Haslett, 2006).

Table 6.7 Comparison of estimates of wasting prevalence for children < 5

	SAE		NDHS 2011		Standard
	W2	se	W2	se	Difference
East	0.101	0.006	0.103	0.017	-0.064
Central	0.112	0.006	0.120	0.019	-0.402
West	0.125	0.009	0.107	0.020	0.826
Mid-West	0.111	0.007	0.113	0.014	-0.112
Far-West	0.108	0.008	0.112	0.017	-0.189
Mountain	0.093	0.008	0.106	0.019	-0.660
Hills	0.087	0.004	0.110	0.014	-1.572
Terai	0.134	0.007	0.114	0.012	1.427
Urban	0.091	0.010	0.086	0.016	0.277
Rural	0.115	0.005	0.114	0.009	0.053

Key: se=standard error W2= prevalence of wasting

The estimates for wasting are much lower on average than those for stunting and underweight, so the standard errors are correspondingly smaller. The district-level estimates, described in Table 6.8, have standard errors averaging only 1%, whereas standard deviation is 3.5%, suggesting that the estimates are useful for distinguishing between districts. The wasting estimates themselves range from 4.6% (Myagdi) to 25.8% (Kapilbastu). A complete listing of the estimates is given in Appendix C and D.

Table 6.8 Summary of district-level estimates of wasting prevalence for children < 5

	Wasting		Severe Wasting	
	W2	se2	W3	se3
Mean	0.0992	0.0095	0.0230	0.0037
Standard deviation	0.0354	0.0040	0.0142	0.0029
Minimum	0.0457	0.0049	0.0070	0.0013
Maximum	0.2576	0.0252	0.0980	0.0177

Key: se=standard error W2, W3= prevalence of wasting, severe wasting

Again at ilaka level the standard errors for wasting prevalence are reasonably small, as shown in Table 6.9. Only one out of 976 is above 5%, with an average of 1.4%. Since the variation in the estimates has a standard deviation of 4.5%, the model for weight-for-height, although low in predictive power, seems to be capturing a considerable amount of variability in prevalence of wasting between ilaka. Estimated prevalence of wasting ranges from 2.4% (ilaka 5 in Manang) to 32% (ilaka 7 in Kapilbastu).

Table 6.9 Summary of ilaka-level estimates of wasting prevalence for children < 5

	Wasting		Severe Wasting	
	W2	se2	W3	se3
Mean	0.1024	0.0137	0.0243	0.0058
Standard deviation	0.0451	0.0063	0.0184	0.0043
Minimum	0.0240	0.0058	0.0018	0.0016
Maximum	0.3205	0.0581	0.1321	0.0361

Key: se=standard error W2, W3= prevalence of wasting, severe wasting

There was an anomaly found in the NPHC, i.e. the census data, for one variable (roof type) for one ilaka only, number 901 in the eastern mountains. In this ilaka, roof type had been coded predominantly as "other". However, a check on Google Earth revealed roof type to be predominantly "straw" in line with its neighbouring ilaka. The coding anomaly affected the SAE for this ilaka only, and only for wasting. (In models for other variables of interest, because of the way they incorporate roof type, whether roof type was "other" or "straw" made no difference to any SAE, even for this ilaka.) Field based re-collection of census data was not feasible, so for ilaka 901 only, roof types "other" and "straw" were recoded to match estimates based on Google Earth. Unit record data for ilaka 901 were then adjusted via multiple imputation for roof type. No other ilaka or other small area estimates were affected. Interestingly, survey and census data used for SAE were generally very sound, as this was the sole anomaly found for SAE in any ilaka for any variable used in any of the statistical models.

6.4 Results for diarrhoea

Table 6.10 compares the small area estimates of diarrhoea prevalence with the direct survey estimates by region, belt and urbanity. The standard differences are mostly quite small, suggesting that the two methods agree regarding the broad spatial distribution of prevalence. One of the standard differences, for the Far-West region, is slightly more than 2, with the small area estimate being substantially higher than the direct estimate, but one disagreement in 10 comparisons is to be expected. Both sets of estimates agree that prevalence is highest in the Terai belt, and in the rural areas.

Table 6.10 Comparison of estimates of diarrhoea prevalence for children < 5

	SAE		NDHS 2011		Standard
	D0	se	D0	se	Difference
East	0.113	0.007	0.117	0.010	-0.282
Central	0.146	0.007	0.151	0.012	-0.342
West	0.150	0.009	0.158	0.022	-0.308
Mid-West	0.140	0.010	0.146	0.016	-0.325
Far-West	0.148	0.010	0.114	0.014	2.023
Mountain	0.140	0.011	0.135	0.018	0.251
Hills	0.126	0.007	0.128	0.011	-0.163
Terai	0.150	0.007	0.148	0.010	0.128
Urban	0.120	0.017	0.134	0.015	-0.623
Rural	0.142	0.005	0.140	0.007	0.243

Key: se=standard error D0= prevalence of diarrhoea

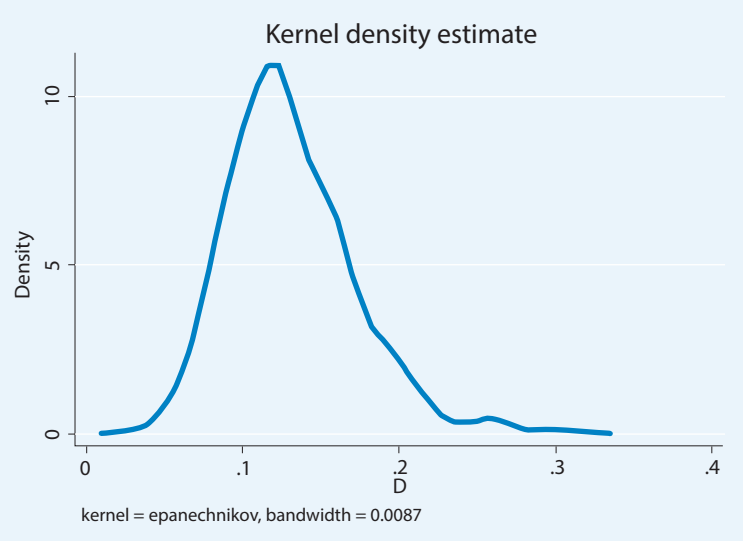
The district- and ilaka-level estimates, summarized in Table 6.11, have quite small standard errors on average, in comparison with the standard deviations of the estimates, so some comparisons between districts, and between ilaka, can be made. The district-level estimates range from 8.4% (Ilam) to 25.8% (Kapilbastu); the ilaka-level from 1.8% (ilaka 1 in Sankhuwasabha) to 32.6% (ilaka 15 in Kapilbastu). The distribution of ilaka-level estimates is right-skewed, as shown in Figure 6.1, with a few ilaka having unusually high rates of diarrhoea (above 20%). A complete listing of the estimates is given in Appendix C and D.

Table 6.11 Summary of small area estimates of diarrhoea prevalence for children < 5

	district		ilaka	
	D0	se	D0	se
Mean	0.1319	0.0136	0.1307	0.0179
Standard deviation	0.0315	0.0042	0.0415	0.0059
Minimum	0.0844	0.0081	0.0184	0.0087
Maximum	0.2582	0.0328	0.3258	0.0596

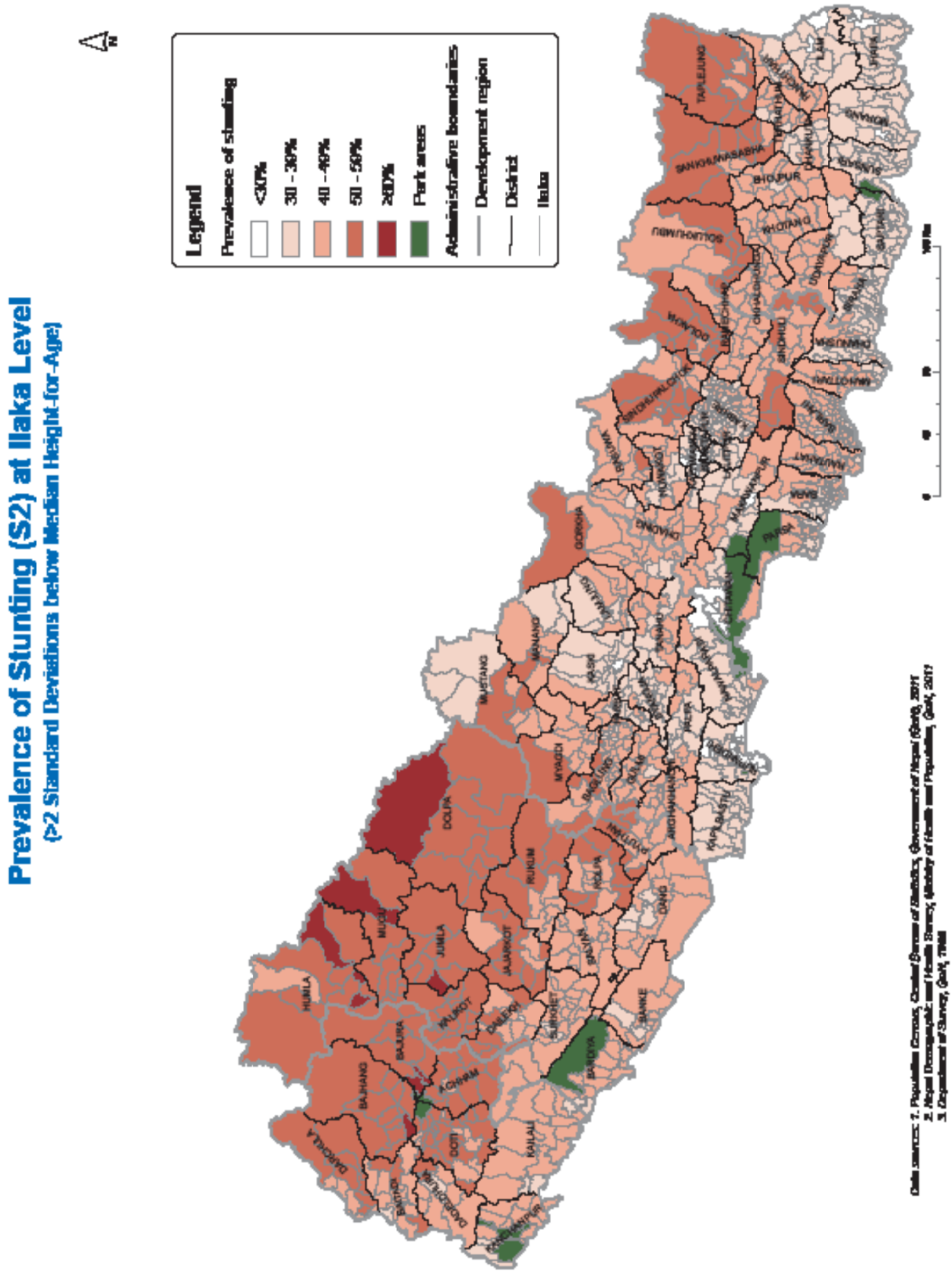
Key: se=standard error D0= prevalence of diarrhoea

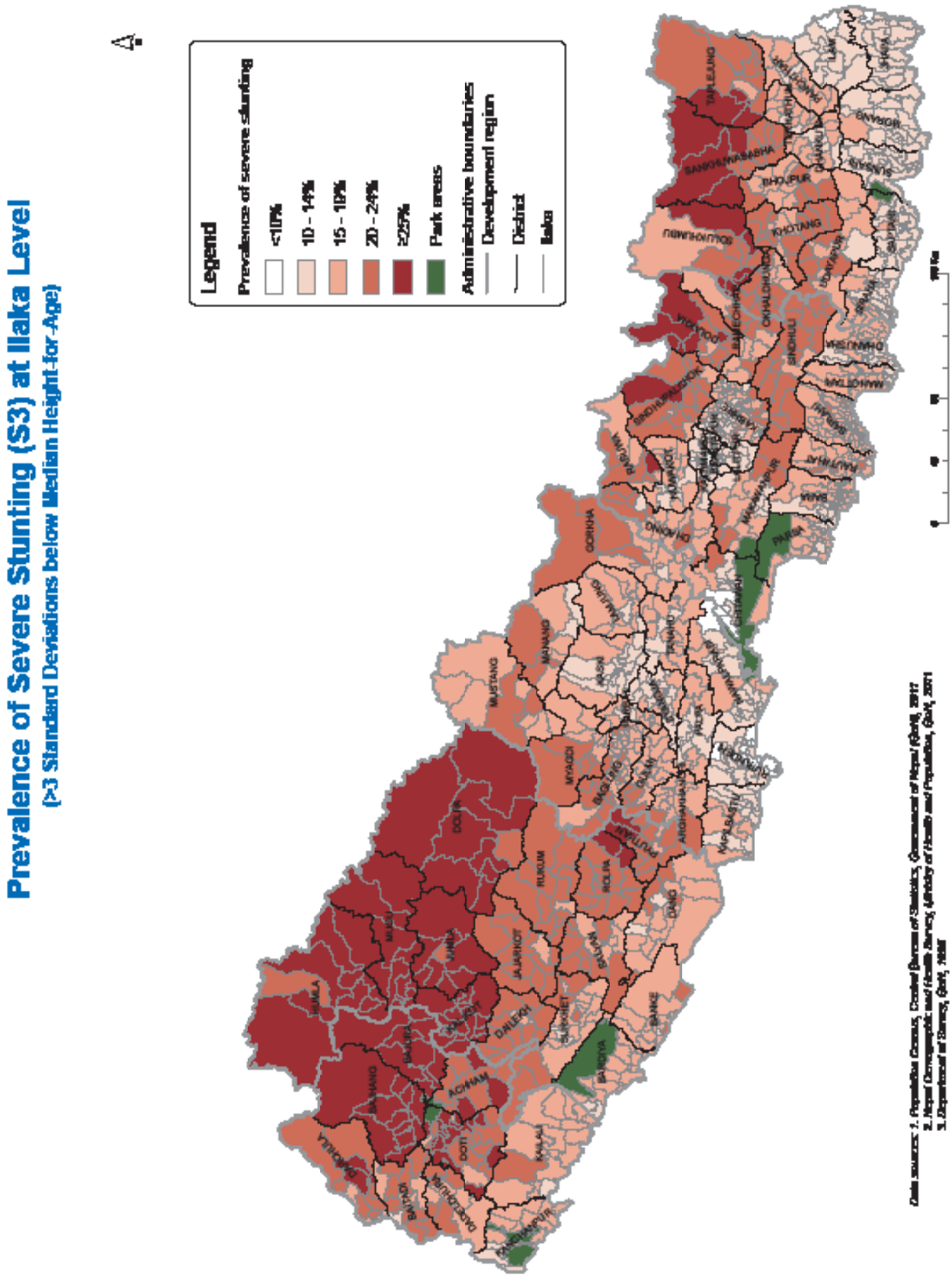
Figure 6.1 Distribution of ilaka-level estimates of diarrhoea prevalence

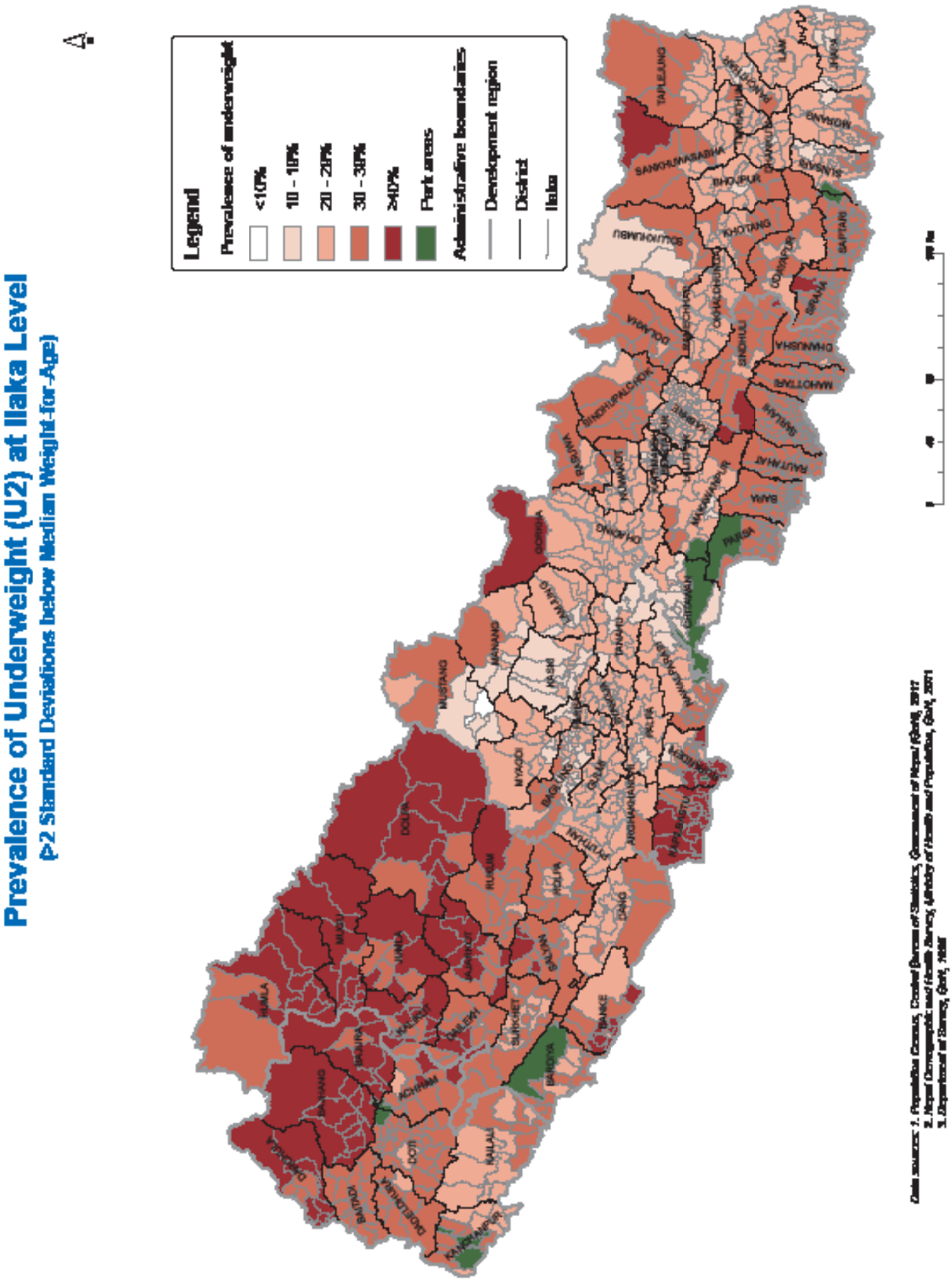


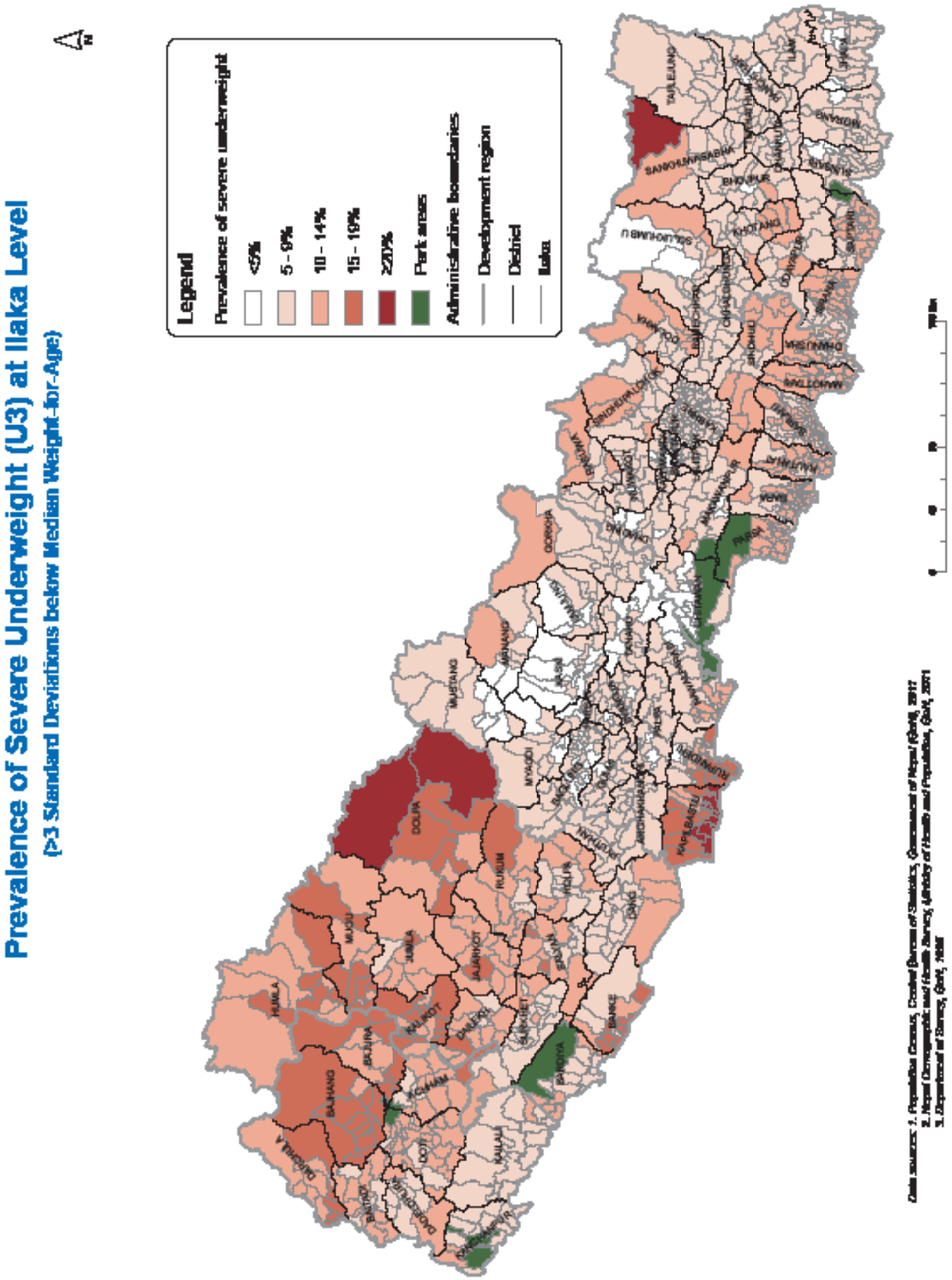
6.5 Undernutrition and diarrhoea maps

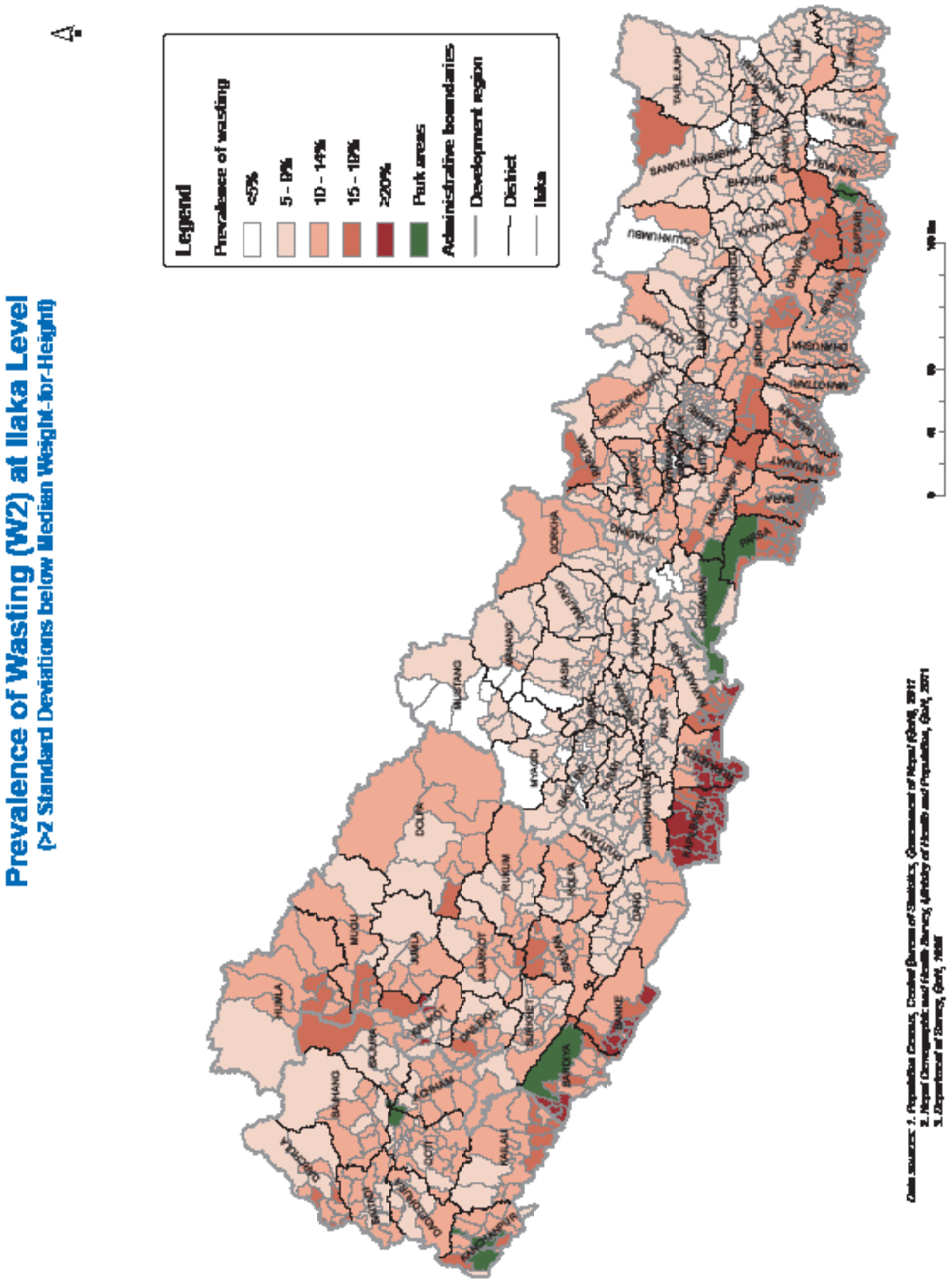
Maps of undernutrition prevalence – stunting (S2), severe stunting (S3), underweight (U2), severe underweight (U3), wasting (W2), severe wasting (W3) - and diarrhoea prevalence at the ilaka level are provided here.

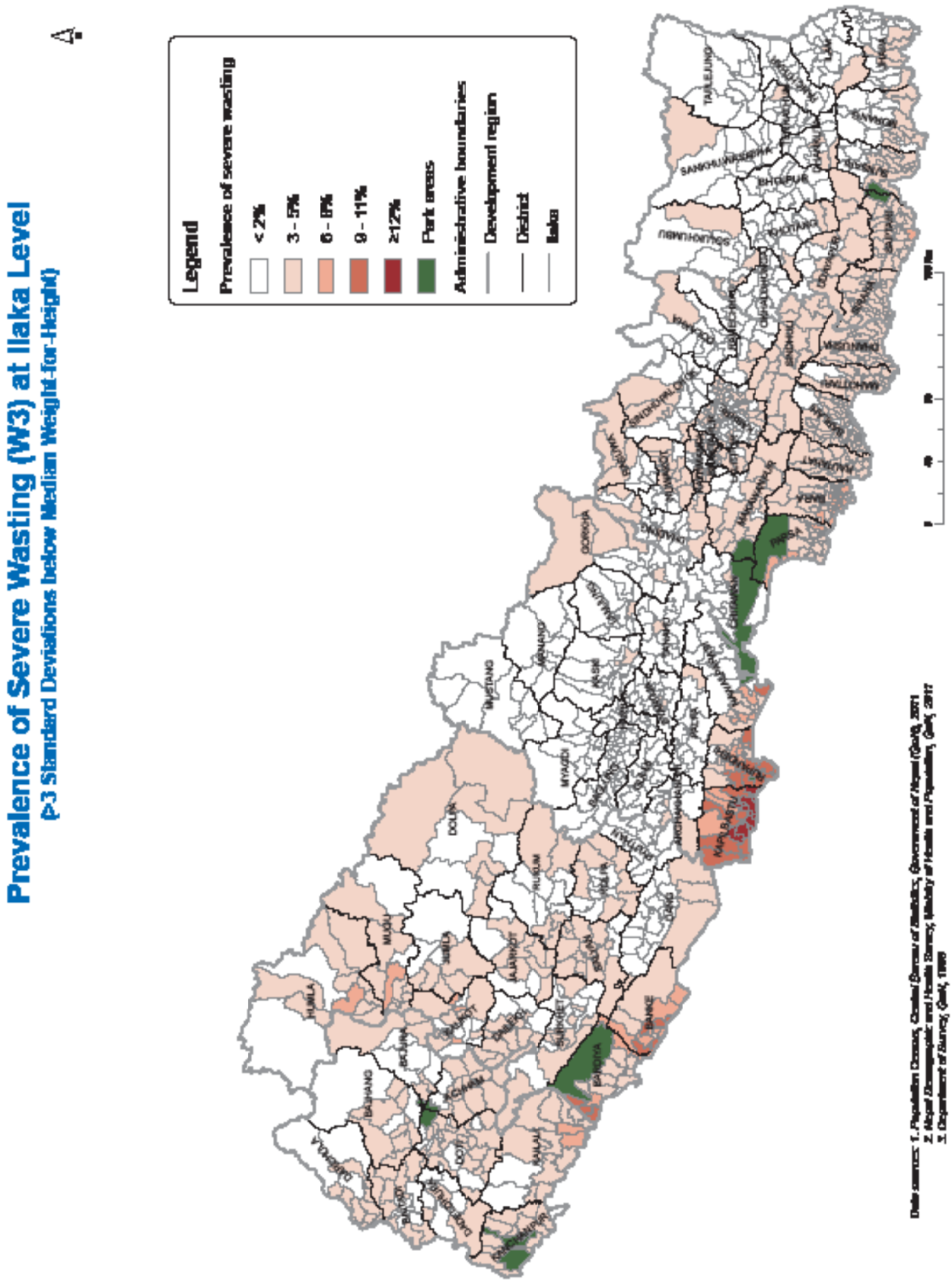

Prevalence of Stunting (S2) at Ilaka Level
(>2 Standard Deviations below Median Height-for-Age)
N
Legend
Prevalence of stunting
<30%
30 - 39%
40 - 49%
50 - 59%
≥60%
Part areas
Administrative boundaries
Development region
District
Ilaka
TAPLEJUNG
SANKHUWASABHA
BHOJPUR
SOLUKHUMBU
KHOTANG
OKHALDHUNGA
DOLAKHA
RAMECHHAP
SINDHULI
DHANUSHA
MAHOTTARI
SIRAHA
SAPTARI
SUNSARI
MORANG
UDAYAPUR
GORKHA
MANANG
MUSTANG
KASKI
LAMJUNG
TANAHUN
SYANGJA
PARBAT
BAGLUNG
MYAGDI
GULMI
ARGHAKHANCHI
PALPA
NAWALPARASI
RUPANDEHI
KAPILBASTU
DOLPA
RUKUM
ROLPA
PYUTHAN
DANG
SALYAN
JUMLA
MUGU
JAJARKOT
KALIKOT
DAILEKH
SURKHET
BANKE
BARDIYA
HUMLA
BAJURA
BAJHANG
ACHHAM
DOTI
KAILALI
DARCHULA
BAITADI
DADELDHURA
KANCHANPUR
0
50
100 Km
Data sources: 1. Population Census, Central Bureau of Statistics, Government of Nepal (Kathmandu, 2011)
2. Nepal Demographic and Health Survey, Ministry of Health and Population, (Kathmandu, 2011)
3. Department of Survey, (Kathmandu, 1998)

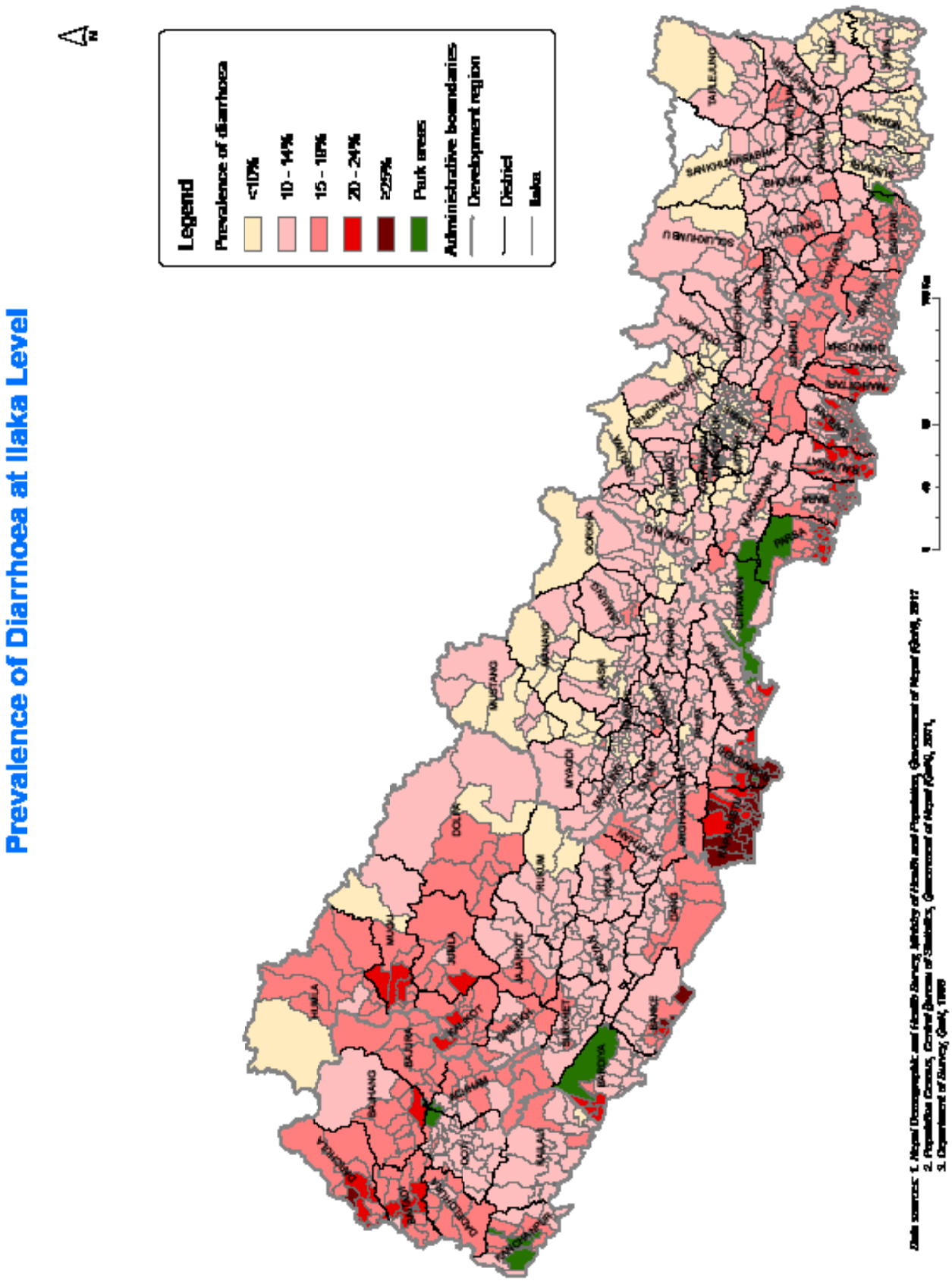

Prevalence of Severe Stunting (S3) at Ilaka Level
(>3 Standard Deviations below Median Height-for-Age)
Legend
Prevalence of severe stunting
<10%
10 - 14%
15 - 19%
20 - 24%
≥25%
Park areas
Administrative boundaries
Development region
District
Ilaka
N


Prevalence of Underweight (U2) at Ilaka Level
(<2 Standard Deviations below Median Weight-for-Age)
Legend
Prevalence of underweight
<10%
10 - 19%
20 - 29%
30 - 39%
≥40%
Park areas
Administrative boundaries
Development region
District
Ilaka


Prevalence of Severe Underweight (U3) at Ilaka Level
(>3 Standard Deviations below Median Weight-for-Age)
Legend
Prevalence of severe underweight
<5%
5 - 9%
10 - 14%
15 - 19%
≥20%
Park areas
Administrative boundaries
Development region
District
Ilaka
N
Data sources: 1. Population Census, Central Bureau of Statistics, Government of Nepal (CBS, 2001)
2. Nepal Demographic and Health Survey, Ministry of Health and Population, (DoH, 2001)
3. Department of Survey, (DoS, 1998)


Prevalence of Wasting (W2) at Ilaka Level
(>2 Standard Deviations below Median Weight-for-Height)
Legend
Prevalence of wasting
<5%
5 - 9%
10 - 14%
15 - 19%
≥20%
Park areas
Administrative boundaries
Development region
District
Ilaka


Prevalence of Severe Wasting (W3) at Ilaka Level
(>3 Standard Deviations below Median Weight-for-Height)
Legend
Prevalence of severe wasting
< 2%
3 - 5%
6 - 8%
9 - 11%
≥12%
Park areas
Administrative boundaries
Development region
District
Ilaka
Data sources: 1. Population Census, Central Bureau of Statistics, Government of Nepal (Delhi, 2001)
2. Nepal Demographic and Health Survey, Ministry of Health and Population, (Delhi, 2001)
3. Department of Survey, (Delhi, 1998)


Prevalence of Diarrhoea at Ilaka Level
N
Legend
Prevalence of diarrhoea
<10%
10 - 14%
15 - 19%
20 - 24%
≥25%
Park areas
Administrative boundaries
Development region
District
Ilaka
Data sources: 1. Nepal Demographic and Health Survey, Ministry of Health and Population, Government of Nepal (Kathmandu, 2007
2. Population Census, Central Bureau of Statistics, Government of Nepal (Kathmandu, 2001,
3. Department of Survey (Kathmandu, 1998)

7

Multivariate Analysis

7.1 Correlations

Table 7.1 Pairwise correlations for all six measures, ilaka level

	P0	K0	S2	U2	W2	D0
P0	1					
K0	0.6236	1				
S2	0.8174	0.573	1			
U2	0.5296	0.0903	0.5032	1		
W2	-0.0439	-0.2842	-0.1537	0.6422	1	
D0	0.2428	-0.0125	0.1137	0.5599	0.6297	1

Here we investigate the relationships between the six measures of deprivation estimated in this report, namely prevalences of food poverty (P0), low kilocalorie intake (K0), stunting (S2), underweight (U2), wasting (W2) and diarrhoea (D0). Table 7.1 shows the correlations between the ilaka-level estimates of these measures. Food poverty is most strongly associated with low kilocalorie intake and stunting, and not so much with wasting or diarrhoea. Wasting and diarrhoea prevalence are fairly strongly associated. The correlation structure suggests that there might be a number of different underlying factors operating, perhaps representing different aspects of deprivation.

7.2 Principal Components

Table 7.2 Principal component analysis for the six indicators

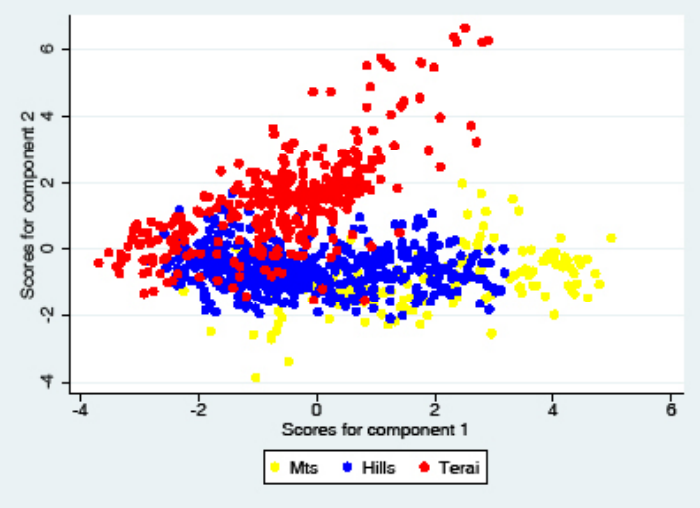
Component	Eigenvalue	Difference	Proportion	Cumulative
Comp1	2.773	0.695	0.462	0.462
Comp2	2.079	1.547	0.346	0.809
Comp3	0.532	0.180	0.089	0.897
Comp4	0.352	0.185	0.059	0.956
Comp5	0.167	0.069	0.028	0.984
Comp6	0.098	.	0.016	1.000

Table 7.3 Principal components for the six indicators

Variable	Comp1	Comp2	Comp3	Comp4	Comp5	Comp6
P0	0.530	-0.226	-0.065	-0.150	-0.794	0.106
K0	0.340	-0.423	0.618	0.527	0.181	-0.118
S2	0.495	-0.285	-0.346	-0.229	0.543	0.455
U2	0.479	0.323	-0.399	0.225	0.129	-0.664
W2	0.175	0.617	0.025	0.509	-0.081	0.568
D0	0.315	0.452	0.579	-0.582	0.134	-0.072

Tables 7.2 and 7.3 show the results of using principal components analysis on the six indicators: food poverty (P0), low kilocalorie intake (K0), stunting (S2), underweight (U2), wasting (W2) and diarrhoea (D0). This suggests that there are two dominant components that together account for 81% of the ilaka-level variation in the estimates. The first component gives a positive weighting to all the indicators suggesting that it is an overall measure of deprivation, although more weight is given to food poverty, stunting and underweight. The second component contrasts two sets of measures: P0, K0, S2 against U2, W2 and D0. The ilaka scoring high on this second component have poor nutrition outcomes (low body weight, diarrhoea) despite apparently adequate food intake. It could be conjectured that the first component is related more to economic poverty whereas the second is related to hygiene factors such as provision of adequate toilet facilities and water supply, and to good hygiene and sanitation practices.

Figure 7.1 Plot of first two principal components for districts



A plot of the first two components, as in Figure 7.1, suggests that they are uncorrelated in the Mountain and Hill belts, but positively correlated in the Terai. The high values for Component 2, where wasting and diarrhoea are particularly high, are all in the Terai, although high values for diarrhoea also extend from the Terai into the Far-West.

8

Conclusions and Discussion

We have produced small area estimates of food insecurity and undernutrition in Nepal at district and sub-district levels by combining survey data with auxiliary data derived from the 2011 census. A single model was found to be adequate for predicting log average per capita household food expenditure and the food poverty measures derived from it. The ilaka-level estimates obtained have acceptably low standard errors.

It is interesting to note that the estimates derived from calorie intake, height-for-age, weight-for-age, and weight-for-height also had acceptably small standard errors down to ilaka level, even though our predictive models for these variables had lower R^2 values than for log average per capita household food expenditure. The lower R^2 values for the child-level regression models in part reflect the additional level of variation (children within households) in comparison with the model for log average per capita household food expenditure. Smaller R^2 is also more acceptable if the large unexplained variation is truly random across households or individuals, with little or no cluster-level variation. Since the methodology incorporates in the standard errors any remaining cluster-level variation, this would appear to be the case. It is nevertheless likely that some of this variation represents missing variables in the model which would give better prediction if they were available. If important factors are missing then the small area estimates obtained will not reflect the true variability in these undernutrition indicators, and will tend to have larger standard errors than would otherwise be the case. There are other factors, particularly health-related ones, that would be useful predictors of undernutrition, but these variables were not available for the population from the census data and so could not be included in the small area models. Calorie intake is inevitably imprecisely measured, so a large part of its unexplained variation is due to measurement error which would be expected to vary randomly across households. Thus our small area estimates for low kilocalorie intake are reasonably precise even though the household-level model had low predictive power.

Geographic Information System (GIS) variables were not used directly in the regression and heteroscedasticity models. GIS variables are necessarily at aggregate level and, as for census means, because they are aggregated are not able to provide household level information. Like all regressor variables, they are to be included in models only where they explain variation in addition to that explained by the other variables in the model. GIS and other variables, even when they are not included directly in the model, can nevertheless be important in their own right. As a consequence, although maps of small area estimates are important, so are various complementary maps of GIS and other variables. What is important is whether such variables have high correlation with the small area estimates (even if they are not in the regression model itself).

As noted earlier, we have departed from previous implementations of ELL methodology in a few important ways. More detailed discussion can be found in Haslett and Jones (2005b, 2010). For example, the strategy for choosing appropriate regression models for the target variable is not usually made explicit, but Miller (2002) sounds a number of cautions. Using separate survey based models for subgroups such as geographical strata, especially where there are a large number of such subgroups, and selecting variables from a very large pool of possibilities including all interaction terms cannot

be recommended. Model-fitting criteria such as adjusted R^2 or *AIC* will penalize for fitting too many variables, but do not account for the number of variables that are being selected from. Cross-validation (i.e. dividing the sample, fitting a model to one part, and testing its utility on the other) might be useful here. We have tried where possible to fit a single model for the whole population, including interaction terms only when the corresponding main effects are also included and looking carefully at the interpretability of the estimated effects, i.e. whether the model makes sense. This is a time-consuming procedure but can lead to more stable parameter estimation and more reliable prediction. This does not preclude fitting subgroup or area effects in models when required, or combining area based models into an essentially equivalent single model containing appropriate interactions to improve stability of regression parameter estimates. When the effects of most factors on the target variable are similar in all areas, with modulation only between rural and non-rural areas, an urban/rural possibly with some interactions with other variables will suffice. Even a single model can produce very different area based estimates when appropriate as the results in Appendix C attest. Furthermore if there is prior knowledge on which factors are likely to affect the target variable, this can be incorporated into the model selection. A more formal way of doing this would be through a Bayesian analysis, but this is beyond the scope of the present work.

The use of specialised survey regression routines, such as those available in Stata, Sudaan and WesVar, in the initial model fitting to the survey data has distinct advantages, since it incorporates the entire survey design and gives a consistent estimate of the covariance matrix. These specialized routines use a robust estimation methodology, essentially collapsing the covariance matrix within clusters, and such methods are consequently more stable than ones which estimate a covariance within each cluster. A perceived disadvantage is that such robust methods may give poor estimates if used for small subpopulations with few clusters. However this is a real effect, not an artefact of the fitting procedure. Note that such routines require all survey data to be included in any analysis (even of a subpopulation) in order to give unbiased standard errors, so that analysis of sub-setted survey data is not recommended, even if different models are being fitted to different subgroups. The weighting of the survey observations is complex not only because of the survey design but also because the target variable is often a per capita average. Alternatively, if individual data are used, these will be correlated when from the same family, although the robust variance estimate is still valid even there because it only assumes independence between clusters, not of observations within clusters.

To allow for non-independence between children in the same household at the prediction stage, we have extended the ELL approach to incorporate three levels of variation. Whilst the estimation of variance components in such a hierarchical model is now well-understood, the use of estimated random effects in a non-parametric bootstrap raises some theoretical issues, such as adjustment for degrees of freedom, which might provide fruitful areas for further research. We have also tested, to the extent possible given many sampled ilaka contain only one sampled primary sampling unit (PSU), that small area (i.e. ilaka) level random effects are negligible when estimating standard errors.

The estimation of diarrhoea prevalence, which unlike the other measures is not based on an underlying numerical variable, represents a significant extension of the ELL approach. There are issues regarding the modelling, estimation and prediction, particularly with regard to the multilevel variance structure, that warrant further research. Until such further work is done, these estimates should be regarded as tentative.

The benefits of the ELL methodology accrue when interest is in several nonlinear functions of the same target variable, as in the case here of three food poverty measures defined on household per capita expenditure, or in distributional properties. If only a single measure were of interest, it might

be worthwhile to consider direct modelling of this. For example small area estimates of food poverty prevalence could be derived by estimating a logistic regression model for prevalence in the survey data. Ghosh and Rao (1994) consider this situation within the framework of generalized linear models. If on the other hand there are several target variables which might be expected to be highly correlated, it might increase efficiency to use a multivariate model rather than separate univariate regressions. The discussion in Section 7 does however raise some interesting issues about the utility of such multivariate models, since such techniques tend to shrink estimates of each component toward one another, and it is sometimes the contrast rather than the combination of variables such as height-for age, weight-for-age, and weight-for-height that is important.

From a theoretical perspective, the best (i.e. most efficient) small area estimator uses the actual observed Y when these values are known, i.e. for the units sampled in the survey, and the predicted Y values otherwise. The resulting estimator can be thought of as a weighted mean of the direct estimator, from the survey only, and an indirect estimator derived from the auxiliary data, the weights being related to the standard errors of the two estimates. In practice it may be impossible for confidentiality reasons to identify individual households in the survey and match them to the census, but there is a theoretical basis for using a weighted mean of the two estimates and thereby increasing precision. Further it is not necessary to resample unconditionally from the empirical distribution of the cluster-level residuals for those clusters which are present in the survey. An alternative would be to resample each of these parametrically from an estimated conditional distribution, i.e. for clusters present in the survey we would calculate the bootstrap predictions using the known value rather than a draw from a random distribution. This would however not have a major effect where the number of clusters in the sample is small relative to the number of clusters defined over the whole population. See also Valliant, Dorfman and Royall (2000).

The provision of standard errors with the small area estimates is important because it gives the user an indication of how much accuracy is being claimed, conditional on the model being correct. Ultimately decisions are to be made on which areas should receive the most development assistance, so it is important that this information be given to users in a way that is most useful for this purpose.

From a technical perspective, the statistical methods used would benefit from further theoretical development and justification. The range of models possible using small area estimation is very broad, and while the ELL methodology has a number of theoretical and practical advantages, sensitivity of estimates to different small area estimation models remains an only partially explored issue. This question relates both to the choice of the ELL method, vis-à-vis others, and to the choice of explanatory variables within models (e.g. submodels for different areas, cross-validation of variables selected from a large pool including higher level interactions, consistency of sign and magnitude of parameter estimates with likely influence on poverty, undernutrition or health-related variables in the presence of correlated variables). These questions need theoretical work and extend beyond the present study.

Ground truthing or validation of small area estimates by visits to selected small areas after models have been fitted and small area estimates derived from them can be a useful exercise. Some cautions are however warranted. The first is that small area estimation is a technique that works best in aggregate - not every small area estimate can be expected to give precise information, so that choosing areas to visit on the basis of possible anomalies can give a biased picture of the utility of the estimates as a whole. It is also difficult to ask participants in a validation exercise to differentiate various types of poverty or not to include aspects (such as health or water quality) which because they are not included in the census variables cannot be part of the small area estimates themselves. Validation exercises are also usually

limited by funds, so that formal testing of the accuracy of the small area estimates is not possible by this method. Nevertheless, validation can provide useful qualitative insights and even more importantly a forum for discussion of results of poverty, undernutrition and health-related mapping with local communities.

Small area models are not perfect, and standard errors derived from them depend on the model being at least approximately correct, or at least correct enough to make sound predictions. Despite these caveats, from a practical point of view the Nepal small area food security, undernutrition and health estimates presented in this report are at a much finer geographical level than is possible using survey data alone, and consequently should be of considerable benefit when a mechanism for allocation of development assistance is required.

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Appendices

Appendix A. Auxiliary variables

A.1 Obtainable or derivable from NLSS-III

Variable name	Variable label
urban	urban area
aehhsize	adult equiv hh size
hhsize	hh size
s_kids06	% kids 0-6
s_kids715	% kids 7-15
s_adultm	% hh adult male
s_adultf	% hh adult female
s_elderly	% hh over 65
head_age	age of hh head
head_fem	hh head female
head_educ_1	hh head has no schooling
max_educ_fem_1	maximum female education no schooling
max_educ_fem_2	maximum female education 1 to 4 years
max_educ_fem_3	maximum female education 5 to7 years
max_educ_fem_4	maximum female education 8 to 10 years
max_educ_fem_5	maximum female education at least 11 years
Mtns	Mountains
Hill	Hill
Terai	Terai
East	Eastern region
Central	Central region
West	Western region
MWest	Mid-Western region
FWest	Far Western region
fridge	hh has fridge
tv	hh has tv
mbike	hh has motorbike
wall_w	hh has wooden wall
roof_s	roof made of straw
roof_i	rood made of iron
roof_w	roof made of wood
roof_m	roof made of metal
dwater_p	hh gets drinking water from pipe
elec	hh has electricity
ckfuel_w	hh uses wood for cooking
ckfuel_d	hh uses dung for cooking

A.2 Obtainable or derivable from NDHS 2011

Variable name	Variable label
hhsize	household size
ageyr1	age in years is 0
ageyr2	age in years is 1
ageyr3	age in years is 2
ageyr4	age in years is 3
ageyr5	age in years is 4
girl	female
skids6	% kids 0-6
skids715	% kids 7-15
selderly	% hh over 65
samen	% adult male
sawomen	% adult female
p_noed	propn adults in hh with no education
p_primary	propn adults in hh with only primary education
p_secondary	propn adults in hh with secondary education
p_postsecondary	propn adults in hh with post-secondary education
hage1	hhead aged 18-29
hage2	hhead aged 30-44
hage3	hhead aged 45-59
hage4	hhead aged 60 and over
flr_con	hh has concrete floor
flr_wod	hh has wooden floor
flr_oth	hh has other types of floor
wall_brk	hh has brick walls
wall_wod	hh has wooden walls
wall_bambo	hh has bamboo walls
wall_oth	hh has other type of walls
roof_straw	hh has straw roof
roof_galv	hh has galvanised iron roof
roof_tile	hh has tile roof
roof_conc	hh has concrete roof
roof_wod	hh has wooden roof
roof_oth	hh has other type of roof
fuel_wood	hh uses wood for cooking
fuel_ker	hh uses kerosene for cooking
fuel_lpg	hh uses lpg for cooking
fuel_dung	hh uses dung for cooking
fuel_biogas	hh uses biogas for cooking
fuel_elec	hh uses electricity for cooking
fuel_oth	hh uses other type of fuel for cooking
wat_pipe	hh gets drinking water from pipe
wat_tube	hh gets drinking water from tubewell
wat_cwell	hh gets drinking water from covered well
wat_uwell	hh gets drinking water from uncovered well
wat_spo	hh gets drinking water from spout
wat_riv	hh gets drinking water from river
wat_oth	hh gets drinking water from other sources
toilet_sew	hh uses toilet with sewerage system
toilet_sept	hh uses toilet with septic tank
toilet_ord	hh uses ordinary toilet
toilet_non	hh has no toilet facility

radio	hh has radio
tv	hh has tv
computer	hh has computer
phone	hh has phone
mobile	hh has mobile
fridge	hh has fridge
mbike	hh has motorbike
motor	hh has motor
bike	hh has bicycle
hdnvrmard	hh head never married
hdmarid	hh head married
hdwidow	hh head widow
hddivor	hh head divorced
hfem	hh head female
electric	hh has electricity

A.3 GIS Variables

Variable name	Variable label
meanht	mean elevation (kilometers) of VDC
htrangepa	elevation range (meters) of VDC
stdht	standard deviation of elevation (meters) of VDC
meanslp	mean slope (percentage) of VDC
popdens	population density (persons/sqkm) in VDC
distdhq	distance to district headquarters (kilometers) in VDC
distschl	distance to school (minutes) in VDC
disthelt	distance to health centers (minutes) in VDC
distmrkt	distance to market centers (minutes) in VDC
roadpua	road length per unit area (kilometers) in VDC
roadpthp	road length per '000 population (kilometers) in VDC
riverpua	river length per unit area (kilometers) in VDC

A.4 Census means (ward level) from NPHC 2011

Variable name	Variable label
Whouse_owns	% hh in ward who own their home
Whouse_rents	% hh in ward who rents
Whouse_institutional	% hh in ward considered as institutional
Whouse_other	% hh in ward considered as others
Wfloor_mud	% hh in ward with mud floor
Wfloor_cement	% hh in ward with cement floor
Wfloor_rccpillar	% hh in ward with rcc pillar floor
Wfloor_woodpillar	% hh in ward with wood pillar floor
Wfloor_other	% hh in ward with other floor
Wfloor_cementbondedpillar	% hh in ward with cement bonded pillar floor
Wwall_mud	% hh in ward with mud walls
Wwall_cement	% hh in ward with cement walls
Wwall_wood	% hh in ward with wooden walls
Wwall_bamboo	% hh in ward with bamboo walls

Wwall_unbakedbrick	% hh in ward with unbaked brick walls
Wwall_other	% hh in ward with other walls
Wroof_straw	% hh in ward with straw roof
Wroof_iron	% hh in ward with iron roof
Wroof_tile	% hh in ward with tile roof
Wroof_rcc	% hh in ward with rcc roof
Wroof_planks	% hh in ward with planks roof
Wroof_mud	% hh in ward with mud roof
Wroof_other	% hh in ward with other roof
Wroof_ironconcrete	% hh in ward with iron and concrete roof
Wwater_piped	% hh in ward where drinking water is from pipe
Wwater_handpump	% hh in ward where drinking water is hand-pumped
Wwater_coveredwell	% hh in ward where drinking water is from covered well
Wwater_openwell	% hh in ward where drinking water is from open well
Wwater_spring	% hh in ward where drinking water is from spring
Wwater_river	% hh in ward where drinking water is from river
Wwater_other	% hh in ward where drinking water is from other sources
Wcookingfuel_wood	% hh in ward cooking with wood
Wcookingfuel_kerosine	% hh in ward cooking with kerosene
Wcookingfuel_gas	% hh in ward cooking with gas
Wcookingfuel_dung	% hh in ward cooking with dung
Wcookingfuel_biogas	% hh in ward cooking with biogas
Wcookingfuel_other	% hh in ward cooking with other types of fuel
Wlightfuel_elec	% in ward using electricity for lighting
Wlightfuel_kerosine	% hh in ward using kerosene for lighting
Wlightfuel_biogas	% hh in ward using biogas for lighting
Wlightfuel_solar	% in ward with solar-powered lighting
Wlightfuel_other	% hh in ward using other sources for lighting
Wtoilet_flushsewer	% hh in ward with flush (sewer) toilet
Wtoilet_flushseptik	% hh in ward with flush (septic) toilet
Wtoilet_nonflush	% hh in ward with non-flush toilet
Wtoilet_flushnonflush	% hh in ward with flush and non-flush toilet
Wtoilet_none	% hh in ward with no toilet
Wowns_radio	% hh in ward with a radio
Wowns_tv	% hh in ward with a tv
Wowns_cabletv	% hh in ward with a cable tv
Wowns_computer	% hh in ward with a computer
Wowns_internet	% hh in ward with internet
Wowns_phone	% hh in ward with a phone
Wowns_motorcycle	% hh in ward with a motorcycle
Wowns_bicycle	% hh in ward with a bicycle
Wowns_vehicle	% hh in ward with a vehicle
Wowns_fridge	% hh in ward with a fridge
Wno_absent	% hh in ward with no absent
Whead_age	average age of hhead in ward
Whead_female	% hh in ward with female hhead
Whead_literate	% hh in ward with literate hhead
Whead_enrolled	% hh in ward with hhead enrolled
Whead_educ_none	% hhead in ward with no education
Whead_educ_under5	% hhead in ward with 1-4 years education
Whead_educ_5to7	% hhead in ward with 5-7 years education
Whead_educ_8to10	% hhead in ward with 8-10 years education
Whead_educ_11plus	% hhead in ward with 11+ years education

Wmax_educ_fem_none	% hh in ward with max female education no schooling
Wmax_educ_fem_under5	% hh in ward with max female education <5 yrs
Wmax_educ_fem_5to7	% hh in ward with max female education 5-7 yrs
Wmax_educ_fem_8to10	% hh in ward with max female education 8-10 yrs
Wmax_educ_fem_11plus	% hh in ward with max female education 11+ yrs
Wmax_educ_none	% hh in ward with max education no schooling
Wmax_educ_under5	% hh in ward with max education 1-4 yrs
Wmax_educ_5to7	% hh in ward with max education 5-7 yrs
Wmax_educ_8to10	% hh in ward with max education 8-10 yrs
Wmax_educ_11plus	% hh in ward with max education 11+ yrs
Wsharechildren015	Average % of children 0 to 15 per hh in ward
Wsharechiildren06	Average % of children 0 to 6 per hh in ward
Wsharechildren715	Average % of children 7 to 15 per hh in ward
Wshareadults	Average % of adults per hh in ward
Wshareelderly	Average % of elderly per hh in ward
Wshareadultsf	Average % of adult female per hh in ward
Wshareadultsm	Average % of adult male per hh in ward
Wdependency_hhshare	Average % of dependency per hh in ward

Appendix B. Regression results

B.1 Model for log per capita food expenditure in NLSS-III

n	*p*	R^2	σ^2_u	σ^2_h/σ^2_u
5832	21	0.374	0.1481	0.1328

where n = sample size, p = number of variables, R^2 = coefficient of determination
σ^2_u = residual variance, σ^2_h/σ^2_u = ratio of cluster to total residual variation

Variable	Coef.	Std. Err.	t	P>t	Label
hhsize	0.0304	0.0081	3.77	0.000	hh size
lhhsz	-0.5079	0.0427	-11.91	0.000	log(hh size)
s_kid06	-0.5077	0.0432	-11.76	0.000	%kids0-6
s_kid715	-0.2776	0.0348	-7.97	0.000	%kids7-15
noschool_r	-0.0697	0.0137	-5.07	0.000	hhead no schooling, rural
max_educ_fem_1	-0.0567	0.0162	-3.5	0.001	maximum female education no schooling
fridge	0.2186	0.0236	9.27	0.000	hh has fridge
tv	0.1153	0.0166	6.96	0.000	hh has tv
mbike	0.1571	0.0238	6.6	0.000	hh has motorbike
elec	0.0695	0.0234	2.96	0.003	hh has electricity
roof_s	-0.1028	0.0187	-5.49	0.000	roof made of straw
Fwest	-0.2020	0.0301	-6.71	0.000	Far Western region
Mtns	-0.1411	0.0374	-3.78	0.000	Mountains
Terai	0.1049	0.0329	3.19	0.002	Terai
Wmax_educ_5to7	-0.6291	0.1249	-5.04	0.000	% hh in ward with max education 5-7 years
Wlightfuel_solar	0.2686	0.0756	3.55	0.000	% hh in ward with solar-powered lighting
Whead_educ_5to7	0.6248	0.1604	3.9	0.000	% hhead in ward with 5-7 years education
urban_mts	0.1965	0.0592	3.32	0.001	urban area in Mountians
urban_ter	-0.1765	0.0297	-5.94	0.000	urban area in Terai
popdens	0.0000	0.0000	-9.37	0.000	population density of VDC
meanslp	-0.0021	0.0009	-2.39	0.017	mean slope in VDC
_cons	10.5802	0.0553	191.25	0.000	constant

Heteroscedasticity model (R^2=0.011):

L	Coef.	Std. Err.	t	P>t
Central	0.4112	0.0928	4.43	0
West	0.1927	0.0941	2.05	0.041
Mwest	0.4949	0.1140	4.34	0
Fwest	0.0349	0.1518	0.23	0.818
lhhsz	-0.2109	0.0707	-2.98	0.003
_cons	-4.3313	0.1220	-35.5	0

B.2 Model for log per adult equivalent kilocalorie consumption in NLSS-III

n	*p*	R^2	σ^2_u	σ^2_h/σ^2_u
5971	23	0.177	0.0966	0.0853

where n = sample size, p = number of variables, R^2 = coefficient of determination
σ^2_u= residual variance, σ^2_h/σ^2_u = ratio of cluster to total residual variation

Variable	Coef.	Std. Err.	t	P>t	Label
laehhsz	-0.3452	0.0267	-12.93	0.000	log adult equiv hh size
hhsize	0.0144	0.0054	2.69	0.007	hh size
s_adultf	0.1775	0.0324	5.47	0.000	% hh adult female
s_elderly	0.0845	0.0362	2.33	0.020	% hh over 65
head_age	0.0013	0.0004	3.06	0.002	age of hhead
head_educ_1	-0.0244	0.0111	-2.19	0.029	hhead has no schooling
tv	0.0985	0.0191	5.14	0.000	hh has tv
mbike	0.0712	0.0163	4.37	0.000	hh has motorbike
roof_s	-0.0769	0.0166	-4.63	0.000	roof made of straw
roof_m	-0.1321	0.0587	-2.25	0.025	roof made ofmetal
ckfuel_d	0.0718	0.0238	3.02	0.003	hh uses dung for cooking
urban	-0.0359	0.0173	-2.07	0.039	urban area
Wowns_fridge	-0.4596	0.0940	-4.89	0.000	% hh in ward with a fridge
Wlightfuel_solar	0.2864	0.0658	4.35	0.000	% hh in ward with solar-powered lighting
Whead_age	0.0095	0.0020	4.72	0.000	average age of hhead in ward
Wwater_handpump	0.0664	0.0220	3.02	0.003	% hh inward where drinking water is hand-pumped
Whead_educ_11plus	0.3436	0.0753	4.56	0.000	% hhead in ward with11+ years education
ckfuel_d_mts	-0.1515	0.0366	-4.14	0.000	hh uses dung for cooking, Mountains
tv_ter	-0.0722	0.0218	-3.32	0.001	hh has tv, Terai
mbike_mts	0.1738	0.0465	3.74	0.000	hh has motorbike, Mountains
laehhsz_ter	0.0753	0.0174	4.32	0.000	log adult equiv hh size Terai
roof_s_u	0.1013	0.0449	2.26	0.025	roof made of straw, urban
popdens	0.0000	0.0000	-2.57	0.010	population density in VDC
_cons	7.7728	0.0981	79.25	0.000	constant

Heteroscedasticity model (R^2=0.016):

L	Coef.	Std. Err.	t	P>t
Terai	-0.3427	0.0801	-4.28	0
Mtns	0.2041	0.1292	1.58	0.115
Central	0.3323	0.0977	3.4	0.001
West	0.2141	0.1025	2.09	0.037
MWest	0.4143	0.1140	3.64	0
_cons	-6.0537	0.0820	-73.82	0

B.3 Model for height-for-age in NDHS 2011

n	*p*	R^2	R^2_c	σ^2_c	σ^2_h	σ^2_e
2346	13	0.183	0.621	0.0805	0.3372	1.1622

where n = sample size, p = number of variables, R^2 = coefficient of determination
R^2_c = coefficient of determination at cluster level (generalised- R^2)
σ^2_c = cluster-level variance, σ^2_h = household-level variance, σ^2_e = residual variance

Variable	Coef.	Std. Err.	t	P>t	Label
ageyr23	-1.0154	0.0876	-11.60	0.000	aged 1-2 yrs
ageyr45	-1.1990	0.0920	-13.04	0.000	aged 3-4 yrs
mts	-0.2607	0.0933	-2.79	0.006	Mountains
sawomen	1.6830	0.3575	4.71	0.000	% hh adult female
p_primary	0.7441	0.2015	3.69	0.000	% adults in hh with only primary education
p_secondary	0.8771	0.2253	3.89	0.000	% adults in hh with secondary education
p_postsecondary	1.7369	0.3006	5.78	0.000	% adults in hh with post- secondary education
hhszsq	0.0036	0.0011	3.27	0.001	(hhsize - 6)^2
Wcookingfuel_dung	1.0957	0.3275	3.35	0.001	% hh in ward cooking with dung
Wcookingfuel_wood	0.7047	0.3497	2.02	0.045	% hh in ward cooking with wood
Wshareadultsm	2.2652	0.8912	2.54	0.012	average % of adult male per hh in ward
Wwall_cement	0.8193	0.2858	2.87	0.004	% hh in ward with cement walls
Wroof_iron	0.3085	0.1525	2.02	0.044	% hh in ward with iron roof
_cons	-3.1609	0.5184	-6.10	0.000	constant

B.4 Model for weight-for-age in NDHS 2011

n	*p*	R^2	R^2_c	σ^2_c	σ^2_h	σ^2_e
2365	26	0.184	0.921	0.0124	0.3091	0.7561

where n = sample size, p = number of variables, R^2 = coefficient of determination
R^2_c = coefficient of determination at cluster level (generalised- R^2)
σ^2_c = cluster-level variance, σ^2_h = household-level variance, σ^2_e = residual variance

Variable	Coef.	Std. Err.	t	P>t	Label
ageyr23	-0.4052	0.0732	-5.54	0.000	aged 1-2 yrs
ageyr45	-0.4543	0.0760	-5.98	0.000	aged 3-4 yrs
sawomen	1.0408	0.2429	4.29	0.000	% hh adult female
p_secondary	0.4131	0.1665	2.48	0.014	% adults in hh with secondary education
p_postsecondary	0.8881	0.2701	3.29	0.001	% adults in hh with post- secondary education
mts	-0.1896	0.0730	-2.60	0.010	Mountains
flr_con	0.2656	0.1035	2.57	0.011	hh has concrete floor
wall_brk	0.6734	0.1278	5.27	0.000	hh has brick walls
wall_wod	0.7635	0.1723	4.43	0.000	hh has wooden walls
wall_bambo	0.5378	0.1482	3.63	0.000	hh has bamboo walls
fuel_dung	-0.3418	0.1537	-2.22	0.027	hh uses dung for cooking
hhszsq	0.0032	0.0010	3.29	0.001	(hhsize - 6)^2
wat_cwell	0.2206	0.0926	2.38	0.018	hh gets drinking water from covered well
Whouse_owns	-1.4643	0.3466	-4.22	0.000	% hh in ward who own their home
Whead_educ_none	0.8277	0.2717	3.05	0.003	% hhead in ward with no education
Wtoilet_none	-0.4435	0.0978	-4.53	0.000	% hh in ward with no toilet
water_piped	0.2488	0.0882	2.82	0.005	% hh in ward with piped water
Wcookingfuel_dung	0.4263	0.1737	2.45	0.015	% hh in ward cooking with dung
Wowns_fridge	1.6251	0.6102	2.66	0.008	% hh in ward with a fridge
Wfloor_cement	0.6401	0.2852	2.24	0.026	% hh in ward with cement floor
Whead_educ_under5	0.8873	0.4559	1.95	0.053	% hhead in ward with <5 yrs education
Wlightfuel_kerosine	0.2883	0.1382	2.09	0.038	% hh in ward using kerosene for lighting
Wmax_educ_5to7	1.1277	0.4241	2.66	0.008	% in ward with 5-7 yrs education
Wowns_phone	0.4048	0.1377	2.94	0.004	% hh in ward with a phone
Wwater_handpump	0.3232	0.0972	3.32	0.001	% hh in ward using handpump for drinking water
Wroof_rcc	-1.2728	0.2843	-4.48	0.000	% hh in ward with cement/concrete floor
_cons	-1.9921	0.3655	-5.45	0.000	constant

B.5 Model for weight-for-height in NDHS 2011

n	*p*	R^2	R^2_c	σ^2_c	σ^2_h	σ^2_e
2345	22	0.115	0.7403	0.0285	0.2249	0.9356

where n = sample size, p = number of variables, R^2 = coefficient of determination
R^2_c = coefficient of determination at cluster level (generalised- R^2)
σ^2_c = cluster-level variance, σ^2_h = household-level variance, σ^2_e = residual variance

Variable	Coef.	Std. Err.	t	P>t	Label
ageyr23	-0.1285	0.0563	-2.28	0.023	aged 1-2 yrs
girl	0.1085	0.0473	2.29	0.023	female
terai	0.4378	0.0824	5.31	0.000	Terai
wat_cwell	0.3943	0.1734	2.27	0.024	hh gets drinking water from covered well
hage2	-0.1533	0.0580	-2.64	0.009	hhead aged 30-44
flr_con	0.3781	0.0997	3.79	0.000	hh has concrete floor
wall_wod	1.3413	0.3403	3.94	0.000	hh has wooden walls
wall_bambo	1.2164	0.3157	3.85	0.000	hh has bamboo walls
wall_brk	1.2109	0.3139	3.86	0.000	hh has brick walls
Wroof_iron	1.0195	0.1901	5.36	0.000	% hh in ward with iron roof
Wroof_tile	1.0805	0.2030	5.32	0.000	% hh in ward with tile roof
Wmax_educ_none	0.8996	0.2166	4.15	0.000	% hh in ward with no education
Whead_female	0.5263	0.2250	2.34	0.020	% hh in ward with female head
Wroof_straw	1.0849	0.2222	4.88	0.000	% hh in ward with straw roof
Wmax_educ_fem_5to7	2.4922	0.6705	3.72	0.000	% hh in ward with max female education 5-7 yrs
Wtoilet_flushseptik	-0.3756	0.1300	-2.89	0.004	% hh in ward with flush or septic toilet
Wroof_mud	0.7599	0.2435	3.12	0.002	% hh in ward with mud roof
Wtoilet_none	-0.7830	0.1229	-6.37	0.000	% hh in ward with no toilet
Wwater_piped	0.2196	0.0892	2.46	0.014	% hh in ward with piped water
Wowns_fridge	1.9809	0.5794	3.42	0.001	% hh in ward with a fridge
meanht	0.1940	0.0612	3.17	0.002	mean ht of VDC
popdens	0.0000	0.0000	2.59	0.010	population density of VDC
_cons	-3.4999	0.4725	-7.41	0.000	constant

B.6 Model for diarrhoea prevalence in NDHS 2011

n	*p*	σ^2_c	σ^2_h
2392	27	0.1625	1.1622

where n = sample size, p = number of variables,
σ^2_c = cluster-level variance, σ^2_h = household-level variance

Variable	Coef.	Std. Err.	t	P>t	Label
ageyr3	-0.6109	0.1823	-3.35	0.001	aged 2 yrs
ageyr4	-1.0876	0.1966	-5.53	0.000	aged 3 yrs
ageyr5	-1.7606	0.2899	-6.07	0.000	aged 4 yrs
girl	-0.4924	0.1627	-3.03	0.003	female
p_postsecondary	-2.5101	0.8162	-3.08	0.002	% adults in hh with post- secondary education
fuel_biogas	-1.3405	0.5611	-2.39	0.018	hh uses biogas for cooking
hfem	-0.3607	0.1889	-1.91	0.057	hhead female
rural	0.6157	0.2578	2.39	0.018	rural area
Wfloor_mud	1.9351	0.8253	2.34	0.020	% hh in ward with mud floor
Wfloor_woodpillar	2.9204	0.7312	3.99	0.000	% hh in ward with foundations of wooden pillars
Wwall_bamboo	-1.7057	0.5704	-2.99	0.003	% hh in ward with bamboo walls
Wwall_mud	-1.4047	0.7426	-1.89	0.060	% hh in ward with mud walls
Wwall_wood	-1.9769	0.7232	-2.73	0.007	% hh in ward with wooden walls
Wroof_oth	-5.8591	2.5166	-2.33	0.021	% hh in ward with reinforced cement/concrete roof
Wroof_rcc	1.6625	0.5633	2.95	0.003	% hh in ward with "other" type roof
Wcookingfuel_biogas	-2.5502	1.3483	-1.89	0.060	% hh in ward cooking with biogas
Wcookingfuel_dung	-4.5945	0.7783	-5.9	0.000	% hh in ward cooking with dung
Wcookingfuel_wood	-4.1843	0.7293	-5.74	0.000	% hh in ward cooking with wood
Wcookingfuel_gas	-3.4354	0.8644	-3.97	0.000	% hh in ward cooking with gas
Wlightfuel_elec	0.7581	0.2819	2.69	0.008	% hh in ward using electric lighting
Wmax_educ_fem_8to10	-2.0847	0.9119	-2.29	0.023	% hh in ward where max female education is 8-10 yrs
Whead_educ_none	-3.2067	0.6026	-5.32	0.000	% hhead in ward with no education
Whead_educ_under5	-5.7005	1.2643	-4.51	0.000	% hhead in ward with < 5 yrs education
Whead_age	0.0752	0.0239	3.14	0.002	average age of hhead in ward
Wsharechildren015	5.8176	2.2165	2.62	0.009	average % of children per hh in ward
Wowns_tv	-2.2747	0.5957	-3.82	0.000	% hh owning a tv in ward
Wowns_internet	1.8571	0.7287	2.55	0.011	%n hh with internet in ward
_cons	-0.6151	1.7733	-0.35	0.729	constant

Appendix C. Small area estimates of food insecurity and undernutrition at district level

Geographic/administrative information				Measures of food insecurity											
				Food poverty prevalence		Food poverty gap		Food poverty severity		Low kilocalorie intake prevalence		Low kilocalorie intake gap		Low kilocalorie intake severity	
Region	dcode	District name	Total population	P0	seP0	P1	seP1	P2	seP2	K0	seK0	K1	seK1	K2	seK2
1	1	Taplejung	126448	0.42304	0.03742	0.10050	0.01220	0.03466	0.00503	0.35499	0.02007	0.07356	0.00599	0.02441	0.00258
1	2	Panchthar	190491	0.23975	0.01891	0.04765	0.00500	0.01466	0.00189	0.33643	0.01989	0.06410	0.00549	0.01977	0.00224
1	3	Ilam	287932	0.14693	0.01374	0.02683	0.00324	0.00783	0.00115	0.31983	0.01745	0.05976	0.00487	0.01835	0.00197
1	4	Jhapa	807934	0.07141	0.00672	0.01219	0.00148	0.00343	0.00051	0.18187	0.01247	0.02759	0.00268	0.00740	0.00093
1	5	Morang	959568	0.10617	0.00827	0.01916	0.00196	0.00558	0.00069	0.19435	0.01283	0.02966	0.00256	0.00799	0.00086
1	6	Sunsari	753244	0.10827	0.00930	0.01935	0.00225	0.00559	0.00082	0.22363	0.01439	0.03509	0.00311	0.00956	0.00106
1	7	Dhankuta	161398	0.20883	0.01774	0.04122	0.00451	0.01264	0.00167	0.34742	0.02127	0.06670	0.00605	0.02071	0.00246
1	8	Terhathum	100833	0.20610	0.01770	0.03954	0.00450	0.01188	0.00169	0.33559	0.01965	0.06349	0.00512	0.01947	0.00205
1	9	Sankhuwasabha	158222	0.38895	0.03271	0.09111	0.01092	0.03114	0.00460	0.36683	0.02004	0.07627	0.00661	0.02532	0.00298
1	10	Bhojpur	181225	0.25687	0.02221	0.05220	0.00567	0.01625	0.00208	0.28758	0.02652	0.05308	0.00611	0.01619	0.00215
1	11	Solukhumbu	105119	0.41714	0.03926	0.09866	0.01295	0.03398	0.00539	0.38520	0.01930	0.08099	0.00685	0.02699	0.00321
1	12	Okhaldhunga	146824	0.29107	0.01968	0.06101	0.00575	0.01938	0.00230	0.33851	0.01998	0.06483	0.00551	0.02011	0.00220
1	13	Khotang	205225	0.29155	0.02016	0.06079	0.00555	0.01926	0.00212	0.35073	0.02339	0.06764	0.00640	0.02102	0.00247
1	14	Udayapur	315429	0.21657	0.01940	0.04407	0.00482	0.01380	0.00179	0.34460	0.01970	0.06617	0.00557	0.02055	0.00224
1	15	Saptari	637844	0.17938	0.01436	0.03341	0.00361	0.00984	0.00130	0.18452	0.01664	0.02806	0.00310	0.00756	0.00099
1	16	Siraha	635627	0.17058	0.01452	0.03154	0.00354	0.00927	0.00126	0.18465	0.01501	0.02806	0.00293	0.00756	0.00097
2	17	Dhanusha	753682	0.18218	0.01170	0.03795	0.00324	0.01242	0.00131	0.21397	0.01459	0.03693	0.00351	0.01106	0.00135
2	18	Mahottari	625207	0.20320	0.01462	0.04306	0.00435	0.01425	0.00180	0.21815	0.01482	0.03756	0.00371	0.01122	0.00143
2	19	Sarlahi	769330	0.21069	0.01408	0.04459	0.00411	0.01468	0.00170	0.23955	0.01482	0.04150	0.00369	0.01240	0.00139
2	20	Sindhuli	293173	0.29439	0.02050	0.06959	0.00665	0.02458	0.00285	0.36684	0.01878	0.07847	0.00533	0.02674	0.00226
2	21	Ramechhap	201423	0.28583	0.01862	0.06574	0.00595	0.02283	0.00257	0.31712	0.01721	0.06571	0.00469	0.02207	0.00199
2	22	Dolakha	185099	0.34929	0.02961	0.08773	0.01042	0.03226	0.00463	0.34099	0.01747	0.07679	0.00689	0.02765	0.00351
2	23	Sindhupalchok	285770	0.36941	0.03466	0.09297	0.01212	0.03421	0.00536	0.35366	0.01681	0.08010	0.00651	0.02890	0.00331
2	24	Kabhre	375221	0.21654	0.01289	0.04912	0.00416	0.01701	0.00184	0.34684	0.01703	0.07344	0.00520	0.02499	0.00230
2	25	Lalitpur	457606	0.14495	0.01097	0.03039	0.00296	0.01006	0.00117	0.39116	0.01606	0.08523	0.00547	0.02936	0.00252
2	26	Bhaktapur	298704	0.12269	0.01283	0.02479	0.00303	0.00804	0.00114	0.35102	0.01538	0.07379	0.00502	0.02503	0.00241
2	27	Kathmandu	1699289	0.20014	0.01565	0.04445	0.00454	0.01521	0.00183	0.40138	0.01576	0.08810	0.00522	0.03050	0.00236
2	28	Nuwakot	275775	0.25324	0.01562	0.05700	0.00488	0.01956	0.00206	0.36716	0.01813	0.07810	0.00557	0.02658	0.00240
2	29	Rasuwa	42133	0.40823	0.03481	0.10731	0.01256	0.04065	0.00572	0.36110	0.02055	0.08200	0.00790	0.02952	0.00415
2	30	Dhading	334292	0.26459	0.01656	0.06077	0.00528	0.02114	0.00230	0.35248	0.01583	0.07539	0.00495	0.02580	0.00221
2	31	Makawanpur	415601	0.25610	0.01758	0.06044	0.00561	0.02140	0.00239	0.41408	0.01589	0.09151	0.00484	0.03168	0.00223
2	32	Rautahat	686059	0.24024	0.01627	0.05185	0.00479	0.01725	0.00195	0.23634	0.01567	0.04090	0.00370	0.01222	0.00141
2	33	Bara	685831	0.21053	0.01312	0.04470	0.00385	0.01473	0.00160	0.25496	0.01537	0.04455	0.00392	0.01333	0.00156
2	34	Parsa	597769	0.22239	0.01395	0.04805	0.00411	0.01605	0.00171	0.26987	0.01542	0.04751	0.00392	0.01423	0.00150
2	35	Chitawan	569732	0.10628	0.00796	0.02199	0.00228	0.00725	0.00093	0.28056	0.01757	0.05075	0.00461	0.01538	0.00176
3	36	Gorkha	268942	0.21629	0.01452	0.04554	0.00435	0.01479	0.00181	0.30882	0.01599	0.06188	0.00473	0.02025	0.00205
3	37	Lamjung	166150	0.19244	0.01380	0.03960	0.00382	0.01272	0.00153	0.31080	0.01596	0.06284	0.00486	0.02064	0.00214
3	38	Tanahu	320547	0.17702	0.01350	0.03648	0.00388	0.01172	0.00161	0.33230	0.01535	0.06831	0.00474	0.02262	0.00206

Geographic/administrative information				Measures of food insecurity											
				Food poverty prevalence		Food poverty gap		Food poverty severity		Low kilocalorie intake prevalence		Low kilocalorie intake gap		Low kilocalorie intake severity	
Region	dcode	District name	Total population	P0	seP0	P1	seP1	P2	seP2	K0	seK0	K1	seK1	K2	seK2
3	39	Syangja	288100	0.17413	0.01373	0.03478	0.00365	0.01094	0.00144	0.32232	0.01809	0.06510	0.00493	0.02137	0.00206
3	40	Kaski	480952	0.09197	0.00821	0.01726	0.00196	0.00527	0.00072	0.36244	0.01762	0.07586	0.00528	0.02541	0.00228
3	41	Manang	5827	0.22878	0.03352	0.04820	0.00973	0.01561	0.00398	0.34860	0.03978	0.07949	0.01319	0.02878	0.00626
3	42	Mustang	11593	0.21497	0.03050	0.04583	0.00823	0.01507	0.00329	0.37184	0.05253	0.08624	0.01733	0.03120	0.00772
3	43	Myagdi	112077	0.22331	0.01963	0.04680	0.00596	0.01511	0.00247	0.32150	0.01607	0.06525	0.00500	0.02150	0.00240
3	44	Parbat	145667	0.18064	0.01566	0.03604	0.00412	0.01134	0.00160	0.29228	0.01550	0.05762	0.00453	0.01867	0.00204
3	45	Baglung	266630	0.25104	0.01928	0.05440	0.00582	0.01799	0.00238	0.35109	0.01710	0.07191	0.00504	0.02369	0.00214
3	46	Gulmi	279005	0.23526	0.01578	0.05034	0.00460	0.01651	0.00188	0.30016	0.01559	0.05970	0.00432	0.01946	0.00180
3	47	Palpa	258893	0.21776	0.01479	0.04655	0.00431	0.01524	0.00175	0.33422	0.01560	0.06794	0.00461	0.02231	0.00207
3	48	Nawalparasi	638954	0.11914	0.01030	0.02286	0.00240	0.00703	0.00087	0.24228	0.01529	0.04069	0.00379	0.01175	0.00143
3	49	Rupandehi	874566	0.14144	0.01104	0.02738	0.00287	0.00841	0.00110	0.25742	0.01580	0.04431	0.00390	0.01300	0.00151
3	50	Kapilbastu	569834	0.21065	0.01510	0.04255	0.00436	0.01338	0.00173	0.23530	0.01717	0.03923	0.00401	0.01128	0.00145
3	51	Arghakhanchi	196895	0.22131	0.01470	0.04650	0.00439	0.01506	0.00185	0.29667	0.01521	0.05903	0.00425	0.01927	0.00190
4	52	Pyuthan	226796	0.40076	0.01915	0.10535	0.00805	0.04000	0.00411	0.42279	0.01959	0.09608	0.00713	0.03403	0.00344
4	53	Rolpa	221177	0.35245	0.02760	0.08669	0.00899	0.03152	0.00395	0.33190	0.02512	0.07097	0.00697	0.02448	0.00292
4	54	Rukum	207290	0.32039	0.02582	0.07735	0.00857	0.02784	0.00385	0.36384	0.02464	0.07953	0.00749	0.02771	0.00323
4	55	Salyan	241716	0.34140	0.02164	0.08341	0.00760	0.03021	0.00356	0.40843	0.01900	0.09203	0.00641	0.03252	0.00305
4	56	Dang	548141	0.21143	0.01605	0.04745	0.00523	0.01645	0.00229	0.32019	0.02234	0.05985	0.00576	0.01851	0.00226
4	57	Banke	485164	0.18210	0.01317	0.03946	0.00417	0.01330	0.00180	0.29217	0.01513	0.05386	0.00453	0.01664	0.00196
4	58	Bardiya	423611	0.19883	0.01530	0.04353	0.00486	0.01481	0.00218	0.28593	0.01829	0.05228	0.00476	0.01613	0.00191
4	59	Surkhet	343318	0.30108	0.01808	0.07364	0.00661	0.02678	0.00315	0.43100	0.01659	0.09831	0.00607	0.03493	0.00301
4	60	Dailekh	260855	0.34056	0.02295	0.08294	0.00782	0.02995	0.00362	0.38260	0.02237	0.08433	0.00695	0.02953	0.00314
4	61	Jajarkot	170106	0.36194	0.02652	0.08847	0.00880	0.03195	0.00388	0.39445	0.02455	0.08721	0.00767	0.03053	0.00351
4	62	Dolpa	36128	0.37523	0.03753	0.09556	0.01237	0.03559	0.00560	0.45201	0.05322	0.11527	0.02013	0.04461	0.00956
4	63	Jumla	107495	0.41140	0.03789	0.10516	0.01293	0.03908	0.00577	0.47503	0.05420	0.12230	0.02075	0.04751	0.00992
4	64	Kalikot	136587	0.54644	0.03450	0.15838	0.01446	0.06371	0.00722	0.43917	0.02266	0.10913	0.00948	0.04151	0.00511
4	65	Mugu	54832	0.47193	0.03835	0.13048	0.01433	0.05121	0.00689	0.42550	0.04513	0.10660	0.01671	0.04076	0.00813
4	66	Humla	49933	0.50369	0.03505	0.14199	0.01477	0.05611	0.00734	0.53153	0.05303	0.14459	0.02350	0.05772	0.01212
5	67	Bajura	134154	0.74544	0.03317	0.23589	0.01988	0.09764	0.01138	0.42614	0.02087	0.09206	0.00756	0.03114	0.00355
5	68	Bajhang	194701	0.70839	0.03691	0.21300	0.02001	0.08521	0.01076	0.35727	0.02522	0.07293	0.00742	0.02397	0.00315
5	69	Achham	256188	0.58738	0.03835	0.15832	0.01703	0.05909	0.00838	0.39563	0.02190	0.07805	0.00629	0.02447	0.00256
5	70	Doti	207070	0.56739	0.03422	0.15096	0.01543	0.05585	0.00766	0.41436	0.02199	0.08227	0.00671	0.02588	0.00278
5	71	Kailali	766659	0.30420	0.03335	0.06440	0.00994	0.02066	0.00398	0.25856	0.01925	0.04071	0.00401	0.01105	0.00134
5	72	Kanchanpur	448503	0.28183	0.03213	0.05814	0.00911	0.01830	0.00350	0.24596	0.01795	0.03816	0.00394	0.01030	0.00142
5	73	Dadeldhura	141004	0.49822	0.04053	0.12477	0.01588	0.04443	0.00734	0.42650	0.02687	0.08563	0.00851	0.02713	0.00366
5	74	Baitadi	250225	0.51464	0.04070	0.12874	0.01534	0.04570	0.00690	0.38005	0.02371	0.07304	0.00676	0.02264	0.00265
5	75	Darchula	132484	0.61038	0.04311	0.17056	0.01889	0.06538	0.00926	0.31693	0.02357	0.06339	0.00659	0.02068	0.00276

Geographic/administrative information				Measures of undernutrition												Diarrheoa	
				Stunting		Severe stunting		Underweight		Severe underweight		Wasting		Severe wasting			
Region	dcode	District name	Number of children under five	S2	seS2	S3	seS3	U2	seU2	U3	seU3	W2	seW2	W3	seW3	D	seD
1	1	Taplejung	12884	0.49830	0.01855	0.22332	0.01466	0.25247	0.02459	0.06178	0.00966	0.05908	0.00695	0.01062	0.00187	0.11778	0.01175
1	2	Panchthar	17251	0.40377	0.02170	0.15765	0.01351	0.22745	0.01578	0.05153	0.00586	0.05905	0.00587	0.00998	0.00163	0.11084	0.01315
1	3	Ilam	20455	0.31995	0.03018	0.10957	0.01606	0.22519	0.01626	0.05103	0.00602	0.08387	0.00891	0.01732	0.00288	0.08437	0.01046
1	4	Jhapa	68657	0.31663	0.02053	0.10843	0.01107	0.21274	0.01140	0.04848	0.00431	0.08529	0.00651	0.01751	0.00194	0.08690	0.00953
1	5	Morang	85106	0.32674	0.02109	0.11370	0.01144	0.23796	0.01650	0.05778	0.00710	0.09252	0.00666	0.01920	0.00200	0.08882	0.00892
1	6	Sunsari	68014	0.32176	0.02138	0.11083	0.01132	0.23812	0.01813	0.05856	0.00790	0.09789	0.00694	0.02098	0.00218	0.08941	0.00884
1	7	Dhankuta	14470	0.37988	0.02142	0.14327	0.01268	0.22282	0.01261	0.05003	0.00472	0.07896	0.00633	0.01510	0.00195	0.10187	0.01090
1	8	Terhathum	9106	0.39408	0.02291	0.15109	0.01362	0.24609	0.01407	0.05857	0.00586	0.07458	0.00772	0.01349	0.00229	0.13015	0.01254
1	9	Sankhuwasabha	15261	0.50549	0.01796	0.22852	0.01474	0.29271	0.02064	0.08010	0.00910	0.06238	0.00600	0.01190	0.00191	0.10144	0.01026
1	10	Bhojpur	17816	0.44374	0.02221	0.18303	0.01513	0.26655	0.01214	0.06640	0.00523	0.07548	0.00713	0.01391	0.00200	0.11784	0.01581
1	11	Solukhumbu	9982	0.51258	0.01963	0.23386	0.01633	0.29936	0.01983	0.08273	0.00972	0.07911	0.01262	0.01610	0.00410	0.11869	0.01340
1	12	Okhaldhunga	13984	0.46008	0.02156	0.19493	0.01606	0.26641	0.01448	0.06615	0.00596	0.06858	0.00520	0.01255	0.00170	0.12696	0.01337
1	13	Khotang	20599	0.45473	0.02154	0.19046	0.01578	0.30765	0.01395	0.08487	0.00662	0.07991	0.00836	0.01520	0.00253	0.13082	0.01250
1	14	Udayapur	31464	0.41613	0.01891	0.16640	0.01312	0.28572	0.01097	0.07597	0.00540	0.12595	0.00868	0.03034	0.00364	0.14416	0.01354
1	15	Saptari	63255	0.35362	0.02302	0.12869	0.01334	0.33363	0.02405	0.09900	0.01277	0.15150	0.01385	0.03970	0.00592	0.14882	0.01232
1	16	Siraha	68988	0.36909	0.02034	0.13736	0.01221	0.33209	0.02068	0.09765	0.01040	0.13904	0.00956	0.03414	0.00396	0.14578	0.01033
2	17	Dhanusha	75326	0.37302	0.01927	0.13993	0.01170	0.31540	0.01775	0.08974	0.00861	0.12444	0.00669	0.02938	0.00294	0.13491	0.00983
2	18	Mahottari	71290	0.40993	0.01817	0.16206	0.01233	0.32997	0.01469	0.09623	0.00805	0.11976	0.00628	0.02703	0.00228	0.16833	0.01087
2	19	Sarlahi	86840	0.42022	0.01999	0.16856	0.01415	0.32487	0.01474	0.09430	0.00751	0.13243	0.00758	0.03168	0.00307	0.15914	0.00813
2	20	Sindhuli	30880	0.47700	0.02177	0.20624	0.01686	0.34083	0.01460	0.10118	0.00801	0.13553	0.00826	0.03321	0.00337	0.15535	0.01381
2	21	Ramechhap	16023	0.45183	0.02126	0.18856	0.01577	0.25396	0.01547	0.06132	0.00608	0.08196	0.00547	0.01605	0.00179	0.10742	0.01338
2	22	Dolakha	15732	0.51465	0.01819	0.23576	0.01489	0.31614	0.01927	0.08817	0.00956	0.06827	0.00643	0.01238	0.00201	0.10075	0.01308
2	23	Sindhupalchok	23494	0.48361	0.02203	0.21217	0.01633	0.30890	0.02083	0.08538	0.01016	0.08570	0.00732	0.01717	0.00240	0.09119	0.01374
2	24	Kabhre	27986	0.38277	0.02127	0.14645	0.01355	0.25338	0.01406	0.06131	0.00564	0.09677	0.00808	0.02051	0.00260	0.09239	0.00982
2	25	Lalitpur	29326	0.30522	0.02896	0.10406	0.01531	0.18539	0.02318	0.04018	0.00723	0.07813	0.01149	0.01726	0.00387	0.13197	0.01596
2	26	Bhaktapur	19775	0.30613	0.02764	0.10407	0.01429	0.20148	0.02016	0.04444	0.00678	0.07921	0.01030	0.01675	0.00350	0.12015	0.01427
2	27	Kathmandu	111174	0.27807	0.03317	0.09064	0.01632	0.15219	0.02565	0.02974	0.00718	0.05509	0.01095	0.01102	0.00303	0.14463	0.01864
2	28	Nuwakot	21771	0.39071	0.02903	0.14967	0.01766	0.25848	0.01859	0.06329	0.00774	0.09977	0.00892	0.02105	0.00290	0.09311	0.01293
2	29	Rasuwa	3742	0.47150	0.02775	0.20337	0.02053	0.31544	0.02407	0.08913	0.01309	0.09341	0.01274	0.01940	0.00452	0.10088	0.01455
2	30	Dhading	30080	0.42110	0.02224	0.16979	0.01506	0.22997	0.01429	0.05251	0.00525	0.09008	0.00658	0.01802	0.00197	0.10287	0.01009
2	31	Makawanpur	38181	0.39137	0.01919	0.15258	0.01283	0.24716	0.01357	0.06047	0.00536	0.11658	0.00867	0.02741	0.00325	0.11594	0.01073
2	32	Rautahat	81429	0.42267	0.02289	0.17142	0.01560	0.33295	0.01608	0.09928	0.00845	0.14339	0.00852	0.03727	0.00414	0.18778	0.01248
2	33	Bara	78486	0.38900	0.01938	0.14964	0.01219	0.32939	0.01567	0.09820	0.00813	0.15913	0.01000	0.04464	0.00544	0.17073	0.01175
2	34	Parsa	67837	0.38477	0.02161	0.14760	0.01373	0.34027	0.01576	0.10291	0.00823	0.15515	0.00982	0.04127	0.00467	0.18378	0.01587
2	35	Chitawan	42694	0.32797	0.01798	0.11654	0.01002	0.15209	0.01667	0.03063	0.00436	0.06238	0.00831	0.01291	0.00288	0.11386	0.00983
3	36	Gorkha	23195	0.42057	0.02194	0.16873	0.01463	0.24051	0.01274	0.05693	0.00500	0.08412	0.00673	0.01682	0.00230	0.09747	0.01117
3	37	Lamjung	14090	0.39198	0.02219	0.15072	0.01413	0.20765	0.01164	0.04483	0.00412	0.07325	0.00632	0.01355	0.00188	0.12444	0.01063
3	38	Tanahu	27661	0.39113	0.02070	0.14977	0.01290	0.20096	0.01126	0.04274	0.00376	0.08112	0.00798	0.01576	0.00228	0.10803	0.00901
3	39	Syangja	24119	0.36768	0.02383	0.13532	0.01391	0.21516	0.01447	0.04661	0.00515	0.07009	0.00645	0.01242	0.00192	0.10864	0.01174

Geographic/administrative information				Measures of undernutrition												Diarrheoa	
				Stunting		Severe stunting		Underweight		Severe underweight		Wasting		Severe wasting			
Region	dcode	District name	Number of children under five	S2	seS2	S3	seS3	U2	seU2	U3	seU3	W2	seW2	W3	seW3	D	seD
3	40	Kaski	37014	0.31417	0.02186	0.10721	0.01149	0.14543	0.01668	0.02719	0.00431	0.08219	0.01155	0.01662	0.00358	0.11050	0.01309
3	41	Manang	376	0.39156	0.03846	0.15507	0.02501	0.21242	0.02850	0.05151	0.01292	0.05965	0.01992	0.01045	0.00603	0.09207	0.01960
3	42	Mustang	851	0.43122	0.03869	0.18080	0.02456	0.19613	0.02770	0.04514	0.01137	0.04747	0.01157	0.00779	0.00363	0.09090	0.02948
3	43	Myagdi	11823	0.44606	0.02255	0.18516	0.01584	0.20885	0.01358	0.04577	0.00465	0.04566	0.00540	0.00697	0.00130	0.10760	0.00899
3	44	Parbat	13532	0.38663	0.02214	0.14733	0.01368	0.21324	0.01412	0.04637	0.00501	0.07063	0.00660	0.01268	0.00200	0.12678	0.01113
3	45	Baglung	27488	0.44916	0.02255	0.18817	0.01608	0.22808	0.01331	0.05289	0.00478	0.05644	0.00561	0.00928	0.00143	0.11077	0.01000
3	46	Gulmi	28096	0.43528	0.02318	0.17860	0.01584	0.22228	0.01325	0.04869	0.00472	0.06320	0.00518	0.01069	0.00145	0.12257	0.01015
3	47	Palpa	23979	0.37900	0.02387	0.14200	0.01486	0.22658	0.01247	0.05109	0.00463	0.08062	0.00614	0.01527	0.00168	0.11580	0.00914
3	48	Nawalparasi	55591	0.33288	0.01673	0.11730	0.00947	0.26576	0.01238	0.07358	0.00573	0.11894	0.00823	0.03421	0.00542	0.12891	0.00814
3	49	Rupandehi	79735	0.29292	0.01706	0.09669	0.00852	0.33774	0.03016	0.11502	0.01855	0.19161	0.01867	0.06669	0.01176	0.19597	0.01979
3	50	Kapilbastu	63427	0.35940	0.01797	0.13301	0.01067	0.46428	0.03715	0.19164	0.02998	0.25764	0.02523	0.09805	0.01765	0.25817	0.03280
3	51	Arghakhanchi	20791	0.43094	0.02386	0.17404	0.01630	0.25394	0.01336	0.06062	0.00538	0.07381	0.00490	0.01373	0.00144	0.13080	0.01099
4	52	Pyuthan	29629	0.49367	0.02686	0.21870	0.02091	0.24271	0.01405	0.05628	0.00526	0.06249	0.00509	0.01067	0.00135	0.13676	0.01460
4	53	Rolpa	28507	0.50274	0.02384	0.22381	0.01911	0.32090	0.02169	0.09020	0.01074	0.09855	0.01085	0.02050	0.00335	0.11856	0.01302
4	54	Rukum	24302	0.47961	0.02319	0.20738	0.01750	0.35988	0.01930	0.11014	0.01086	0.09595	0.00977	0.01967	0.00313	0.11547	0.01394
4	55	Salyan	27629	0.45594	0.02133	0.19049	0.01547	0.34882	0.01708	0.10485	0.00938	0.11871	0.00838	0.02736	0.00295	0.11484	0.01303
4	56	Dang	53444	0.40993	0.01619	0.16177	0.01103	0.28428	0.01173	0.07598	0.00524	0.07907	0.00744	0.01729	0.00287	0.13632	0.01222
4	57	Banke	48798	0.40579	0.01637	0.16018	0.01145	0.35964	0.02312	0.12110	0.01462	0.17538	0.01789	0.06008	0.01359	0.17057	0.01249
4	58	Bardiya	38941	0.40945	0.01787	0.16080	0.01232	0.29801	0.01910	0.08477	0.01006	0.14874	0.01975	0.04717	0.01389	0.14325	0.01729
4	59	Surkhet	39174	0.43240	0.01796	0.17606	0.01269	0.29742	0.01456	0.08058	0.00661	0.09715	0.00618	0.02093	0.00224	0.13292	0.01157
4	60	Dailekh	35303	0.48518	0.02128	0.21106	0.01686	0.36379	0.01907	0.11244	0.01072	0.11148	0.00788	0.02478	0.00287	0.13632	0.01498
4	61	Jajarkot	25267	0.49389	0.02529	0.21737	0.02028	0.39613	0.02192	0.12968	0.01330	0.10121	0.01163	0.02114	0.00374	0.13537	0.01774
4	62	Dolpa	4894	0.55437	0.02405	0.26671	0.02110	0.42708	0.02275	0.15371	0.01580	0.10510	0.01748	0.02335	0.00655	0.14976	0.01694
4	63	Jumla	14960	0.55895	0.02307	0.26851	0.02080	0.37491	0.01852	0.11779	0.01059	0.10082	0.01358	0.02138	0.00439	0.15604	0.01644
4	64	Kalikot	21640	0.56755	0.02234	0.27538	0.02055	0.42315	0.02166	0.14754	0.01438	0.10357	0.01192	0.02419	0.00423	0.16279	0.01890
4	65	Mugu	8615	0.56474	0.02364	0.27280	0.02147	0.41704	0.02127	0.14443	0.01419	0.11720	0.01154	0.02889	0.00432	0.17368	0.01883
4	66	Humla	7391	0.56087	0.02523	0.27157	0.02325	0.41758	0.02156	0.14548	0.01480	0.12706	0.01679	0.03098	0.00623	0.15986	0.01825
5	67	Bajura	18925	0.57357	0.02258	0.28184	0.02120	0.43451	0.02342	0.15427	0.01605	0.09463	0.01219	0.02010	0.00398	0.16145	0.01594
5	68	Bajhang	27161	0.57502	0.02381	0.28341	0.02239	0.44780	0.02399	0.16305	0.01711	0.10943	0.01497	0.02430	0.00501	0.16081	0.01714
5	69	Achham	36381	0.51742	0.02454	0.23603	0.02086	0.36221	0.01981	0.11292	0.01122	0.10685	0.00935	0.02338	0.00341	0.15069	0.01620
5	70	Doti	30590	0.51645	0.02525	0.23585	0.02150	0.34661	0.01800	0.10325	0.01006	0.10382	0.00972	0.02227	0.00323	0.13620	0.01347
5	71	Kailali	74234	0.40637	0.01828	0.15964	0.01249	0.27357	0.01654	0.07154	0.00697	0.11387	0.00905	0.02983	0.00540	0.12765	0.01076
5	72	Kanchanpur	43958	0.38754	0.01726	0.14796	0.01102	0.27793	0.01820	0.07349	0.00784	0.11534	0.00954	0.02921	0.00484	0.14115	0.01257
5	73	Dadeldhura	17166	0.45237	0.02239	0.18973	0.01659	0.31541	0.01573	0.08713	0.00729	0.09386	0.00633	0.01945	0.00218	0.14997	0.01122
5	74	Baitadi	31978	0.46600	0.02260	0.19767	0.01735	0.33962	0.02006	0.10002	0.01035	0.10495	0.00998	0.02238	0.00315	0.17117	0.01619
5	75	Darchula	16115	0.50179	0.02390	0.22576	0.01821	0.39880	0.02650	0.13256	0.01693	0.10820	0.01071	0.02431	0.00369	0.19898	0.01937

Appendix D. Small area estimates of food insecurity and undernutrition at ilaka level

Geographic/administrative information					Measures of food insecurity											
					Food poverty prevalence		Food poverty gap		Food poverty severity		Low kilocalorie intake prevalence		Low kilocalorie intake gap		Low kilocalorie intake severity	
Region	dcode	Ilaka	ilakaid	Total population	P0	seP0	P1	seP1	P2	seP2	K0	seK0	K1	seK1	K2	seK2
1	1	1	101	6310	0.45217	0.05640	0.10946	0.02144	0.03834	0.00974	0.33464	0.04178	0.06771	0.01159	0.02220	0.00509
1	1	2	102	4023	0.49493	0.06179	0.12143	0.02233	0.04247	0.01010	0.39571	0.04147	0.08306	0.01206	0.02770	0.00568
1	1	3	103	8325	0.41631	0.04763	0.09510	0.01522	0.03179	0.00646	0.31433	0.03618	0.06299	0.01048	0.02064	0.00484
1	1	4	104	11514	0.39124	0.04772	0.08750	0.01444	0.02893	0.00586	0.32809	0.02987	0.06605	0.00849	0.02148	0.00382
1	1	5	105	15753	0.40675	0.05422	0.09442	0.01706	0.03203	0.00702	0.32250	0.03314	0.06560	0.00921	0.02167	0.00404
1	1	6	106	27317	0.30685	0.04103	0.06556	0.01171	0.02114	0.00470	0.30655	0.02715	0.06122	0.00725	0.02000	0.00314
1	1	7	107	8996	0.51859	0.05320	0.13317	0.02026	0.04810	0.00930	0.40427	0.03374	0.08593	0.01029	0.02898	0.00481
1	1	8	108	5936	0.38063	0.05556	0.08869	0.01884	0.03031	0.00834	0.29185	0.03681	0.05862	0.01051	0.01920	0.00493
1	1	9	109	9992	0.48946	0.04891	0.12156	0.01855	0.04323	0.00853	0.40474	0.03184	0.08634	0.01117	0.02901	0.00541
1	1	10	110	13876	0.53511	0.04818	0.13886	0.01880	0.05056	0.00879	0.41610	0.02974	0.08969	0.00956	0.03025	0.00426
1	1	11	111	14406	0.45141	0.05173	0.10720	0.01706	0.03672	0.00709	0.40806	0.03037	0.08701	0.01013	0.02915	0.00467
1	2	1	201	14140	0.26978	0.03570	0.05527	0.01088	0.01740	0.00457	0.40090	0.03596	0.07978	0.01126	0.02526	0.00508
1	2	2	202	20161	0.21057	0.03266	0.04039	0.00841	0.01213	0.00327	0.27257	0.03676	0.04900	0.00892	0.01478	0.00358
1	2	3	203	18903	0.26924	0.03390	0.05365	0.00933	0.01647	0.00373	0.36620	0.03373	0.07043	0.00988	0.02184	0.00412
1	2	4	204	17899	0.23065	0.03433	0.04450	0.00905	0.01330	0.00348	0.30119	0.03571	0.05593	0.00974	0.01701	0.00392
1	2	5	205	31357	0.19241	0.02971	0.03702	0.00840	0.01123	0.00337	0.34778	0.03064	0.06635	0.00896	0.02050	0.00393
1	2	6	206	13947	0.29586	0.04009	0.06104	0.01163	0.01913	0.00466	0.38360	0.02790	0.07489	0.00878	0.02323	0.00388
1	2	7	207	19932	0.25902	0.02918	0.05175	0.00848	0.01597	0.00358	0.38850	0.03015	0.07613	0.00910	0.02360	0.00387
1	2	8	208	16118	0.28310	0.03577	0.05781	0.00997	0.01800	0.00394	0.36433	0.03400	0.07099	0.00931	0.02221	0.00410
1	2	9	209	13419	0.26453	0.03462	0.05480	0.00919	0.01743	0.00358	0.29874	0.03603	0.05569	0.00911	0.01699	0.00379
1	2	10	210	13432	0.18336	0.03435	0.03488	0.00862	0.01048	0.00336	0.24490	0.03751	0.04397	0.00867	0.01324	0.00337
1	2	11	211	11183	0.22311	0.04064	0.04390	0.01066	0.01340	0.00425	0.30770	0.03768	0.05707	0.01076	0.01726	0.00441
1	3	1	301	11313	0.13115	0.02903	0.02336	0.00679	0.00670	0.00259	0.31340	0.04004	0.05834	0.01124	0.01812	0.00512
1	3	2	302	21513	0.15063	0.02239	0.02737	0.00543	0.00797	0.00205	0.31371	0.02883	0.05754	0.00781	0.01748	0.00317
1	3	3	303	36103	0.08985	0.01557	0.01522	0.00350	0.00422	0.00125	0.28486	0.02638	0.05158	0.00705	0.01566	0.00287
1	3	4	304	42396	0.15933	0.02349	0.02931	0.00580	0.00861	0.00218	0.34271	0.02727	0.06478	0.00781	0.01995	0.00323
1	3	5	305	19135	0.14277	0.02640	0.02574	0.00665	0.00748	0.00257	0.29678	0.02879	0.05467	0.00822	0.01666	0.00362
1	3	6	306	18857	0.19767	0.03002	0.03745	0.00805	0.01111	0.00315	0.35114	0.03014	0.06754	0.00853	0.02097	0.00350
1	3	7	307	21320	0.15405	0.02473	0.02839	0.00621	0.00832	0.00239	0.34212	0.03458	0.06521	0.00970	0.02016	0.00427
1	3	8	308	17211	0.14708	0.02617	0.02647	0.00633	0.00768	0.00238	0.35667	0.03612	0.06725	0.00945	0.02051	0.00384
1	3	9	309	15965	0.15545	0.02195	0.02859	0.00548	0.00842	0.00210	0.31201	0.02544	0.05725	0.00709	0.01742	0.00298
1	3	10	310	24250	0.16264	0.02518	0.03021	0.00659	0.00890	0.00252	0.34516	0.02593	0.06536	0.00767	0.02014	0.00339
1	3	11	311	41236	0.17914	0.03196	0.03342	0.00799	0.00988	0.00306	0.31738	0.03413	0.06006	0.00948	0.01865	0.00413
1	3	12	312	18633	0.08021	0.01757	0.01364	0.00435	0.00383	0.00168	0.25812	0.03229	0.04607	0.00780	0.01387	0.00322
1	4	1	401	32057	0.08671	0.01496	0.01514	0.00369	0.00431	0.00143	0.15751	0.02674	0.02339	0.00536	0.00630	0.00208
1	4	2	402	36800	0.07043	0.01458	0.01177	0.00326	0.00324	0.00119	0.15911	0.02823	0.02414	0.00541	0.00652	0.00187
1	4	3	403	21056	0.07489	0.02096	0.01287	0.00519	0.00372	0.00201	0.18490	0.03563	0.02744	0.00759	0.00728	0.00308
1	4	4	404	64416	0.04726	0.01143	0.00768	0.00239	0.00208	0.00083	0.21113	0.02795	0.03219	0.00582	0.00860	0.00211
1	4	5	405	45174	0.04839	0.01703	0.00788	0.00381	0.00217	0.00139	0.17190	0.03687	0.02628	0.00791	0.00713	0.00300

Geographic/administrative information					Measures of food insecurity											
					Food poverty prevalence		Food poverty gap		Food poverty severity		Low kilocalorie intake prevalence		Low kilocalorie intake gap		Low kilocalorie intake severity	
Region	dcode	Ilaka	ilakaid	Total population	P0	seP0	P1	seP1	P2	seP2	K0	seK0	K1	seK1	K2	seK2
1	4	6	406	56616	0.04897	0.01445	0.00785	0.00322	0.00213	0.00119	0.19160	0.03355	0.02883	0.00666	0.00764	0.00229
1	4	7	407	39466	0.04395	0.01375	0.00718	0.00289	0.00197	0.00107	0.16232	0.02986	0.02458	0.00659	0.00660	0.00259
1	4	8	408	33675	0.06073	0.01769	0.01002	0.00368	0.00273	0.00129	0.17951	0.03180	0.02674	0.00606	0.00703	0.00225
1	4	9	409	32870	0.09732	0.02265	0.01676	0.00567	0.00471	0.00221	0.15930	0.02636	0.02387	0.00579	0.00648	0.00245
1	4	10	410	37894	0.04924	0.01308	0.00826	0.00291	0.00230	0.00103	0.17173	0.02854	0.02610	0.00601	0.00709	0.00232
1	4	11	411	62071	0.09907	0.01631	0.01757	0.00374	0.00502	0.00142	0.17063	0.02952	0.02544	0.00626	0.00668	0.00226
1	4	12	412	40262	0.04951	0.01661	0.00821	0.00410	0.00229	0.00157	0.14878	0.03416	0.02252	0.00755	0.00617	0.00292
1	4	13	413	31200	0.07241	0.01938	0.01223	0.00435	0.00341	0.00154	0.14922	0.02641	0.02244	0.00561	0.00608	0.00231
1	4	14	414	29586	0.05457	0.01829	0.00903	0.00439	0.00252	0.00165	0.13905	0.03398	0.02089	0.00689	0.00572	0.00261
1	4	15	415	36494	0.11468	0.02102	0.02025	0.00505	0.00581	0.00191	0.16739	0.02796	0.02510	0.00570	0.00670	0.00215
1	4	16	416	37067	0.06116	0.01564	0.01052	0.00369	0.00300	0.00139	0.13714	0.02777	0.02018	0.00562	0.00533	0.00203
1	4	17	417	20419	0.05325	0.02391	0.00896	0.00487	0.00250	0.00164	0.16217	0.04869	0.02507	0.01018	0.00698	0.00394
1	4	18	418	18164	0.10389	0.02531	0.01835	0.00589	0.00524	0.00205	0.23613	0.03428	0.03636	0.00690	0.00972	0.00245
1	4	19	419	75102	0.08998	0.01397	0.01564	0.00310	0.00446	0.00109	0.22735	0.02306	0.03518	0.00473	0.00941	0.00163
1	4	20	420	57545	0.09903	0.02010	0.01718	0.00437	0.00486	0.00149	0.25230	0.03343	0.03920	0.00692	0.01045	0.00241
1	5	1	501	54396	0.10284	0.01629	0.01829	0.00395	0.00528	0.00147	0.14399	0.02069	0.02162	0.00399	0.00592	0.00148
1	5	2	502	58474	0.10446	0.01866	0.01809	0.00425	0.00512	0.00151	0.15521	0.02158	0.02361	0.00476	0.00653	0.00199
1	5	3	503	49964	0.08279	0.01648	0.01437	0.00381	0.00411	0.00143	0.16104	0.02629	0.02443	0.00598	0.00667	0.00225
1	5	4	504	72872	0.04971	0.01236	0.00819	0.00268	0.00225	0.00093	0.17902	0.02338	0.02677	0.00443	0.00710	0.00164
1	5	5	505	42338	0.09124	0.01652	0.01599	0.00379	0.00459	0.00134	0.20007	0.02762	0.03075	0.00554	0.00824	0.00196
1	5	6	506	50213	0.07922	0.01564	0.01390	0.00381	0.00403	0.00148	0.17009	0.02581	0.02549	0.00515	0.00679	0.00205
1	5	7	507	49665	0.12225	0.02299	0.02210	0.00589	0.00642	0.00224	0.16559	0.02998	0.02518	0.00575	0.00687	0.00225
1	5	8	508	32552	0.14851	0.02618	0.02682	0.00624	0.00780	0.00234	0.17566	0.03189	0.02639	0.00632	0.00704	0.00214
1	5	9	509	75413	0.06613	0.01092	0.01139	0.00234	0.00323	0.00081	0.20226	0.02054	0.03077	0.00432	0.00822	0.00145
1	5	10	510	34148	0.13594	0.02453	0.02562	0.00611	0.00768	0.00233	0.24591	0.03138	0.03890	0.00619	0.01063	0.00221
1	5	11	511	80518	0.05579	0.01010	0.00931	0.00254	0.00262	0.00101	0.17565	0.02245	0.02637	0.00395	0.00705	0.00134
1	5	12	512	20172	0.13732	0.02657	0.02453	0.00661	0.00695	0.00250	0.19054	0.03075	0.02893	0.00626	0.00779	0.00230
1	5	13	513	24395	0.11468	0.03966	0.02031	0.00971	0.00583	0.00361	0.20023	0.04239	0.03038	0.00989	0.00811	0.00409
1	5	14	514	38172	0.17426	0.03080	0.03176	0.00802	0.00925	0.00311	0.20608	0.03637	0.03102	0.00731	0.00821	0.00251
1	5	15	515	11027	0.12960	0.02668	0.02414	0.00681	0.00717	0.00266	0.22479	0.04052	0.03568	0.00874	0.00989	0.00350
1	5	16	516	22538	0.06702	0.01493	0.01152	0.00350	0.00328	0.00131	0.16055	0.02595	0.02366	0.00528	0.00628	0.00191
1	5	17	517	41586	0.07530	0.01823	0.01326	0.00454	0.00385	0.00173	0.19270	0.03360	0.02948	0.00697	0.00801	0.00254
1	5	18	518	201125	0.15544	0.01889	0.02937	0.00460	0.00876	0.00162	0.24384	0.02160	0.03782	0.00427	0.01019	0.00142
1	6	1	601	16901	0.09186	0.03474	0.01604	0.00782	0.00459	0.00293	0.26509	0.07422	0.04304	0.01576	0.01205	0.00603
1	6	2	602	4623	0.11283	0.04264	0.01948	0.00920	0.00537	0.00312	0.27070	0.06298	0.04230	0.01306	0.01141	0.00491
1	6	3	603	36130	0.07558	0.02232	0.01281	0.00516	0.00357	0.00190	0.18407	0.03765	0.02811	0.00836	0.00765	0.00337
1	6	4	604	33369	0.06815	0.02044	0.01153	0.00484	0.00329	0.00188	0.18470	0.03324	0.02757	0.00693	0.00731	0.00262
1	6	5	605	45783	0.05227	0.01870	0.00859	0.00435	0.00236	0.00158	0.20976	0.03836	0.03203	0.00811	0.00858	0.00320
1	6	6	606	30579	0.09790	0.01956	0.01690	0.00441	0.00472	0.00152	0.18455	0.02798	0.02813	0.00550	0.00771	0.00209

Geographic/administrative information					Measures of food insecurity											
					Food poverty prevalence		Food poverty gap		Food poverty severity		Low kilocalorie intake prevalence		Low kilocalorie intake gap		Low kilocalorie intake severity	
Region	dcode	Ilaka	ilakaid	Total population	P0	seP0	P1	seP1	P2	seP2	K0	seK0	K1	seK1	K2	seK2
1	6	7	607	43044	0.10210	0.02017	0.01837	0.00490	0.00534	0.00184	0.20000	0.02961	0.03070	0.00690	0.00835	0.00281
1	6	8	608	31178	0.12133	0.02188	0.02117	0.00522	0.00599	0.00192	0.16548	0.02536	0.02427	0.00508	0.00638	0.00183
1	6	9	609	55482	0.06593	0.01443	0.01124	0.00342	0.00313	0.00122	0.17323	0.02744	0.02614	0.00575	0.00700	0.00215
1	6	10	610	21181	0.13034	0.02692	0.02309	0.00664	0.00654	0.00247	0.18358	0.03065	0.02797	0.00683	0.00758	0.00269
1	6	11	611	30571	0.13048	0.02612	0.02359	0.00630	0.00686	0.00236	0.16356	0.03076	0.02457	0.00587	0.00662	0.00209
1	6	12	612	26000	0.14781	0.02828	0.02683	0.00676	0.00782	0.00251	0.16528	0.02708	0.02521	0.00550	0.00693	0.00215
1	6	13	613	57754	0.14135	0.02390	0.02566	0.00635	0.00745	0.00254	0.19540	0.02790	0.02972	0.00611	0.00797	0.00230
1	6	14	614	43626	0.18870	0.03293	0.03550	0.00903	0.01062	0.00357	0.22822	0.03498	0.03570	0.00778	0.00971	0.00290
1	6	15	615	57887	0.20710	0.03218	0.03967	0.00930	0.01191	0.00372	0.19962	0.02911	0.03028	0.00606	0.00810	0.00219
1	6	16	616	116181	0.07287	0.01168	0.01224	0.00246	0.00340	0.00083	0.34937	0.03254	0.05886	0.00763	0.01642	0.00268
1	6	17	617	28454	0.11883	0.02137	0.02162	0.00523	0.00635	0.00199	0.18194	0.02445	0.02747	0.00508	0.00739	0.00198
1	6	18	618	74501	0.08651	0.01241	0.01498	0.00276	0.00425	0.00100	0.26204	0.02613	0.04125	0.00580	0.01123	0.00207
1	7	1	701	11081	0.22778	0.03071	0.04549	0.00897	0.01410	0.00375	0.30869	0.03378	0.05983	0.00953	0.01895	0.00404
1	7	2	702	8202	0.20721	0.03329	0.03979	0.00898	0.01193	0.00349	0.35742	0.03743	0.06890	0.01017	0.02139	0.00419
1	7	3	703	10486	0.24432	0.03418	0.04937	0.00973	0.01540	0.00391	0.34397	0.03017	0.06633	0.00968	0.02064	0.00447
1	7	4	704	11050	0.24346	0.03936	0.04905	0.01140	0.01520	0.00470	0.41341	0.03771	0.08284	0.01055	0.02626	0.00443
1	7	5	705	14845	0.30965	0.04469	0.06521	0.01233	0.02068	0.00504	0.41921	0.04863	0.08324	0.01451	0.02620	0.00618
1	7	6	706	5882	0.20226	0.04904	0.03830	0.01300	0.01137	0.00524	0.37827	0.05633	0.07490	0.01561	0.02372	0.00735
1	7	7	707	12152	0.21735	0.03376	0.04242	0.00927	0.01289	0.00360	0.35507	0.04261	0.06824	0.01143	0.02100	0.00459
1	7	8	708	17651	0.18466	0.03075	0.03510	0.00798	0.01056	0.00314	0.34176	0.03586	0.06495	0.00940	0.02009	0.00401
1	7	9	709	13841	0.20416	0.03365	0.04001	0.00895	0.01221	0.00347	0.33724	0.03750	0.06331	0.01026	0.01936	0.00450
1	7	10	710	17749	0.21215	0.03278	0.04138	0.00844	0.01262	0.00336	0.36291	0.03698	0.06986	0.01022	0.02162	0.00440
1	7	11	711	12019	0.24160	0.03769	0.04741	0.01014	0.01436	0.00397	0.37362	0.03789	0.07227	0.01072	0.02263	0.00458
1	7	12	712	26440	0.11526	0.01967	0.02179	0.00489	0.00659	0.00189	0.27046	0.03555	0.04874	0.00902	0.01468	0.00365
1	8	1	801	10243	0.15321	0.02991	0.02836	0.00697	0.00839	0.00267	0.26801	0.03565	0.04834	0.00881	0.01445	0.00382
1	8	2	802	9416	0.15228	0.03177	0.02785	0.00768	0.00817	0.00292	0.33241	0.03563	0.06230	0.00984	0.01885	0.00418
1	8	3	803	7908	0.21269	0.03644	0.04028	0.00948	0.01197	0.00368	0.34764	0.04180	0.06579	0.01135	0.02021	0.00493
1	8	4	804	9026	0.19586	0.03818	0.03778	0.00990	0.01136	0.00390	0.34302	0.04440	0.06444	0.01175	0.01982	0.00493
1	8	5	805	8898	0.23663	0.03970	0.04715	0.01011	0.01454	0.00376	0.38117	0.03380	0.07401	0.00868	0.02296	0.00399
1	8	6	806	7817	0.19965	0.03311	0.03858	0.00880	0.01166	0.00343	0.32035	0.03480	0.05953	0.01027	0.01800	0.00444
1	8	7	807	8078	0.21845	0.03542	0.04218	0.00908	0.01259	0.00353	0.34112	0.03834	0.06531	0.01072	0.02037	0.00475
1	8	8	808	12606	0.20575	0.03611	0.03896	0.00939	0.01160	0.00378	0.33383	0.04041	0.06274	0.01094	0.01906	0.00447
1	8	9	809	8112	0.23246	0.03814	0.04525	0.00958	0.01381	0.00382	0.36629	0.04163	0.07231	0.01148	0.02277	0.00468
1	8	10	810	9064	0.23489	0.03421	0.04512	0.00892	0.01344	0.00350	0.35540	0.03581	0.06794	0.00928	0.02087	0.00377
1	8	11	811	9665	0.23686	0.03476	0.04614	0.00934	0.01405	0.00371	0.31720	0.03719	0.05939	0.00948	0.01814	0.00407
1	9	1	901	8187	0.36216	0.05826	0.07961	0.01787	0.02605	0.00727	0.22197	0.04784	0.04166	0.01027	0.01331	0.00389
1	9	2	902	13156	0.42693	0.05454	0.09956	0.01739	0.03381	0.00755	0.30338	0.04075	0.06007	0.01049	0.01951	0.00445
1	9	3	903	10611	0.49671	0.04947	0.12415	0.01846	0.04419	0.00854	0.36680	0.03651	0.07668	0.01070	0.02548	0.00477
1	9	4	904	11941	0.38716	0.05605	0.08691	0.01661	0.02877	0.00679	0.30230	0.03800	0.05907	0.01030	0.01907	0.00461

Geographic/administrative information					Measures of food insecurity											
					Food poverty prevalence		Food poverty gap		Food poverty severity		Low kilocalorie intake prevalence		Low kilocalorie intake gap		Low kilocalorie intake severity	
Region	dcode	Ilaka	ilakaid	Total population	P0	seP0	P1	seP1	P2	seP2	K0	seK0	K1	seK1	K2	seK2
1	9	5	905	10492	0.50585	0.05674	0.13141	0.02268	0.04805	0.01084	0.36483	0.03768	0.07607	0.01182	0.02535	0.00548
1	9	6	906	26301	0.16239	0.03500	0.03055	0.00842	0.00906	0.00304	0.34889	0.04305	0.07097	0.01207	0.02321	0.00491
1	9	7	907	17521	0.48339	0.05476	0.11724	0.02002	0.04073	0.00887	0.41925	0.03587	0.08867	0.01206	0.02954	0.00577
1	9	8	908	11774	0.46445	0.05974	0.11185	0.02042	0.03874	0.00884	0.43499	0.03435	0.09447	0.01118	0.03190	0.00538
1	9	9	909	14452	0.38423	0.05428	0.08775	0.01666	0.02940	0.00686	0.37688	0.03640	0.07921	0.01149	0.02659	0.00532
1	9	10	910	17055	0.46495	0.06183	0.11264	0.02149	0.03923	0.00951	0.43449	0.03828	0.09390	0.01318	0.03167	0.00617
1	9	11	911	16732	0.36259	0.05364	0.08108	0.01728	0.02688	0.00732	0.38264	0.03637	0.08015	0.01130	0.02677	0.00498
1	10	1	1001	13111	0.38106	0.04239	0.08642	0.01364	0.02897	0.00586	0.37299	0.03584	0.07256	0.01078	0.02248	0.00453
1	10	2	1002	13591	0.29263	0.03183	0.06128	0.00950	0.01947	0.00394	0.34392	0.03519	0.06522	0.00927	0.02005	0.00369
1	10	3	1003	21726	0.29216	0.03230	0.05964	0.00923	0.01858	0.00370	0.35669	0.03133	0.06856	0.00827	0.02121	0.00346
1	10	4	1004	14830	0.22890	0.03544	0.04448	0.00901	0.01335	0.00328	0.28077	0.03819	0.05168	0.00942	0.01571	0.00376
1	10	5	1005	10949	0.22149	0.03956	0.04326	0.00959	0.01314	0.00341	0.25297	0.03842	0.04503	0.00869	0.01338	0.00322
1	10	6	1006	9937	0.25487	0.04027	0.05118	0.01100	0.01582	0.00435	0.25960	0.04094	0.04664	0.00934	0.01414	0.00370
1	10	7	1007	16102	0.14010	0.02511	0.02566	0.00596	0.00749	0.00216	0.24038	0.03129	0.04338	0.00789	0.01333	0.00346
1	10	8	1008	9918	0.19998	0.03202	0.03769	0.00723	0.01110	0.00257	0.22310	0.03566	0.03987	0.00894	0.01208	0.00364
1	10	9	1009	10493	0.18463	0.03348	0.03524	0.00830	0.01061	0.00315	0.20447	0.03316	0.03580	0.00691	0.01082	0.00272
1	10	10	1010	11948	0.22303	0.03585	0.04325	0.00909	0.01305	0.00348	0.24355	0.03900	0.04298	0.00859	0.01279	0.00310
1	10	11	1011	12916	0.29101	0.03437	0.05924	0.00956	0.01843	0.00401	0.31376	0.04171	0.05811	0.01001	0.01776	0.00383
1	10	12	1012	20404	0.26947	0.03135	0.05508	0.00897	0.01718	0.00362	0.27709	0.03376	0.05021	0.00811	0.01511	0.00317
1	10	13	1013	15300	0.31236	0.04365	0.06493	0.01234	0.02040	0.00482	0.29053	0.04495	0.05306	0.00979	0.01621	0.00363
1	11	1	1101	11377	0.30526	0.05272	0.06486	0.01531	0.02072	0.00627	0.33389	0.03964	0.06864	0.01219	0.02290	0.00565
1	11	2	1102	10513	0.29188	0.05471	0.06257	0.01603	0.02021	0.00640	0.40314	0.03204	0.08789	0.01186	0.02997	0.00631
1	11	3	1103	14507	0.48630	0.05174	0.11897	0.01905	0.04181	0.00881	0.38840	0.02882	0.08024	0.00980	0.02642	0.00463
1	11	4	1104	18365	0.52448	0.04508	0.13406	0.01696	0.04845	0.00786	0.42653	0.03152	0.09224	0.01151	0.03113	0.00560
1	11	5	1105	10903	0.49665	0.05364	0.12279	0.02052	0.04323	0.00936	0.44178	0.03309	0.09636	0.01158	0.03258	0.00570
1	11	6	1106	10816	0.41419	0.05073	0.09678	0.01713	0.03307	0.00756	0.38489	0.03560	0.08047	0.01064	0.02662	0.00486
1	11	7	1107	16129	0.37991	0.05244	0.08531	0.01653	0.02834	0.00688	0.36278	0.03284	0.07404	0.01055	0.02427	0.00475
1	11	8	1108	6975	0.36124	0.05815	0.08012	0.01833	0.02650	0.00778	0.33808	0.03647	0.06858	0.01101	0.02243	0.00512
1	11	9	1109	5534	0.37564	0.05288	0.08445	0.01738	0.02820	0.00779	0.32501	0.03677	0.06458	0.01025	0.02093	0.00473
1	12	1	1201	12197	0.24585	0.03068	0.04897	0.00815	0.01499	0.00315	0.26363	0.03405	0.04868	0.00778	0.01482	0.00288
1	12	2	1202	10772	0.27210	0.03364	0.05660	0.00983	0.01790	0.00423	0.33755	0.02990	0.06392	0.00835	0.01952	0.00362
1	12	3	1203	13989	0.20754	0.02551	0.04058	0.00704	0.01234	0.00278	0.30901	0.03394	0.05834	0.00937	0.01792	0.00383
1	12	4	1204	12465	0.24277	0.03076	0.04843	0.00932	0.01492	0.00389	0.34841	0.03069	0.06563	0.00848	0.02016	0.00357
1	12	5	1205	9472	0.28989	0.03222	0.06059	0.01038	0.01925	0.00468	0.37911	0.03632	0.07410	0.01064	0.02340	0.00465
1	12	6	1206	13250	0.25728	0.02704	0.05078	0.00707	0.01543	0.00273	0.32410	0.03229	0.06153	0.00885	0.01905	0.00368
1	12	7	1207	14336	0.28084	0.02973	0.05770	0.00845	0.01808	0.00362	0.29683	0.03279	0.05523	0.00849	0.01700	0.00352
1	12	8	1208	18613	0.35452	0.03457	0.07776	0.01138	0.02547	0.00508	0.34027	0.02986	0.06478	0.00854	0.01999	0.00358
1	12	9	1209	18550	0.36307	0.03956	0.08041	0.01278	0.02643	0.00545	0.39525	0.03090	0.07834	0.00962	0.02466	0.00426
1	12	10	1210	11062	0.33089	0.04491	0.07164	0.01371	0.02319	0.00561	0.37756	0.03336	0.07391	0.01007	0.02325	0.00464

Geographic/administrative information					Measures of food insecurity											
					Food poverty prevalence		Food poverty gap		Food poverty severity		Low kilocalorie intake prevalence		Low kilocalorie intake gap		Low kilocalorie intake severity	
Region	dcode	Ilaka	ilakaid	Total population	P0	seP0	P1	seP1	P2	seP2	K0	seK0	K1	seK1	K2	seK2
1	12	11	1211	12118	0.30549	0.03636	0.06379	0.01093	0.02012	0.00444	0.34667	0.03076	0.06736	0.00834	0.02103	0.00356
1	13	1	1301	14455	0.32588	0.03555	0.07061	0.01088	0.02299	0.00457	0.36466	0.03579	0.07207	0.01062	0.02261	0.00439
1	13	2	1302	11398	0.35151	0.04116	0.07719	0.01242	0.02523	0.00524	0.38050	0.03677	0.07471	0.01029	0.02340	0.00428
1	13	3	1303	12088	0.29841	0.03493	0.06104	0.00966	0.01905	0.00383	0.33652	0.03758	0.06499	0.01044	0.02037	0.00431
1	13	4	1304	10507	0.32513	0.03597	0.06930	0.01061	0.02228	0.00436	0.35768	0.03146	0.06910	0.00932	0.02148	0.00430
1	13	5	1305	11597	0.30763	0.03504	0.06434	0.01066	0.02025	0.00445	0.36800	0.03516	0.07013	0.00931	0.02138	0.00387
1	13	6	1306	15930	0.33703	0.03990	0.07209	0.01191	0.02313	0.00477	0.36334	0.03770	0.07015	0.01004	0.02183	0.00409
1	13	7	1307	28317	0.18617	0.02362	0.03502	0.00594	0.01042	0.00224	0.32666	0.03066	0.06154	0.00826	0.01891	0.00343
1	13	8	1308	16897	0.29236	0.03221	0.06185	0.01044	0.01996	0.00469	0.40533	0.03129	0.08112	0.00999	0.02575	0.00445
1	13	9	1309	18053	0.24784	0.02867	0.04926	0.00762	0.01519	0.00301	0.30686	0.03122	0.05718	0.00857	0.01747	0.00346
1	13	10	1310	14819	0.26337	0.03491	0.05274	0.00929	0.01614	0.00361	0.31763	0.02904	0.05974	0.00766	0.01825	0.00317
1	13	11	1311	19102	0.30643	0.02829	0.06430	0.00807	0.02051	0.00330	0.37163	0.03381	0.07211	0.00948	0.02239	0.00390
1	13	12	1312	16827	0.32728	0.03427	0.06879	0.01052	0.02181	0.00436	0.35009	0.03542	0.06820	0.00973	0.02149	0.00408
1	13	13	1313	15235	0.34177	0.03857	0.07358	0.01107	0.02371	0.00453	0.33857	0.03356	0.06502	0.00885	0.02020	0.00359
1	14	1	1401	42386	0.18053	0.03940	0.03405	0.00910	0.01015	0.00335	0.27515	0.03414	0.05072	0.00911	0.01560	0.00414
1	14	2	1402	31570	0.16789	0.03211	0.03231	0.00780	0.00976	0.00292	0.34253	0.03478	0.06494	0.00960	0.01993	0.00411
1	14	3	1403	26347	0.15646	0.03322	0.02916	0.00791	0.00864	0.00288	0.31325	0.03148	0.05936	0.00875	0.01855	0.00394
1	14	4	1404	3864	0.32705	0.06705	0.07023	0.01981	0.02258	0.00852	0.41352	0.05902	0.08180	0.01770	0.02545	0.00766
1	14	5	1405	14970	0.39332	0.04235	0.08789	0.01350	0.02899	0.00580	0.46969	0.03368	0.09799	0.01099	0.03139	0.00499
1	14	6	1406	9812	0.41641	0.04558	0.09479	0.01487	0.03162	0.00642	0.39808	0.03773	0.07848	0.01113	0.02471	0.00480
1	14	7	1407	15041	0.36166	0.04987	0.07960	0.01539	0.02607	0.00658	0.42655	0.04447	0.08745	0.01535	0.02805	0.00684
1	14	8	1408	14562	0.36441	0.04143	0.07827	0.01241	0.02509	0.00498	0.39008	0.03602	0.07536	0.01051	0.02336	0.00440
1	14	9	1409	24981	0.23609	0.04295	0.04718	0.01030	0.01463	0.00381	0.28049	0.04476	0.05064	0.01084	0.01515	0.00426
1	14	10	1410	46141	0.19871	0.03213	0.03988	0.00789	0.01239	0.00294	0.35153	0.03293	0.06802	0.00947	0.02127	0.00407
1	14	11	1411	15755	0.38475	0.03713	0.08580	0.01145	0.02826	0.00482	0.42873	0.03267	0.08672	0.00972	0.02768	0.00420
1	14	12	1412	70000	0.11609	0.02437	0.02066	0.00626	0.00595	0.00251	0.33365	0.04102	0.06248	0.01119	0.01904	0.00444
1	15	1	1501	30588	0.18261	0.02732	0.03384	0.00706	0.00992	0.00265	0.19980	0.02817	0.03095	0.00633	0.00839	0.00241
1	15	2	1502	31221	0.16922	0.02386	0.03127	0.00615	0.00913	0.00229	0.19267	0.02642	0.02916	0.00526	0.00776	0.00182
1	15	3	1503	36043	0.14490	0.01997	0.02637	0.00521	0.00763	0.00203	0.20369	0.02737	0.03125	0.00560	0.00832	0.00206
1	15	4	1504	33779	0.13335	0.01861	0.02423	0.00475	0.00705	0.00180	0.18973	0.02429	0.02918	0.00485	0.00794	0.00191
1	15	5	1505	35779	0.16547	0.02139	0.03033	0.00556	0.00886	0.00211	0.19528	0.02460	0.02979	0.00497	0.00807	0.00183
1	15	6	1506	40812	0.19534	0.02753	0.03651	0.00735	0.01075	0.00280	0.19045	0.02843	0.02890	0.00581	0.00772	0.00210
1	15	7	1507	38940	0.20916	0.02416	0.03993	0.00692	0.01195	0.00270	0.18970	0.02776	0.02852	0.00520	0.00762	0.00184
1	15	8	1508	33867	0.20207	0.03046	0.03817	0.00817	0.01137	0.00313	0.18867	0.02613	0.02915	0.00576	0.00801	0.00215
1	15	9	1509	30764	0.16541	0.02376	0.03021	0.00630	0.00873	0.00241	0.19073	0.02749	0.02894	0.00546	0.00773	0.00207
1	15	10	1510	14460	0.17789	0.03288	0.03278	0.00845	0.00955	0.00322	0.17786	0.03076	0.02692	0.00656	0.00727	0.00241
1	15	11	1511	28673	0.16552	0.02817	0.03026	0.00706	0.00883	0.00264	0.19352	0.02952	0.02954	0.00620	0.00793	0.00226
1	15	12	1512	42542	0.21296	0.02397	0.04029	0.00600	0.01190	0.00226	0.17422	0.02498	0.02643	0.00500	0.00722	0.00186
1	15	13	1513	35974	0.19178	0.02673	0.03579	0.00662	0.01058	0.00246	0.17086	0.02575	0.02573	0.00480	0.00699	0.00160

Geographic/administrative information					Measures of food insecurity											
					Food poverty prevalence		Food poverty gap		Food poverty severity		Low kilocalorie intake prevalence		Low kilocalorie intake gap		Low kilocalorie intake severity	
Region	dcode	Ilaka	ilakaid	Total population	P0	seP0	P1	seP1	P2	seP2	K0	seK0	K1	seK1	K2	seK2
1	15	14	1514	40654	0.16129	0.02061	0.02950	0.00517	0.00856	0.00195	0.18241	0.02443	0.02781	0.00500	0.00751	0.00172
1	15	15	1515	39687	0.22680	0.02698	0.04355	0.00710	0.01305	0.00270	0.20065	0.02487	0.03088	0.00488	0.00836	0.00171
1	15	16	1516	41492	0.19447	0.02183	0.03635	0.00549	0.01075	0.00212	0.16054	0.02137	0.02405	0.00417	0.00650	0.00154
1	15	17	1517	44831	0.14683	0.01874	0.02684	0.00510	0.00788	0.00202	0.17875	0.02472	0.02701	0.00470	0.00722	0.00163
1	15	18	1518	37738	0.17111	0.02726	0.03223	0.00711	0.00956	0.00269	0.15155	0.02783	0.02245	0.00540	0.00592	0.00204
1	16	1	1601	28648	0.14832	0.02375	0.02676	0.00586	0.00774	0.00224	0.20541	0.02864	0.03161	0.00611	0.00855	0.00218
1	16	2	1602	21272	0.15252	0.02484	0.02748	0.00595	0.00796	0.00214	0.16549	0.02618	0.02486	0.00570	0.00670	0.00214
1	16	3	1603	40537	0.17840	0.02823	0.03272	0.00694	0.00950	0.00258	0.17055	0.02571	0.02540	0.00479	0.00673	0.00166
1	16	4	1604	27262	0.14121	0.02757	0.02499	0.00628	0.00714	0.00223	0.23892	0.03866	0.03729	0.00808	0.00997	0.00282
1	16	5	1605	37397	0.19240	0.02225	0.03620	0.00587	0.01079	0.00228	0.18981	0.02494	0.02901	0.00495	0.00784	0.00177
1	16	6	1606	32612	0.18847	0.02545	0.03481	0.00674	0.01022	0.00261	0.16262	0.02407	0.02421	0.00449	0.00647	0.00156
1	16	7	1607	29752	0.21325	0.02898	0.03965	0.00716	0.01164	0.00261	0.19071	0.02885	0.02859	0.00512	0.00761	0.00185
1	16	8	1608	46682	0.12083	0.02141	0.02140	0.00495	0.00616	0.00179	0.19417	0.02336	0.03010	0.00500	0.00820	0.00197
1	16	9	1609	41392	0.21163	0.02592	0.04021	0.00711	0.01197	0.00282	0.16804	0.02654	0.02554	0.00524	0.00696	0.00182
1	16	10	1610	35906	0.20177	0.02803	0.03763	0.00700	0.01107	0.00262	0.18155	0.02441	0.02756	0.00508	0.00743	0.00179
1	16	11	1611	30121	0.14665	0.02077	0.02632	0.00465	0.00755	0.00171	0.19297	0.02674	0.02961	0.00601	0.00800	0.00225
1	16	12	1612	30509	0.15977	0.02211	0.02887	0.00545	0.00833	0.00209	0.18664	0.02344	0.02830	0.00507	0.00759	0.00188
1	16	13	1613	20599	0.14304	0.02810	0.02572	0.00622	0.00743	0.00227	0.15644	0.02749	0.02354	0.00569	0.00632	0.00208
1	16	14	1614	16004	0.15507	0.03032	0.02837	0.00712	0.00830	0.00261	0.16672	0.03195	0.02479	0.00646	0.00657	0.00237
1	16	15	1615	42351	0.14532	0.02237	0.02625	0.00561	0.00763	0.00214	0.18718	0.02345	0.02831	0.00483	0.00762	0.00187
1	16	16	1616	49665	0.15130	0.02371	0.02754	0.00569	0.00798	0.00208	0.19056	0.02850	0.02921	0.00604	0.00804	0.00232
1	16	17	1617	42823	0.15825	0.02167	0.02904	0.00540	0.00849	0.00209	0.16836	0.02335	0.02562	0.00495	0.00701	0.00203
1	16	18	1618	33653	0.18272	0.02457	0.03465	0.00716	0.01039	0.00287	0.20125	0.03340	0.03044	0.00661	0.00815	0.00245
1	16	19	1619	28442	0.25435	0.04067	0.05184	0.01197	0.01624	0.00470	0.16535	0.03645	0.02456	0.00706	0.00654	0.00242
2	17	1	1701	36586	0.22373	0.02525	0.04778	0.00720	0.01573	0.00304	0.21262	0.02311	0.03705	0.00569	0.01120	0.00239
2	17	2	1702	52733	0.20055	0.02151	0.04243	0.00619	0.01401	0.00271	0.17646	0.02048	0.02971	0.00479	0.00880	0.00198
2	17	3	1703	42469	0.19954	0.02198	0.04199	0.00635	0.01381	0.00263	0.18648	0.01820	0.03200	0.00452	0.00965	0.00198
2	17	4	1704	32657	0.18838	0.02109	0.03887	0.00619	0.01257	0.00267	0.22485	0.02182	0.03942	0.00566	0.01182	0.00255
2	17	5	1705	30910	0.18550	0.02659	0.03855	0.00752	0.01264	0.00309	0.19985	0.02394	0.03438	0.00596	0.01037	0.00260
2	17	6	1706	47893	0.17963	0.02264	0.03711	0.00627	0.01208	0.00265	0.19442	0.02266	0.03326	0.00506	0.00994	0.00219
2	17	7	1707	34770	0.17031	0.02957	0.03502	0.00898	0.01146	0.00387	0.26028	0.02921	0.04591	0.00761	0.01390	0.00353
2	17	8	1708	62228	0.17220	0.02109	0.03536	0.00562	0.01151	0.00240	0.23444	0.02861	0.04061	0.00701	0.01214	0.00280
2	17	9	1709	39891	0.17525	0.02206	0.03607	0.00629	0.01166	0.00265	0.19380	0.02109	0.03289	0.00530	0.00982	0.00222
2	17	10	1710	44533	0.18544	0.02111	0.03854	0.00593	0.01262	0.00256	0.19881	0.02024	0.03400	0.00484	0.01014	0.00203
2	17	11	1711	25518	0.18491	0.02713	0.03840	0.00800	0.01263	0.00339	0.20896	0.02935	0.03615	0.00667	0.01088	0.00269
2	17	12	1712	29889	0.21687	0.02963	0.04585	0.00851	0.01507	0.00378	0.20331	0.03218	0.03500	0.00736	0.01055	0.00305
2	17	13	1713	13592	0.15075	0.03089	0.03134	0.00894	0.01038	0.00386	0.19442	0.03669	0.03354	0.00923	0.00997	0.00378
2	17	14	1714	17451	0.17571	0.03353	0.03624	0.00962	0.01188	0.00417	0.21956	0.02924	0.03796	0.00770	0.01146	0.00355
2	17	15	1715	45283	0.15313	0.02088	0.03052	0.00561	0.00970	0.00230	0.22170	0.02336	0.03811	0.00620	0.01129	0.00273

Geographic/administrative information					Measures of food insecurity											
					Food poverty prevalence		Food poverty gap		Food poverty severity		Low kilocalorie intake prevalence		Low kilocalorie intake gap		Low kilocalorie intake severity	
Region	dcode	Ilaka	ilakaid	Total population	P0	seP0	P1	seP1	P2	seP2	K0	seK0	K1	seK1	K2	seK2
2	17	16	1716	56408	0.15217	0.01925	0.03082	0.00517	0.00990	0.00214	0.23982	0.02825	0.04137	0.00683	0.01226	0.00283
2	17	17	1717	46222	0.13319	0.01939	0.02635	0.00505	0.00839	0.00218	0.26199	0.03510	0.04613	0.00798	0.01381	0.00316
2	17	18	1718	97776	0.20871	0.02162	0.04523	0.00625	0.01518	0.00261	0.20771	0.02405	0.03576	0.00563	0.01078	0.00230
2	18	1	1801	50552	0.12910	0.01878	0.02545	0.00513	0.00809	0.00213	0.25321	0.03415	0.04400	0.00839	0.01313	0.00335
2	18	2	1802	38938	0.20293	0.02718	0.04287	0.00782	0.01420	0.00341	0.22824	0.02718	0.03963	0.00624	0.01191	0.00243
2	18	3	1803	37108	0.19344	0.02768	0.04051	0.00808	0.01337	0.00341	0.20610	0.02199	0.03513	0.00547	0.01051	0.00248
2	18	4	1804	41699	0.17026	0.02258	0.03523	0.00635	0.01148	0.00274	0.19286	0.02561	0.03310	0.00624	0.00993	0.00273
2	18	5	1805	37902	0.20917	0.02953	0.04426	0.00852	0.01460	0.00356	0.20088	0.02504	0.03418	0.00575	0.01008	0.00230
2	18	6	1806	16349	0.17170	0.02765	0.03529	0.00787	0.01147	0.00348	0.20472	0.02536	0.03500	0.00639	0.01032	0.00257
2	18	7	1807	41337	0.23392	0.03089	0.05102	0.01003	0.01722	0.00452	0.22453	0.03026	0.03799	0.00719	0.01109	0.00287
2	18	8	1808	35247	0.19878	0.02436	0.04151	0.00702	0.01358	0.00295	0.18058	0.02310	0.03045	0.00533	0.00904	0.00221
2	18	9	1809	42694	0.21085	0.02636	0.04431	0.00794	0.01450	0.00350	0.20881	0.02190	0.03568	0.00609	0.01066	0.00283
2	18	10	1810	51304	0.20267	0.02748	0.04214	0.00776	0.01369	0.00317	0.25194	0.02647	0.04383	0.00688	0.01304	0.00293
2	18	11	1811	46845	0.17839	0.02239	0.03682	0.00622	0.01202	0.00262	0.25212	0.02740	0.04466	0.00742	0.01365	0.00316
2	18	12	1812	36112	0.23273	0.03058	0.05052	0.00945	0.01705	0.00422	0.21925	0.02797	0.03780	0.00685	0.01137	0.00292
2	18	13	1813	42258	0.24586	0.02964	0.05303	0.00929	0.01770	0.00399	0.22034	0.02670	0.03800	0.00649	0.01139	0.00272
2	18	14	1814	40566	0.20759	0.02500	0.04427	0.00703	0.01474	0.00299	0.19755	0.02500	0.03359	0.00611	0.00998	0.00249
2	18	15	1815	42763	0.22672	0.02596	0.04856	0.00785	0.01611	0.00334	0.19483	0.02430	0.03329	0.00561	0.00993	0.00233
2	18	16	1816	23533	0.26605	0.03737	0.06163	0.01289	0.02161	0.00609	0.22001	0.03692	0.03810	0.00888	0.01150	0.00373
2	19	1	1901	45324	0.13351	0.01958	0.02646	0.00510	0.00840	0.00211	0.22399	0.02758	0.03855	0.00695	0.01139	0.00276
2	19	2	1902	47376	0.15711	0.02294	0.03107	0.00665	0.00984	0.00284	0.24861	0.02996	0.04350	0.00754	0.01318	0.00329
2	19	3	1903	49238	0.23725	0.02827	0.05087	0.00837	0.01682	0.00357	0.24128	0.03126	0.04178	0.00708	0.01256	0.00275
2	19	4	1904	52389	0.13302	0.02385	0.02685	0.00648	0.00866	0.00273	0.24539	0.03147	0.04255	0.00760	0.01249	0.00277
2	19	5	1905	37529	0.20396	0.02757	0.04297	0.00830	0.01408	0.00365	0.26083	0.02760	0.04537	0.00656	0.01361	0.00275
2	19	6	1906	35423	0.23619	0.02751	0.05013	0.00812	0.01645	0.00345	0.23995	0.02902	0.04144	0.00721	0.01238	0.00292
2	19	7	1907	53615	0.19846	0.02338	0.04124	0.00649	0.01345	0.00282	0.22448	0.02357	0.03822	0.00576	0.01144	0.00247
2	19	8	1908	30889	0.22680	0.02672	0.04766	0.00810	0.01559	0.00358	0.25099	0.02435	0.04346	0.00605	0.01294	0.00261
2	19	9	1909	40104	0.23996	0.02493	0.05130	0.00745	0.01705	0.00335	0.22071	0.02563	0.03771	0.00593	0.01121	0.00245
2	19	10	1910	62678	0.18343	0.02178	0.03794	0.00655	0.01232	0.00283	0.24720	0.02323	0.04336	0.00636	0.01299	0.00283
2	19	11	1911	34089	0.22866	0.02874	0.04871	0.00825	0.01617	0.00346	0.23793	0.02584	0.04096	0.00666	0.01219	0.00270
2	19	12	1912	40595	0.25207	0.02597	0.05396	0.00803	0.01776	0.00354	0.25690	0.02704	0.04482	0.00701	0.01337	0.00285
2	19	13	1913	38298	0.24805	0.02661	0.05407	0.00775	0.01808	0.00333	0.22166	0.02334	0.03823	0.00564	0.01127	0.00229
2	19	14	1914	49413	0.20016	0.02835	0.04235	0.00811	0.01398	0.00339	0.23992	0.02499	0.04197	0.00604	0.01265	0.00258
2	19	15	1915	43649	0.28366	0.03184	0.06334	0.00964	0.02148	0.00418	0.25193	0.02498	0.04368	0.00607	0.01300	0.00266
2	19	16	1916	36519	0.27562	0.03318	0.05980	0.01015	0.01985	0.00437	0.23756	0.02843	0.04084	0.00665	0.01216	0.00268
2	19	17	1917	47100	0.25467	0.02621	0.05577	0.00826	0.01876	0.00379	0.21418	0.02773	0.03695	0.00650	0.01104	0.00264
2	19	18	1918	25102	0.25946	0.03315	0.05793	0.01012	0.01976	0.00438	0.23327	0.03484	0.04035	0.00823	0.01209	0.00342
2	20	1	2001	11650	0.45544	0.04546	0.11855	0.01641	0.04421	0.00775	0.41220	0.03390	0.08952	0.01068	0.03039	0.00512
2	20	2	2002	10413	0.40679	0.03540	0.10312	0.01399	0.03796	0.00708	0.42203	0.03887	0.09322	0.01097	0.03238	0.00490

Geographic/administrative information					Measures of food insecurity											
					Food poverty prevalence		Food poverty gap		Food poverty severity		Low kilocalorie intake prevalence		Low kilocalorie intake gap		Low kilocalorie intake severity	
Region	dcode	Ilaka	ilakaid	Total population	P0	seP0	P1	seP1	P2	seP2	K0	seK0	K1	seK1	K2	seK2
2	20	3	2003	36197	0.29008	0.03548	0.06743	0.01038	0.02352	0.00431	0.39330	0.02681	0.08512	0.00795	0.02898	0.00370
2	20	4	2004	27597	0.28819	0.03131	0.06717	0.01078	0.02355	0.00482	0.38583	0.02428	0.08366	0.00774	0.02871	0.00376
2	20	5	2005	11010	0.43978	0.03830	0.11468	0.01494	0.04284	0.00737	0.39955	0.03800	0.08681	0.01150	0.02992	0.00528
2	20	6	2006	10125	0.30990	0.03153	0.07393	0.01090	0.02621	0.00525	0.39077	0.03344	0.08482	0.01016	0.02901	0.00474
2	20	7	2007	21294	0.25717	0.04151	0.05759	0.01302	0.01965	0.00566	0.28917	0.03602	0.05902	0.00964	0.01989	0.00451
2	20	8	2008	16591	0.24783	0.03378	0.05528	0.01132	0.01884	0.00525	0.39604	0.03393	0.08574	0.01087	0.02919	0.00514
2	20	9	2009	13296	0.31874	0.04763	0.07548	0.01573	0.02660	0.00734	0.35484	0.04122	0.07627	0.01338	0.02626	0.00677
2	20	10	2010	21473	0.27420	0.03315	0.06357	0.01082	0.02219	0.00486	0.30787	0.03133	0.06422	0.00792	0.02164	0.00324
2	20	11	2011	13761	0.43715	0.04388	0.11254	0.01615	0.04176	0.00769	0.42625	0.03706	0.09456	0.01215	0.03264	0.00568
2	20	12	2012	23256	0.31803	0.04420	0.07561	0.01564	0.02682	0.00729	0.35434	0.03404	0.07512	0.01069	0.02548	0.00534
2	20	13	2013	37097	0.29324	0.04101	0.06707	0.01208	0.02314	0.00508	0.36471	0.03201	0.07757	0.00969	0.02646	0.00453
2	20	14	2014	39413	0.16047	0.02824	0.03383	0.00811	0.01117	0.00354	0.34135	0.04346	0.07100	0.01408	0.02389	0.00668
2	21	1	2101	13409	0.25902	0.02781	0.05808	0.00840	0.01984	0.00359	0.32229	0.02859	0.06665	0.00846	0.02231	0.00395
2	21	2	2102	15163	0.28219	0.03229	0.06498	0.01059	0.02267	0.00480	0.28910	0.02549	0.05887	0.00726	0.01961	0.00347
2	21	3	2103	14986	0.29361	0.03310	0.06720	0.01129	0.02332	0.00509	0.37266	0.02920	0.07946	0.00905	0.02706	0.00415
2	21	4	2104	19611	0.29717	0.03101	0.06807	0.01065	0.02351	0.00492	0.29713	0.03101	0.06023	0.00828	0.02000	0.00361
2	21	5	2105	17451	0.32336	0.03215	0.07693	0.01040	0.02724	0.00482	0.31666	0.02770	0.06559	0.00777	0.02195	0.00336
2	21	6	2106	19229	0.27529	0.02767	0.06339	0.00996	0.02202	0.00477	0.32346	0.02813	0.06753	0.00817	0.02285	0.00398
2	21	7	2107	24580	0.26182	0.03027	0.05952	0.00936	0.02053	0.00424	0.35872	0.02577	0.07618	0.00770	0.02580	0.00365
2	21	8	2108	15579	0.31253	0.03277	0.07341	0.01103	0.02584	0.00497	0.30662	0.02587	0.06345	0.00801	0.02148	0.00380
2	21	9	2109	20885	0.28798	0.03210	0.06640	0.01073	0.02310	0.00509	0.31681	0.02639	0.06515	0.00767	0.02177	0.00362
2	21	10	2110	25714	0.28892	0.02506	0.06623	0.00784	0.02292	0.00355	0.32004	0.02578	0.06651	0.00742	0.02231	0.00339
2	21	11	2111	14816	0.26371	0.03604	0.05916	0.01138	0.02030	0.00504	0.24120	0.03305	0.04745	0.00834	0.01561	0.00363
2	22	1	2201	9616	0.43215	0.04616	0.11526	0.01804	0.04409	0.00892	0.35050	0.02939	0.07986	0.01105	0.02898	0.00573
2	22	2	2202	20635	0.36123	0.04196	0.09059	0.01441	0.03331	0.00677	0.34076	0.02642	0.07611	0.00949	0.02721	0.00505
2	22	3	2203	14175	0.33568	0.04097	0.08177	0.01463	0.02958	0.00696	0.35469	0.02898	0.08010	0.00983	0.02891	0.00502
2	22	4	2204	12563	0.33097	0.04539	0.08004	0.01645	0.02887	0.00764	0.32886	0.02482	0.07331	0.00964	0.02623	0.00520
2	22	5	2205	14313	0.35741	0.04278	0.08793	0.01431	0.03185	0.00637	0.36508	0.02611	0.08323	0.00952	0.03017	0.00527
2	22	6	2206	20210	0.38126	0.03985	0.09514	0.01446	0.03473	0.00670	0.33799	0.02787	0.07583	0.00958	0.02721	0.00482
2	22	7	2207	17248	0.36981	0.04564	0.09313	0.01604	0.03417	0.00727	0.33403	0.02484	0.07465	0.00964	0.02673	0.00509
2	22	8	2208	8962	0.32847	0.04554	0.07964	0.01558	0.02849	0.00715	0.31317	0.03068	0.06919	0.01071	0.02471	0.00533
2	22	9	2209	10878	0.34839	0.04820	0.08580	0.01555	0.03097	0.00700	0.32960	0.02677	0.07294	0.00947	0.02597	0.00484
2	22	10	2210	19514	0.48049	0.04000	0.13094	0.01577	0.05038	0.00795	0.38597	0.03008	0.08838	0.01103	0.03176	0.00560
2	22	11	2211	14448	0.41934	0.04195	0.10875	0.01524	0.04067	0.00706	0.34241	0.02293	0.07780	0.00897	0.02831	0.00471
2	22	12	2212	22537	0.12728	0.02777	0.02545	0.00702	0.00817	0.00287	0.30466	0.03379	0.06862	0.01199	0.02497	0.00621
2	23	1	2301	25094	0.40801	0.04475	0.10627	0.01673	0.03995	0.00787	0.38956	0.02589	0.09019	0.01000	0.03303	0.00554
2	23	2	2302	26127	0.32746	0.04283	0.07996	0.01441	0.02892	0.00653	0.34965	0.02518	0.07854	0.00913	0.02823	0.00483
2	23	3	2303	21050	0.37983	0.04437	0.09692	0.01569	0.03603	0.00716	0.34239	0.02942	0.07740	0.00926	0.02798	0.00431
2	23	4	2304	19073	0.31776	0.04302	0.07609	0.01420	0.02705	0.00638	0.31535	0.02787	0.06994	0.00852	0.02488	0.00412

Geographic/administrative information					Measures of food insecurity											
					Food poverty prevalence		Food poverty gap		Food poverty severity		Low kilocalorie intake prevalence		Low kilocalorie intake gap		Low kilocalorie intake severity	
Region	dcode	Ilaka	ilakaid	Total population	P0	seP0	P1	seP1	P2	seP2	K0	seK0	K1	seK1	K2	seK2
2	23	5	2305	19826	0.30550	0.03806	0.07305	0.01196	0.02607	0.00515	0.30910	0.02252	0.06879	0.00814	0.02477	0.00434
2	23	6	2306	26880	0.38580	0.04104	0.09758	0.01508	0.03593	0.00711	0.36522	0.02850	0.08325	0.00892	0.03020	0.00444
2	23	7	2307	17977	0.49665	0.04481	0.13746	0.01925	0.05349	0.00966	0.38136	0.02860	0.08735	0.01041	0.03164	0.00533
2	23	8	2308	23360	0.33747	0.04108	0.08268	0.01353	0.02996	0.00599	0.33826	0.02498	0.07600	0.00857	0.02734	0.00437
2	23	9	2309	26359	0.35778	0.04199	0.08707	0.01462	0.03130	0.00653	0.35728	0.02166	0.08132	0.00809	0.02937	0.00439
2	23	10	2310	24823	0.35300	0.04265	0.08687	0.01498	0.03163	0.00700	0.37097	0.02725	0.08479	0.00985	0.03070	0.00510
2	23	11	2311	18291	0.40003	0.04018	0.10278	0.01469	0.03819	0.00717	0.34339	0.02628	0.07741	0.00946	0.02779	0.00471
2	23	12	2312	17637	0.40410	0.04783	0.10464	0.01734	0.03902	0.00819	0.35516	0.02752	0.08091	0.00942	0.02937	0.00508
2	23	13	2313	19273	0.35906	0.03929	0.08867	0.01398	0.03218	0.00643	0.35140	0.02358	0.07809	0.00984	0.02767	0.00525
2	24	1	2401	29144	0.44680	0.03083	0.11598	0.01288	0.04311	0.00634	0.48763	0.02779	0.11372	0.01054	0.04036	0.00505
2	24	2	2402	24655	0.26111	0.02493	0.05902	0.00858	0.02031	0.00390	0.34912	0.02532	0.07331	0.00842	0.02488	0.00403
2	24	3	2403	20759	0.31362	0.03803	0.07400	0.01259	0.02604	0.00556	0.34774	0.02964	0.07323	0.00870	0.02470	0.00387
2	24	4	2404	33671	0.27802	0.02580	0.06403	0.00810	0.02233	0.00364	0.33801	0.02586	0.07021	0.00736	0.02352	0.00341
2	24	5	2405	25034	0.18722	0.02660	0.03945	0.00773	0.01303	0.00332	0.31183	0.02505	0.06377	0.00758	0.02143	0.00375
2	24	6	2406	24638	0.25973	0.02469	0.05942	0.00847	0.02067	0.00394	0.31898	0.02680	0.06495	0.00814	0.02148	0.00371
2	24	7	2407	13533	0.46815	0.03995	0.12450	0.01536	0.04712	0.00758	0.54172	0.03095	0.13112	0.01142	0.04759	0.00583
2	24	8	2408	14575	0.16658	0.02482	0.03444	0.00710	0.01128	0.00306	0.29507	0.03110	0.05946	0.00888	0.01976	0.00382
2	24	9	2409	13132	0.15672	0.02411	0.03200	0.00625	0.01042	0.00255	0.28679	0.03195	0.05759	0.00871	0.01918	0.00390
2	24	10	2410	14039	0.11005	0.02577	0.02165	0.00694	0.00692	0.00312	0.30906	0.03584	0.06370	0.00948	0.02158	0.00439
2	24	11	2411	49325	0.18141	0.02227	0.03893	0.00695	0.01305	0.00315	0.33473	0.03135	0.07017	0.00840	0.02391	0.00390
2	24	12	2412	29694	0.15134	0.02573	0.03076	0.00711	0.00989	0.00297	0.33333	0.03513	0.06888	0.01114	0.02313	0.00521
2	24	13	2413	15279	0.18208	0.02345	0.03764	0.00676	0.01225	0.00294	0.32792	0.02863	0.06771	0.00874	0.02266	0.00405
2	24	14	2414	15927	0.24201	0.02840	0.05452	0.00861	0.01870	0.00377	0.31754	0.02668	0.06672	0.00864	0.02257	0.00402
2	24	15	2415	12997	0.19399	0.02398	0.04167	0.00728	0.01388	0.00320	0.30502	0.02392	0.06210	0.00740	0.02076	0.00372
2	24	16	2416	24764	0.10424	0.02357	0.02015	0.00653	0.00635	0.00285	0.35508	0.03592	0.07435	0.00954	0.02510	0.00450
2	24	17	2417	1716	0.12253	0.02263	0.02445	0.00634	0.00780	0.00269	0.34779	0.03097	0.07283	0.01043	0.02462	0.00519
2	24	18	2418	12339	0.09788	0.01985	0.01864	0.00509	0.00579	0.00196	0.31370	0.03324	0.06419	0.00952	0.02147	0.00439
2	25	1	2501	29813	0.08920	0.02529	0.01742	0.00660	0.00558	0.00277	0.38818	0.04184	0.08274	0.01315	0.02828	0.00619
2	25	2	2502	10893	0.07807	0.02447	0.01550	0.00640	0.00500	0.00264	0.29935	0.04293	0.05931	0.01084	0.01952	0.00486
2	25	3	2503	22764	0.08189	0.01742	0.01546	0.00433	0.00474	0.00179	0.34541	0.04033	0.07129	0.01164	0.02377	0.00520
2	25	4	2504	18997	0.08324	0.02134	0.01631	0.00550	0.00522	0.00243	0.36945	0.04016	0.07876	0.01342	0.02704	0.00671
2	25	5	2505	27327	0.10258	0.02979	0.01977	0.00733	0.00612	0.00277	0.38063	0.03723	0.08162	0.01198	0.02791	0.00583
2	25	6	2506	6147	0.07589	0.03386	0.01482	0.00904	0.00471	0.00384	0.31428	0.05824	0.06469	0.01829	0.02170	0.00840
2	25	7	2507	10136	0.07937	0.02968	0.01561	0.00771	0.00503	0.00324	0.33161	0.05468	0.06758	0.01485	0.02219	0.00646
2	25	8	2508	18562	0.08807	0.02549	0.01721	0.00682	0.00557	0.00292	0.27804	0.03780	0.05575	0.01157	0.01833	0.00561
2	25	9	2509	24818	0.09213	0.01572	0.01830	0.00423	0.00590	0.00180	0.28679	0.02664	0.05872	0.00830	0.01993	0.00400
2	25	10	2510	36646	0.14094	0.01773	0.02943	0.00469	0.00978	0.00202	0.32904	0.02603	0.06758	0.00748	0.02254	0.00346
2	25	11	2511	12931	0.23457	0.02528	0.05155	0.00798	0.01748	0.00366	0.36390	0.02571	0.07749	0.00769	0.02641	0.00376
2	25	12	2512	8050	0.28093	0.03556	0.06521	0.01121	0.02290	0.00517	0.37876	0.03032	0.08033	0.00844	0.02722	0.00384

Geographic/administrative information					Measures of food insecurity											
					Food poverty prevalence		Food poverty gap		Food poverty severity		Low kilocalorie intake prevalence		Low kilocalorie intake gap		Low kilocalorie intake severity	
Region	dcode	Ilaka	ilakaid	Total population	P0	seP0	P1	seP1	P2	seP2	K0	seK0	K1	seK1	K2	seK2
2	25	13	2513	9720	0.31187	0.03224	0.07402	0.01070	0.02618	0.00498	0.39892	0.02434	0.08733	0.00809	0.03008	0.00422
2	25	14	2514	220802	0.17161	0.01621	0.03625	0.00440	0.01203	0.00178	0.44213	0.02191	0.09960	0.00762	0.03482	0.00353
2	26	1	2601	81748	0.18636	0.02383	0.03908	0.00600	0.01285	0.00243	0.41243	0.02547	0.08930	0.00831	0.03050	0.00390
2	26	2	2602	18182	0.07822	0.02401	0.01507	0.00602	0.00480	0.00243	0.28487	0.03446	0.05753	0.01031	0.01930	0.00505
2	26	3	2603	14340	0.09638	0.02387	0.01908	0.00657	0.00617	0.00293	0.28238	0.03457	0.05682	0.01038	0.01906	0.00501
2	26	4	2604	9956	0.11720	0.02729	0.02348	0.00772	0.00763	0.00333	0.30797	0.03873	0.06120	0.01200	0.02013	0.00580
2	26	5	2605	12952	0.09713	0.02388	0.01873	0.00604	0.00592	0.00259	0.28757	0.03621	0.05748	0.00882	0.01891	0.00381
2	26	6	2606	11128	0.09420	0.02515	0.01783	0.00648	0.00544	0.00267	0.29661	0.03671	0.05958	0.01022	0.01997	0.00470
2	26	7	2607	9876	0.09425	0.04153	0.01800	0.01075	0.00558	0.00404	0.34554	0.05858	0.07261	0.01802	0.02489	0.00929
2	26	8	2608	19497	0.09917	0.04575	0.02006	0.01290	0.00673	0.00594	0.34623	0.07113	0.07140	0.02270	0.02413	0.01176
2	26	9	2609	22108	0.08035	0.02300	0.01538	0.00673	0.00493	0.00305	0.27225	0.03868	0.05442	0.01122	0.01799	0.00524
2	26	10	2610	15881	0.07319	0.02665	0.01360	0.00687	0.00422	0.00294	0.30821	0.04214	0.06253	0.01326	0.02077	0.00678
2	26	11	2611	83036	0.11241	0.01554	0.02245	0.00391	0.00722	0.00158	0.37019	0.02173	0.07900	0.00662	0.02708	0.00307
2	27	1	2701	25338	0.15003	0.02155	0.03101	0.00606	0.01012	0.00261	0.34440	0.02858	0.07213	0.00837	0.02441	0.00397
2	27	2	2702	101360	0.23973	0.02756	0.05446	0.00878	0.01882	0.00384	0.43555	0.02987	0.09902	0.01012	0.03488	0.00473
2	27	3	2703	28317	0.09751	0.01621	0.01894	0.00402	0.00595	0.00166	0.32092	0.02597	0.06499	0.00802	0.02148	0.00382
2	27	4	2704	55908	0.09554	0.02204	0.01894	0.00610	0.00608	0.00266	0.31036	0.03975	0.06379	0.01162	0.02151	0.00539
2	27	5	2705	52912	0.12941	0.01886	0.02666	0.00548	0.00875	0.00245	0.36897	0.03518	0.07789	0.01041	0.02653	0.00482
2	27	6	2706	37009	0.09268	0.02056	0.01831	0.00529	0.00591	0.00219	0.37899	0.03446	0.08192	0.01058	0.02821	0.00536
2	27	7	2707	8064	0.11009	0.03009	0.02124	0.00808	0.00662	0.00338	0.32410	0.03928	0.06571	0.01246	0.02183	0.00645
2	27	8	2708	36558	0.17447	0.02467	0.03677	0.00728	0.01209	0.00307	0.39961	0.03888	0.08723	0.01143	0.03002	0.00524
2	27	9	2709	54410	0.30364	0.04120	0.07128	0.01393	0.02508	0.00649	0.44357	0.04284	0.09804	0.01457	0.03362	0.00697
2	27	10	2710	65269	0.14932	0.02303	0.03065	0.00662	0.00996	0.00288	0.34965	0.03104	0.07248	0.00881	0.02430	0.00397
2	27	11	2711	70182	0.09416	0.01296	0.01845	0.00380	0.00591	0.00166	0.35624	0.02733	0.07511	0.00773	0.02547	0.00340
2	27	12	2712	12361	0.09597	0.02065	0.01867	0.00538	0.00583	0.00215	0.31855	0.03727	0.06653	0.01138	0.02260	0.00520
2	27	13	2713	13412	0.10346	0.03388	0.01946	0.00882	0.00588	0.00394	0.34504	0.05188	0.07159	0.01601	0.02403	0.00725
2	27	14	2714	66633	0.10066	0.01576	0.01994	0.00416	0.00642	0.00178	0.36398	0.02463	0.07755	0.00733	0.02664	0.00345
2	27	15	2715	30501	0.12115	0.02093	0.02416	0.00563	0.00778	0.00235	0.32315	0.02519	0.06660	0.00785	0.02233	0.00372
2	27	16	2716	975453	0.24094	0.02067	0.05457	0.00599	0.01887	0.00241	0.42697	0.01813	0.09529	0.00627	0.03324	0.00285
2	27	17	2717	65602	0.07760	0.01413	0.01475	0.00338	0.00462	0.00132	0.30465	0.02556	0.06206	0.00748	0.02076	0.00349
2	28	1	2801	12629	0.33091	0.03139	0.07996	0.01123	0.02875	0.00536	0.35760	0.02690	0.07545	0.00826	0.02549	0.00406
2	28	2	2802	17697	0.22155	0.02631	0.04859	0.00824	0.01637	0.00357	0.30882	0.02591	0.06405	0.00755	0.02176	0.00367
2	28	3	2803	31272	0.25489	0.02792	0.05591	0.00900	0.01880	0.00393	0.39171	0.03276	0.08362	0.00998	0.02844	0.00445
2	28	4	2804	34201	0.25958	0.02632	0.05670	0.00835	0.01906	0.00366	0.37938	0.02919	0.08100	0.00937	0.02751	0.00452
2	28	5	2805	14345	0.27889	0.03220	0.06309	0.01131	0.02176	0.00536	0.33617	0.02803	0.06972	0.00950	0.02337	0.00471
2	28	6	2806	17225	0.22655	0.02935	0.04981	0.00916	0.01683	0.00396	0.32918	0.02986	0.06802	0.00893	0.02277	0.00395
2	28	7	2807	13516	0.29803	0.03211	0.06951	0.01058	0.02451	0.00490	0.36479	0.02520	0.07830	0.00760	0.02696	0.00371
2	28	8	2808	20192	0.18800	0.02257	0.03863	0.00647	0.01245	0.00282	0.31967	0.02791	0.06549	0.00853	0.02191	0.00411
2	28	9	2809	24784	0.24619	0.02604	0.05530	0.00785	0.01894	0.00353	0.35140	0.02523	0.07342	0.00861	0.02490	0.00421

Geographic/administrative information					Measures of food insecurity											
					Food poverty prevalence		Food poverty gap		Food poverty severity		Low kilocalorie intake prevalence		Low kilocalorie intake gap		Low kilocalorie intake severity	
Region	dcode	Ilaka	ilakaid	Total population	P0	seP0	P1	seP1	P2	seP2	K0	seK0	K1	seK1	K2	seK2
2	28	10	2810	20166	0.28708	0.03521	0.06683	0.01132	0.02335	0.00504	0.37589	0.03232	0.08026	0.00914	0.02727	0.00396
2	28	11	2811	13918	0.26027	0.03132	0.05793	0.00988	0.01968	0.00440	0.39101	0.03237	0.08327	0.00905	0.02807	0.00411
2	28	12	2812	14991	0.31324	0.03294	0.07445	0.01105	0.02630	0.00493	0.40124	0.03000	0.08802	0.00944	0.03038	0.00442
2	28	13	2813	14089	0.39068	0.04369	0.09624	0.01502	0.03484	0.00692	0.45055	0.03716	0.10083	0.01157	0.03509	0.00521
2	28	14	2814	26750	0.12892	0.02525	0.02556	0.00669	0.00812	0.00287	0.37665	0.04096	0.08141	0.01331	0.02805	0.00607
2	29	1	2901	4913	0.38888	0.05372	0.10246	0.01946	0.03891	0.00947	0.30467	0.04369	0.06756	0.01349	0.02401	0.00656
2	29	2	2902	7836	0.52075	0.05531	0.14644	0.02489	0.05770	0.01280	0.41788	0.03986	0.09634	0.01511	0.03491	0.00806
2	29	3	2903	10498	0.38200	0.05248	0.09576	0.01849	0.03512	0.00863	0.37087	0.04240	0.08431	0.01441	0.03036	0.00718
2	29	4	2904	6790	0.38487	0.05740	0.09983	0.01948	0.03758	0.00904	0.37019	0.03632	0.08325	0.01235	0.02963	0.00619
2	29	5	2905	3542	0.42794	0.05690	0.11400	0.02359	0.04359	0.01220	0.35045	0.03728	0.07892	0.01359	0.02838	0.00737
2	29	6	2906	3183	0.45871	0.05995	0.12392	0.02436	0.04770	0.01244	0.35261	0.03646	0.07960	0.01165	0.02850	0.00608
2	29	7	2907	1291	0.34144	0.06037	0.08567	0.02130	0.03137	0.00999	0.26836	0.04178	0.05830	0.01411	0.02077	0.00729
2	29	8	2908	837	0.18689	0.04059	0.04091	0.01177	0.01381	0.00523	0.22160	0.04083	0.04655	0.01346	0.01619	0.00683
2	29	9	2909	3243	0.31221	0.06237	0.07536	0.01996	0.02688	0.00895	0.35171	0.04852	0.08337	0.01952	0.03113	0.01103
2	30	1	3001	16232	0.27896	0.03779	0.06376	0.01132	0.02209	0.00519	0.28088	0.03059	0.05789	0.00885	0.01961	0.00417
2	30	2	3002	16346	0.34973	0.03729	0.08449	0.01263	0.03014	0.00580	0.31849	0.02815	0.06535	0.00893	0.02183	0.00404
2	30	3	3003	14692	0.25073	0.03088	0.05526	0.00923	0.01870	0.00400	0.27363	0.02413	0.05549	0.00659	0.01872	0.00330
2	30	4	3004	19785	0.20277	0.03210	0.04292	0.00954	0.01416	0.00402	0.25320	0.03054	0.05037	0.00769	0.01675	0.00344
2	30	5	3005	23981	0.21800	0.03258	0.04782	0.00932	0.01617	0.00407	0.24757	0.02730	0.04921	0.00776	0.01630	0.00379
2	30	6	3006	15667	0.22742	0.02958	0.04964	0.00887	0.01669	0.00383	0.30324	0.03071	0.06200	0.00894	0.02085	0.00442
2	30	7	3007	39878	0.21650	0.02202	0.04768	0.00681	0.01626	0.00311	0.33701	0.02238	0.07045	0.00724	0.02380	0.00357
2	30	8	3008	26047	0.25405	0.03031	0.05595	0.00903	0.01886	0.00387	0.36040	0.03396	0.07594	0.01121	0.02569	0.00534
2	30	9	3009	32932	0.27089	0.03128	0.06162	0.00999	0.02128	0.00464	0.33914	0.02664	0.07068	0.00849	0.02382	0.00423
2	30	10	3010	31029	0.18723	0.02837	0.03922	0.00841	0.01290	0.00370	0.33713	0.03459	0.06917	0.01012	0.02306	0.00493
2	30	11	3011	25775	0.28893	0.03718	0.06727	0.01215	0.02361	0.00552	0.42154	0.03504	0.09270	0.01142	0.03200	0.00591
2	30	12	3012	40453	0.30477	0.03561	0.07232	0.01129	0.02558	0.00520	0.43213	0.02993	0.09735	0.01035	0.03434	0.00525
2	30	13	3013	31475	0.37810	0.03498	0.09650	0.01308	0.03575	0.00623	0.48267	0.03306	0.11311	0.01197	0.04016	0.00580
2	31	1	3101	56424	0.31379	0.04759	0.07304	0.01498	0.02554	0.00638	0.40094	0.03335	0.08791	0.01032	0.03043	0.00476
2	31	2	3102	33675	0.35340	0.03709	0.08672	0.01308	0.03129	0.00595	0.45792	0.03268	0.10410	0.01167	0.03660	0.00563
2	31	3	3103	33988	0.16795	0.02883	0.03528	0.00890	0.01164	0.00405	0.36979	0.03341	0.07838	0.01082	0.02651	0.00533
2	31	4	3104	25322	0.31615	0.03544	0.07705	0.01254	0.02766	0.00569	0.43498	0.03876	0.09788	0.01189	0.03431	0.00533
2	31	5	3105	14412	0.49713	0.05281	0.13421	0.02295	0.05120	0.01195	0.52184	0.04776	0.12337	0.01887	0.04399	0.00973
2	31	6	3106	8391	0.30560	0.04219	0.07307	0.01285	0.02605	0.00587	0.43649	0.04634	0.09715	0.01465	0.03345	0.00666
2	31	7	3107	17086	0.18189	0.05101	0.03861	0.01472	0.01283	0.00628	0.38378	0.06069	0.08290	0.01788	0.02837	0.00820
2	31	8	3108	35545	0.25383	0.03935	0.05772	0.01167	0.01984	0.00496	0.44005	0.03851	0.09838	0.01341	0.03427	0.00651
2	31	9	3109	20591	0.37913	0.03650	0.09407	0.01293	0.03419	0.00606	0.40105	0.03327	0.08746	0.01005	0.02987	0.00455
2	31	10	3110	28758	0.24035	0.02815	0.05369	0.00898	0.01834	0.00397	0.35729	0.02940	0.07560	0.00888	0.02562	0.00429
2	31	11	3111	24425	0.41339	0.03884	0.10688	0.01433	0.03992	0.00698	0.46617	0.02713	0.10632	0.00898	0.03737	0.00459
2	31	12	3112	13475	0.30940	0.03136	0.07486	0.01116	0.02696	0.00557	0.39932	0.02878	0.08662	0.01025	0.02962	0.00532

Geographic/administrative information					Measures of food insecurity											
					Food poverty prevalence		Food poverty gap		Food poverty severity		Low kilocalorie intake prevalence		Low kilocalorie intake gap		Low kilocalorie intake severity	
Region	dcode	Ilaka	ilakaid	Total population	P0	seP0	P1	seP1	P2	seP2	K0	seK0	K1	seK1	K2	seK2
2	31	13	3113	18838	0.26454	0.02723	0.05959	0.00870	0.02043	0.00394	0.36201	0.02636	0.07608	0.00813	0.02563	0.00396
2	31	14	3114	84671	0.08804	0.01255	0.01707	0.00308	0.00538	0.00123	0.40456	0.02623	0.08929	0.00821	0.03095	0.00373
2	32	1	3201	8937	0.22919	0.02495	0.05013	0.00775	0.01681	0.00366	0.20755	0.02838	0.03616	0.00634	0.01090	0.00271
2	32	2	3202	39244	0.25005	0.02735	0.05440	0.00833	0.01816	0.00354	0.22583	0.02480	0.03943	0.00620	0.01185	0.00245
2	32	3	3203	29884	0.23024	0.02550	0.04938	0.00734	0.01626	0.00309	0.23336	0.02326	0.04037	0.00571	0.01209	0.00238
2	32	4	3204	32496	0.25205	0.02899	0.05394	0.00894	0.01784	0.00386	0.22151	0.02433	0.03796	0.00595	0.01131	0.00246
2	32	5	3205	50431	0.27510	0.02803	0.05981	0.00869	0.01986	0.00379	0.21887	0.02076	0.03774	0.00517	0.01132	0.00228
2	32	6	3206	75754	0.28605	0.03659	0.06266	0.01133	0.02096	0.00490	0.24332	0.03423	0.04190	0.00801	0.01242	0.00330
2	32	7	3207	42806	0.26499	0.02955	0.05779	0.00894	0.01934	0.00380	0.22441	0.02440	0.03780	0.00561	0.01102	0.00213
2	32	8	3208	44520	0.28616	0.02714	0.06296	0.00884	0.02120	0.00399	0.23113	0.02765	0.03979	0.00582	0.01186	0.00224
2	32	9	3209	38530	0.28015	0.02940	0.06206	0.00879	0.02103	0.00395	0.22373	0.02672	0.03797	0.00646	0.01125	0.00283
2	32	10	3210	55660	0.20583	0.02518	0.04308	0.00736	0.01406	0.00316	0.23953	0.03014	0.04152	0.00710	0.01237	0.00274
2	32	11	3211	41650	0.24484	0.03295	0.05214	0.00981	0.01720	0.00407	0.25287	0.02893	0.04461	0.00712	0.01342	0.00303
2	32	12	3212	39408	0.23803	0.02555	0.05084	0.00790	0.01676	0.00343	0.26236	0.02587	0.04588	0.00681	0.01374	0.00296
2	32	13	3213	52707	0.23479	0.02682	0.04991	0.00809	0.01645	0.00344	0.24056	0.02372	0.04175	0.00584	0.01243	0.00256
2	32	14	3214	55051	0.22911	0.02445	0.04800	0.00743	0.01567	0.00328	0.25480	0.02789	0.04439	0.00662	0.01328	0.00273
2	32	15	3215	72059	0.13060	0.01877	0.02604	0.00527	0.00833	0.00228	0.23640	0.02553	0.04086	0.00632	0.01227	0.00291
2	32	16	3216	6922	0.29849	0.03908	0.07023	0.01358	0.02470	0.00611	0.23484	0.03318	0.04100	0.00794	0.01252	0.00351
2	33	1	3301	61403	0.11983	0.01344	0.02365	0.00355	0.00755	0.00155	0.25089	0.02411	0.04346	0.00579	0.01296	0.00234
2	33	2	3302	40750	0.22549	0.02386	0.04754	0.00703	0.01560	0.00296	0.23341	0.02139	0.04013	0.00536	0.01198	0.00222
2	33	3	3303	56149	0.26670	0.02455	0.05784	0.00715	0.01918	0.00292	0.23600	0.02103	0.04036	0.00511	0.01191	0.00209
2	33	4	3304	47065	0.16637	0.02013	0.03358	0.00542	0.01070	0.00228	0.25208	0.02529	0.04389	0.00619	0.01321	0.00263
2	33	5	3305	42716	0.19004	0.02131	0.03894	0.00615	0.01260	0.00275	0.24203	0.02524	0.04216	0.00606	0.01263	0.00241
2	33	6	3306	56832	0.26710	0.02544	0.05793	0.00797	0.01927	0.00345	0.22384	0.02410	0.03846	0.00545	0.01140	0.00224
2	33	7	3307	26691	0.28646	0.02665	0.06329	0.00881	0.02128	0.00408	0.24116	0.02700	0.04165	0.00619	0.01249	0.00248
2	33	8	3308	54019	0.14534	0.02248	0.02904	0.00619	0.00919	0.00260	0.25499	0.02934	0.04441	0.00783	0.01325	0.00342
2	33	9	3309	13788	0.22405	0.04114	0.04712	0.01155	0.01537	0.00477	0.24741	0.03463	0.04178	0.00879	0.01215	0.00393
2	33	10	3310	23080	0.24781	0.02679	0.05314	0.00811	0.01773	0.00363	0.21318	0.02805	0.03631	0.00703	0.01084	0.00299
2	33	11	3311	33158	0.28307	0.02960	0.06229	0.00978	0.02086	0.00432	0.23476	0.03280	0.04123	0.00730	0.01244	0.00294
2	33	12	3312	72774	0.16200	0.02044	0.03350	0.00562	0.01090	0.00236	0.30967	0.02574	0.05577	0.00662	0.01679	0.00274
2	33	13	3313	46419	0.20343	0.02218	0.04201	0.00610	0.01356	0.00263	0.26057	0.02569	0.04555	0.00618	0.01362	0.00259
2	33	14	3314	28896	0.24264	0.02664	0.05289	0.00832	0.01771	0.00364	0.27059	0.02457	0.04751	0.00675	0.01424	0.00307
2	33	15	3315	39265	0.25667	0.02557	0.05568	0.00794	0.01852	0.00351	0.26347	0.02593	0.04663	0.00684	0.01410	0.00298
2	33	16	3316	42826	0.27404	0.03447	0.06188	0.01069	0.02126	0.00481	0.25213	0.03906	0.04437	0.00916	0.01336	0.00376
2	34	1	3401	143077	0.25721	0.02522	0.05818	0.00777	0.01999	0.00332	0.29403	0.02155	0.05203	0.00498	0.01556	0.00193
2	34	2	3402	35508	0.18741	0.02487	0.03883	0.00686	0.01267	0.00287	0.28429	0.03004	0.05036	0.00758	0.01520	0.00306
2	34	3	3403	30064	0.18626	0.02706	0.03879	0.00836	0.01277	0.00376	0.31514	0.03602	0.05723	0.00908	0.01734	0.00385
2	34	4	3404	28729	0.22093	0.02283	0.04691	0.00637	0.01545	0.00278	0.25265	0.02503	0.04389	0.00602	0.01310	0.00258
2	34	5	3405	30000	0.20321	0.02658	0.04219	0.00754	0.01368	0.00313	0.26812	0.03236	0.04721	0.00838	0.01418	0.00348

Geographic/administrative information					Measures of food insecurity											
					Food poverty prevalence		Food poverty gap		Food poverty severity		Low kilocalorie intake prevalence		Low kilocalorie intake gap		Low kilocalorie intake severity	
Region	dcode	Ilaka	ilakaid	Total population	P0	seP0	P1	seP1	P2	seP2	K0	seK0	K1	seK1	K2	seK2
2	34	6	3406	37259	0.23300	0.02217	0.05007	0.00663	0.01667	0.00297	0.28873	0.02792	0.05082	0.00751	0.01520	0.00305
2	34	7	3407	46520	0.16245	0.02494	0.03324	0.00681	0.01080	0.00283	0.28860	0.02802	0.05130	0.00720	0.01528	0.00300
2	34	8	3408	32640	0.24514	0.02494	0.05315	0.00765	0.01773	0.00328	0.22075	0.02406	0.03779	0.00554	0.01124	0.00227
2	34	9	3409	42720	0.22376	0.02613	0.04743	0.00751	0.01565	0.00319	0.24388	0.02697	0.04231	0.00612	0.01266	0.00250
2	34	10	3410	27251	0.23189	0.02605	0.04893	0.00794	0.01599	0.00344	0.26534	0.03004	0.04656	0.00742	0.01401	0.00294
2	34	11	3411	38229	0.20054	0.02163	0.04212	0.00604	0.01381	0.00274	0.27465	0.02428	0.04815	0.00619	0.01433	0.00264
2	34	12	3412	31574	0.27355	0.02915	0.06059	0.00899	0.02046	0.00389	0.25672	0.02710	0.04442	0.00675	0.01313	0.00276
2	34	13	3413	20482	0.26822	0.02980	0.05973	0.00922	0.02021	0.00424	0.23991	0.02667	0.04186	0.00715	0.01263	0.00318
2	34	14	3414	30052	0.23957	0.02742	0.05186	0.00817	0.01730	0.00342	0.25928	0.03171	0.04603	0.00785	0.01384	0.00314
2	34	15	3415	23664	0.13540	0.02285	0.02758	0.00611	0.00890	0.00247	0.19919	0.02294	0.03476	0.00579	0.01055	0.00258
2	35	1	3501	15424	0.39137	0.05735	0.09672	0.02103	0.03499	0.00962	0.40117	0.04315	0.07761	0.01224	0.02425	0.00525
2	35	2	3502	63296	0.09850	0.01677	0.01959	0.00465	0.00634	0.00203	0.27565	0.03416	0.04913	0.00850	0.01471	0.00366
2	35	3	3503	39308	0.07235	0.01769	0.01392	0.00504	0.00448	0.00228	0.25164	0.03430	0.04492	0.00927	0.01361	0.00418
2	35	4	3504	38408	0.08541	0.02090	0.01614	0.00586	0.00501	0.00245	0.29078	0.03478	0.05232	0.01035	0.01565	0.00443
2	35	5	3505	29356	0.17122	0.02863	0.03803	0.00819	0.01296	0.00351	0.30097	0.03342	0.05362	0.00876	0.01602	0.00381
2	35	6	3506	25203	0.25221	0.04054	0.05737	0.01277	0.01970	0.00555	0.33703	0.04924	0.06239	0.01318	0.01898	0.00536
2	35	7	3507	143836	0.08779	0.01146	0.01722	0.00286	0.00548	0.00111	0.33836	0.02831	0.06306	0.00754	0.01933	0.00288
2	35	8	3508	11536	0.04793	0.01603	0.00909	0.00425	0.00283	0.00176	0.21553	0.04243	0.03695	0.00977	0.01096	0.00403
2	35	9	3509	30574	0.05505	0.01526	0.01050	0.00409	0.00333	0.00187	0.26258	0.04146	0.04633	0.01050	0.01401	0.00445
2	35	10	3510	37554	0.07729	0.01753	0.01500	0.00455	0.00474	0.00188	0.23854	0.03572	0.04140	0.00867	0.01229	0.00351
2	35	11	3511	31935	0.05875	0.01611	0.01137	0.00414	0.00366	0.00171	0.21477	0.03661	0.03774	0.00832	0.01156	0.00330
2	35	12	3512	19252	0.08070	0.02189	0.01582	0.00562	0.00501	0.00228	0.28018	0.04300	0.04968	0.01096	0.01494	0.00481
2	35	13	3513	37683	0.09550	0.02310	0.01891	0.00661	0.00601	0.00294	0.10878	0.02910	0.01872	0.00669	0.00585	0.00285
2	35	14	3514	46367	0.12895	0.01909	0.02637	0.00490	0.00865	0.00199	0.28748	0.02832	0.05072	0.00653	0.01505	0.00251
3	36	1	3601	6789	0.15686	0.03534	0.03093	0.00913	0.00961	0.00368	0.26482	0.03143	0.05108	0.00917	0.01629	0.00439
3	36	2	3602	22261	0.18521	0.02327	0.03705	0.00651	0.01172	0.00274	0.27855	0.02708	0.05406	0.00781	0.01738	0.00362
3	36	3	3603	20547	0.22300	0.03039	0.04670	0.00817	0.01513	0.00332	0.32976	0.02790	0.06699	0.00813	0.02203	0.00392
3	36	4	3604	20946	0.24869	0.02932	0.05305	0.00954	0.01743	0.00422	0.33146	0.03073	0.06695	0.00921	0.02206	0.00409
3	36	5	3605	26323	0.17771	0.02521	0.03556	0.00676	0.01115	0.00271	0.30779	0.02800	0.06155	0.00875	0.02022	0.00403
3	36	6	3606	26708	0.16257	0.02285	0.03244	0.00620	0.01032	0.00261	0.26580	0.02938	0.05278	0.00791	0.01735	0.00348
3	36	7	3607	14285	0.23014	0.02339	0.04798	0.00725	0.01544	0.00313	0.28946	0.02596	0.05754	0.00739	0.01881	0.00333
3	36	8	3608	15602	0.29206	0.03029	0.06591	0.01056	0.02231	0.00490	0.35120	0.03240	0.07359	0.00937	0.02475	0.00417
3	36	9	3609	20754	0.31701	0.03498	0.07121	0.01171	0.02388	0.00534	0.32740	0.02850	0.06637	0.00865	0.02182	0.00406
3	36	10	3610	18218	0.20495	0.02364	0.04184	0.00699	0.01329	0.00298	0.27830	0.02415	0.05405	0.00737	0.01735	0.00338
3	36	11	3611	23884	0.27958	0.03609	0.06086	0.01096	0.02008	0.00449	0.32675	0.02734	0.06539	0.00846	0.02129	0.00409
3	36	12	3612	13229	0.33291	0.03722	0.07468	0.01150	0.02494	0.00491	0.32098	0.02779	0.06418	0.00753	0.02082	0.00339
3	36	13	3613	6923	0.18086	0.03533	0.03625	0.00936	0.01138	0.00373	0.25637	0.02701	0.05100	0.00801	0.01664	0.00376
3	36	14	3614	32473	0.11364	0.01933	0.02144	0.00460	0.00654	0.00174	0.33372	0.03185	0.06743	0.00927	0.02205	0.00409
3	37	1	3701	29100	0.14737	0.02224	0.02878	0.00553	0.00899	0.00223	0.36990	0.02893	0.07798	0.00900	0.02602	0.00399

Geographic/administrative information					Measures of food insecurity											
					Food poverty prevalence		Food poverty gap		Food poverty severity		Low kilocalorie intake prevalence		Low kilocalorie intake gap		Low kilocalorie intake severity	
Region	dcode	Ilaka	ilakaid	Total population	P0	seP0	P1	seP1	P2	seP2	K0	seK0	K1	seK1	K2	seK2
3	37	2	3702	8175	0.22249	0.03054	0.04700	0.00933	0.01531	0.00406	0.29820	0.02918	0.05954	0.00844	0.01942	0.00385
3	37	3	3703	22364	0.13137	0.02628	0.02525	0.00706	0.00778	0.00283	0.33376	0.03329	0.06885	0.01021	0.02290	0.00502
3	37	4	3704	10852	0.15626	0.02758	0.03074	0.00686	0.00961	0.00269	0.30980	0.03204	0.06234	0.00978	0.02060	0.00472
3	37	5	3705	10524	0.17647	0.03143	0.03522	0.00836	0.01104	0.00324	0.30917	0.03203	0.06217	0.00908	0.02029	0.00407
3	37	6	3706	10363	0.18546	0.02683	0.03748	0.00684	0.01186	0.00288	0.18878	0.02846	0.03530	0.00666	0.01116	0.00290
3	37	7	3707	18759	0.25231	0.02834	0.05369	0.00858	0.01754	0.00372	0.33103	0.02553	0.06663	0.00739	0.02184	0.00330
3	37	8	3708	16196	0.26030	0.02813	0.05702	0.00876	0.01898	0.00380	0.31066	0.02747	0.06224	0.00821	0.02038	0.00382
3	37	9	3709	10315	0.23747	0.02749	0.05047	0.00879	0.01642	0.00381	0.27925	0.02999	0.05404	0.00849	0.01731	0.00375
3	37	10	3710	12714	0.24357	0.02704	0.05142	0.00790	0.01670	0.00337	0.25690	0.02735	0.05021	0.00753	0.01622	0.00328
3	37	11	3711	16788	0.17623	0.02383	0.03543	0.00632	0.01138	0.00260	0.29862	0.02720	0.05922	0.00753	0.01928	0.00343
3	38	1	3801	8749	0.20421	0.03630	0.04183	0.01104	0.01337	0.00488	0.33899	0.03463	0.06967	0.01099	0.02303	0.00547
3	38	2	3802	14010	0.15916	0.02475	0.03162	0.00680	0.00993	0.00280	0.26472	0.03095	0.05161	0.00814	0.01671	0.00354
3	38	3	3803	18702	0.12941	0.02340	0.02489	0.00606	0.00771	0.00243	0.25981	0.02816	0.04965	0.00839	0.01588	0.00402
3	38	4	3804	38533	0.15702	0.02974	0.03136	0.00834	0.00990	0.00347	0.34203	0.03217	0.07106	0.01001	0.02377	0.00459
3	38	5	3805	23909	0.21810	0.03478	0.04834	0.00995	0.01638	0.00464	0.36702	0.05170	0.07727	0.01795	0.02591	0.00878
3	38	6	3806	18079	0.26852	0.03918	0.05833	0.01086	0.01918	0.00458	0.28846	0.03781	0.05837	0.01110	0.01912	0.00502
3	38	7	3807	16725	0.25757	0.03623	0.05597	0.01178	0.01837	0.00528	0.27620	0.03306	0.05593	0.00928	0.01842	0.00410
3	38	8	3808	16731	0.32694	0.04041	0.07446	0.01377	0.02534	0.00652	0.35020	0.03598	0.07177	0.01111	0.02362	0.00492
3	38	9	3809	19255	0.21480	0.04041	0.04425	0.01129	0.01407	0.00463	0.24941	0.03143	0.04869	0.00800	0.01572	0.00342
3	38	10	3810	21891	0.17522	0.02673	0.03501	0.00687	0.01094	0.00282	0.32887	0.04262	0.06732	0.01293	0.02204	0.00554
3	38	11	3811	34886	0.12465	0.02818	0.02437	0.00730	0.00762	0.00300	0.34621	0.03403	0.07037	0.01078	0.02307	0.00524
3	38	12	3812	26234	0.15097	0.02121	0.02983	0.00557	0.00937	0.00241	0.35061	0.03601	0.07312	0.01153	0.02465	0.00540
3	38	13	3813	19944	0.17574	0.03398	0.03493	0.00971	0.01091	0.00386	0.31868	0.03662	0.06353	0.01066	0.02065	0.00478
3	38	14	3814	42899	0.10780	0.01796	0.02030	0.00473	0.00618	0.00189	0.41269	0.03235	0.08875	0.00966	0.02997	0.00413
3	39	1	3901	10025	0.16038	0.02457	0.03127	0.00663	0.00971	0.00280	0.26341	0.02833	0.05084	0.00794	0.01626	0.00365
3	39	2	3902	6329	0.15112	0.02991	0.02870	0.00725	0.00873	0.00272	0.27672	0.03286	0.05340	0.00864	0.01696	0.00392
3	39	3	3903	16180	0.18568	0.02516	0.03695	0.00721	0.01158	0.00309	0.29306	0.03053	0.05881	0.00859	0.01939	0.00408
3	39	4	3904	17403	0.17758	0.02693	0.03590	0.00745	0.01137	0.00319	0.30624	0.02549	0.06099	0.00773	0.01998	0.00384
3	39	5	3905	10631	0.18775	0.03306	0.03736	0.00965	0.01170	0.00432	0.28574	0.03909	0.05634	0.01112	0.01829	0.00497
3	39	6	3906	13670	0.19632	0.02616	0.04006	0.00760	0.01282	0.00323	0.30410	0.02629	0.06105	0.00743	0.02013	0.00344
3	39	7	3907	12448	0.15790	0.02418	0.03082	0.00643	0.00965	0.00267	0.25533	0.02753	0.04911	0.00750	0.01589	0.00345
3	39	8	3908	14715	0.13313	0.02292	0.02557	0.00583	0.00789	0.00241	0.27089	0.03212	0.05213	0.00894	0.01667	0.00410
3	39	9	3909	13289	0.20434	0.03135	0.04100	0.00867	0.01288	0.00358	0.33108	0.03434	0.06661	0.00982	0.02168	0.00436
3	39	10	3910	11330	0.20552	0.03456	0.04290	0.01059	0.01389	0.00456	0.28724	0.03117	0.05620	0.00884	0.01808	0.00408
3	39	11	3911	10896	0.19642	0.02910	0.03940	0.00784	0.01235	0.00320	0.29945	0.03637	0.05897	0.01138	0.01906	0.00537
3	39	12	3912	16931	0.23472	0.03001	0.04970	0.00888	0.01620	0.00383	0.28557	0.02773	0.05596	0.00866	0.01818	0.00400
3	39	13	3913	30549	0.20056	0.02177	0.04028	0.00615	0.01261	0.00259	0.33642	0.02669	0.06842	0.00822	0.02266	0.00394
3	39	14	3914	23139	0.18510	0.02494	0.03722	0.00676	0.01173	0.00275	0.36344	0.02643	0.07476	0.00725	0.02466	0.00354
3	39	15	3915	25855	0.18362	0.02855	0.03673	0.00759	0.01153	0.00301	0.38281	0.03763	0.08017	0.01087	0.02668	0.00495

Geographic/administrative information					Measures of food insecurity											
					Food poverty prevalence		Food poverty gap		Food poverty severity		Low kilocalorie intake prevalence		Low kilocalorie intake gap		Low kilocalorie intake severity	
Region	dcode	Ilaka	ilakaid	Total population	P0	seP0	P1	seP1	P2	seP2	K0	seK0	K1	seK1	K2	seK2
3	39	16	3916	30704	0.12210	0.02213	0.02287	0.00562	0.00697	0.00222	0.35067	0.03820	0.07192	0.01156	0.02375	0.00519
3	39	17	3917	24006	0.11422	0.02306	0.02184	0.00577	0.00676	0.00227	0.37320	0.03622	0.07814	0.01103	0.02604	0.00497
3	40	1	4001	11641	0.14636	0.02380	0.02846	0.00655	0.00885	0.00291	0.25391	0.02800	0.04920	0.00805	0.01587	0.00383
3	40	2	4002	9806	0.11886	0.04215	0.02212	0.01108	0.00657	0.00424	0.28538	0.05176	0.05634	0.01584	0.01863	0.00835
3	40	3	4003	10104	0.19530	0.03029	0.03989	0.00870	0.01266	0.00359	0.25579	0.02977	0.04879	0.00765	0.01552	0.00338
3	40	4	4004	2993	0.11353	0.02928	0.02135	0.00685	0.00649	0.00268	0.21656	0.03288	0.04061	0.00947	0.01296	0.00454
3	40	5	4005	8781	0.20899	0.03195	0.04292	0.00847	0.01371	0.00347	0.26846	0.02793	0.05140	0.00792	0.01631	0.00372
3	40	6	4006	16481	0.10939	0.02330	0.02030	0.00572	0.00615	0.00229	0.25434	0.02876	0.04897	0.00786	0.01595	0.00387
3	40	7	4007	3923	0.10685	0.04021	0.01943	0.00981	0.00574	0.00379	0.21936	0.05245	0.04201	0.01551	0.01377	0.00797
3	40	8	4008	13427	0.07996	0.01664	0.01448	0.00444	0.00428	0.00184	0.28973	0.03750	0.05881	0.01135	0.01940	0.00529
3	40	9	4009	20140	0.10372	0.02237	0.01916	0.00530	0.00579	0.00202	0.26805	0.03036	0.05270	0.00845	0.01725	0.00379
3	40	10	4010	15122	0.17793	0.03064	0.03587	0.00851	0.01129	0.00346	0.32284	0.03635	0.06558	0.01035	0.02168	0.00445
3	40	11	4011	16847	0.13106	0.02794	0.02500	0.00769	0.00766	0.00317	0.24739	0.02940	0.04751	0.00771	0.01523	0.00342
3	40	12	4012	19430	0.11328	0.02254	0.02186	0.00599	0.00684	0.00246	0.30522	0.03028	0.06009	0.00976	0.01948	0.00449
3	40	13	4013	14096	0.14059	0.02709	0.02697	0.00729	0.00830	0.00307	0.27381	0.03029	0.05256	0.00798	0.01679	0.00367
3	40	14	4014	58816	0.06897	0.01229	0.01254	0.00296	0.00379	0.00118	0.35624	0.02867	0.07312	0.00807	0.02431	0.00369
3	40	15	4015	255465	0.07165	0.00981	0.01306	0.00220	0.00393	0.00079	0.42212	0.02505	0.09111	0.00756	0.03091	0.00320
3	41	1	4101	1129	0.19652	0.07716	0.04014	0.02051	0.01285	0.00800	0.30555	0.06779	0.06601	0.02119	0.02298	0.01058
3	41	2	4102	652	0.21447	0.05835	0.04537	0.01802	0.01480	0.00804	0.33475	0.06553	0.07407	0.02324	0.02616	0.01125
3	41	3	4103	306	0.22699	0.08401	0.04821	0.02434	0.01589	0.01099	0.43451	0.09946	0.10281	0.03317	0.03696	0.01690
3	41	4	4104	630	0.26141	0.11593	0.05628	0.03563	0.01836	0.01546	0.47968	0.11062	0.12724	0.04237	0.05009	0.02329
3	41	5	4105	257	0.33435	0.08744	0.07139	0.02809	0.02283	0.01266	0.50286	0.10543	0.12240	0.03802	0.04491	0.01955
3	41	6	4106	377	0.26367	0.07915	0.05778	0.02438	0.01902	0.01094	0.43854	0.09485	0.10723	0.03203	0.04035	0.01561
3	41	7	4107	538	0.25165	0.07623	0.05390	0.02190	0.01773	0.00947	0.24943	0.07276	0.05076	0.02070	0.01716	0.00944
3	41	8	4108	926	0.22736	0.05467	0.04768	0.01654	0.01539	0.00730	0.29385	0.05369	0.06303	0.01742	0.02254	0.00911
3	41	9	4109	1012	0.20352	0.06814	0.04199	0.01975	0.01338	0.00830	0.32810	0.07483	0.07034	0.02244	0.02468	0.01135
3	42	1	4201	1370	0.22016	0.05636	0.04807	0.01604	0.01603	0.00684	0.39836	0.07829	0.09188	0.02618	0.03268	0.01237
3	42	2	4202	1551	0.23286	0.06658	0.04813	0.01896	0.01531	0.00841	0.45142	0.08237	0.11162	0.03205	0.04197	0.01638
3	42	3	4203	1449	0.20165	0.05238	0.04228	0.01455	0.01398	0.00639	0.37790	0.07199	0.08654	0.02264	0.03106	0.01053
3	42	4	4204	1063	0.19875	0.05243	0.04018	0.01381	0.01285	0.00561	0.32181	0.06657	0.07163	0.02086	0.02560	0.00986
3	42	5	4205	1899	0.11993	0.04515	0.02247	0.01098	0.00679	0.00423	0.26058	0.06544	0.05538	0.01699	0.01919	0.00730
3	42	6	4206	360	0.14903	0.05337	0.02943	0.01360	0.00932	0.00551	0.22217	0.06889	0.04456	0.01837	0.01519	0.00797
3	42	7	4207	881	0.18573	0.04591	0.04048	0.01361	0.01383	0.00661	0.36999	0.06432	0.08508	0.02008	0.03050	0.00920
3	42	8	4208	1550	0.30496	0.05935	0.06865	0.01908	0.02317	0.00832	0.40900	0.04980	0.09567	0.01872	0.03465	0.00970
3	42	9	4209	1470	0.26719	0.06027	0.05971	0.01781	0.02000	0.00743	0.44945	0.06898	0.10918	0.02331	0.04031	0.01122
3	43	1	4301	18302	0.16070	0.04783	0.03183	0.01275	0.00995	0.00500	0.37156	0.05558	0.07828	0.01753	0.02652	0.00883
3	43	2	4302	9116	0.20698	0.03452	0.04124	0.00973	0.01286	0.00406	0.34664	0.03560	0.07147	0.01029	0.02385	0.00468
3	43	3	4303	10016	0.18009	0.02916	0.03593	0.00846	0.01128	0.00357	0.35165	0.03108	0.07242	0.00958	0.02385	0.00443
3	43	4	4304	7284	0.19083	0.03128	0.03825	0.00896	0.01204	0.00373	0.30660	0.03253	0.06164	0.00991	0.02023	0.00474

Geographic/administrative information					Measures of food insecurity											
					Food poverty prevalence		Food poverty gap		Food poverty severity		Low kilocalorie intake prevalence		Low kilocalorie intake gap		Low kilocalorie intake severity	
Region	dcode	Ilaka	ilakaid	Total population	P0	seP0	P1	seP1	P2	seP2	K0	seK0	K1	seK1	K2	seK2
3	43	5	4305	7958	0.12651	0.02327	0.02413	0.00582	0.00734	0.00229	0.24217	0.02709	0.04667	0.00768	0.01514	0.00372
3	43	6	4306	5357	0.18419	0.02885	0.03724	0.00752	0.01178	0.00301	0.31904	0.02889	0.06538	0.00841	0.02170	0.00382
3	43	7	4307	15949	0.23690	0.03690	0.04959	0.01019	0.01594	0.00416	0.26985	0.02957	0.05251	0.00850	0.01692	0.00385
3	43	8	4308	14065	0.33521	0.03784	0.07545	0.01383	0.02536	0.00631	0.36673	0.03257	0.07527	0.01020	0.02475	0.00449
3	43	9	4309	5800	0.24265	0.03268	0.05113	0.01016	0.01647	0.00435	0.27906	0.03064	0.05473	0.00933	0.01757	0.00451
3	43	10	4310	10934	0.25712	0.03984	0.05440	0.01193	0.01765	0.00509	0.28441	0.02803	0.05693	0.00878	0.01861	0.00405
3	43	11	4311	7296	0.31542	0.04152	0.07032	0.01435	0.02361	0.00647	0.34136	0.03307	0.06815	0.00952	0.02202	0.00448
3	44	1	4401	17245	0.18639	0.03593	0.03667	0.00963	0.01140	0.00405	0.31168	0.03361	0.06218	0.01006	0.02010	0.00460
3	44	2	4402	14683	0.18319	0.02732	0.03626	0.00732	0.01129	0.00292	0.30667	0.02829	0.06050	0.00873	0.01975	0.00419
3	44	3	4403	13319	0.16555	0.02546	0.03243	0.00648	0.01010	0.00267	0.28861	0.03006	0.05608	0.00878	0.01794	0.00419
3	44	4	4404	27557	0.13398	0.02411	0.02594	0.00656	0.00804	0.00269	0.30628	0.02424	0.06039	0.00753	0.01952	0.00354
3	44	5	4405	13414	0.16943	0.02245	0.03344	0.00614	0.01050	0.00252	0.24077	0.02615	0.04580	0.00681	0.01459	0.00286
3	44	6	4406	12434	0.17162	0.02661	0.03383	0.00715	0.01062	0.00294	0.25246	0.02727	0.04877	0.00731	0.01574	0.00335
3	44	7	4407	8700	0.19187	0.02466	0.03957	0.00684	0.01283	0.00298	0.27202	0.02973	0.05362	0.00924	0.01747	0.00432
3	44	8	4408	7894	0.19823	0.03086	0.04054	0.00899	0.01297	0.00376	0.28166	0.03021	0.05544	0.00865	0.01804	0.00399
3	44	9	4409	9546	0.21173	0.02944	0.04276	0.00787	0.01341	0.00316	0.26910	0.02735	0.05246	0.00703	0.01690	0.00315
3	44	10	4410	13206	0.21337	0.02938	0.04357	0.00835	0.01390	0.00353	0.31881	0.02960	0.06408	0.00875	0.02097	0.00419
3	44	11	4411	11549	0.22102	0.03026	0.04526	0.00892	0.01438	0.00372	0.33454	0.03083	0.06792	0.00919	0.02232	0.00426
3	45	1	4501	12046	0.18206	0.02888	0.03714	0.00786	0.01190	0.00325	0.29354	0.02647	0.05743	0.00745	0.01840	0.00349
3	45	2	4502	17717	0.19299	0.02651	0.03885	0.00743	0.01233	0.00306	0.32089	0.02695	0.06386	0.00764	0.02076	0.00349
3	45	3	4503	24871	0.22078	0.02995	0.04564	0.00861	0.01463	0.00353	0.31518	0.02535	0.06241	0.00773	0.02022	0.00363
3	45	4	4504	17275	0.24836	0.03225	0.05236	0.01002	0.01690	0.00425	0.34143	0.02846	0.06947	0.00831	0.02294	0.00382
3	45	5	4505	15439	0.16762	0.02452	0.03265	0.00647	0.01012	0.00259	0.29012	0.02524	0.05692	0.00722	0.01846	0.00332
3	45	6	4506	15694	0.23552	0.02963	0.04976	0.00886	0.01631	0.00395	0.33314	0.03118	0.06720	0.00923	0.02198	0.00410
3	45	7	4507	22653	0.26030	0.02959	0.05551	0.00897	0.01808	0.00376	0.34281	0.02799	0.06936	0.00866	0.02263	0.00393
3	45	8	4508	17231	0.22702	0.02833	0.04699	0.00791	0.01509	0.00342	0.33810	0.03243	0.06812	0.00908	0.02222	0.00411
3	45	9	4509	12409	0.30351	0.03632	0.06706	0.01138	0.02232	0.00494	0.35773	0.02986	0.07442	0.00924	0.02478	0.00437
3	45	10	4510	23629	0.32556	0.03862	0.07302	0.01178	0.02450	0.00505	0.42264	0.03539	0.08974	0.01154	0.02981	0.00547
3	45	11	4511	23261	0.31601	0.03003	0.07093	0.00933	0.02387	0.00408	0.37284	0.02753	0.07867	0.00872	0.02622	0.00392
3	45	12	4512	15934	0.32773	0.04362	0.07378	0.01379	0.02491	0.00601	0.39038	0.03476	0.08107	0.01061	0.02674	0.00481
3	45	13	4513	19111	0.39103	0.04732	0.09413	0.01775	0.03317	0.00831	0.40767	0.03785	0.08693	0.01117	0.02926	0.00519
3	45	14	4514	29360	0.12219	0.02227	0.02365	0.00611	0.00737	0.00262	0.34310	0.03260	0.06956	0.01012	0.02299	0.00466
3	46	1	4601	15029	0.29139	0.03427	0.06471	0.01059	0.02165	0.00445	0.36420	0.03197	0.07530	0.00929	0.02491	0.00423
3	46	2	4602	23807	0.22899	0.03124	0.04779	0.00852	0.01535	0.00342	0.30821	0.02785	0.06220	0.00844	0.02051	0.00386
3	46	3	4603	16152	0.23984	0.02923	0.05194	0.00882	0.01723	0.00382	0.34037	0.02707	0.06853	0.00872	0.02228	0.00397
3	46	4	4604	18644	0.24749	0.03147	0.05419	0.00936	0.01812	0.00393	0.32514	0.02809	0.06560	0.00782	0.02159	0.00346
3	46	5	4605	18581	0.18643	0.02123	0.03859	0.00606	0.01245	0.00259	0.27688	0.02453	0.05413	0.00662	0.01747	0.00285
3	46	6	4606	21481	0.19936	0.02155	0.04096	0.00648	0.01305	0.00279	0.29299	0.02436	0.05758	0.00703	0.01857	0.00327
3	46	7	4607	16916	0.18044	0.02334	0.03611	0.00697	0.01137	0.00309	0.29053	0.02963	0.05681	0.00812	0.01824	0.00345

Geographic/administrative information					Measures of food insecurity											
					Food poverty prevalence		Food poverty gap		Food poverty severity		Low kilocalorie intake prevalence		Low kilocalorie intake gap		Low kilocalorie intake severity	
Region	dcode	Ilaka	ilakaid	Total population	P0	seP0	P1	seP1	P2	seP2	K0	seK0	K1	seK1	K2	seK2
3	46	8	4608	33857	0.17649	0.02003	0.03567	0.00553	0.01130	0.00229	0.28259	0.02369	0.05564	0.00636	0.01815	0.00291
3	46	9	4609	21339	0.28497	0.03345	0.06260	0.01015	0.02083	0.00435	0.34611	0.02951	0.07052	0.00885	0.02328	0.00424
3	46	10	4610	17771	0.32157	0.02971	0.07212	0.00929	0.02419	0.00416	0.32068	0.02707	0.06329	0.00728	0.02044	0.00330
3	46	11	4611	30272	0.22540	0.02296	0.04723	0.00657	0.01534	0.00290	0.26434	0.02368	0.05185	0.00647	0.01685	0.00283
3	46	12	4612	21899	0.28235	0.03289	0.06298	0.00982	0.02114	0.00406	0.28412	0.02545	0.05587	0.00711	0.01818	0.00323
3	46	13	4613	23257	0.24691	0.02681	0.05345	0.00753	0.01775	0.00310	0.26423	0.02465	0.05178	0.00645	0.01677	0.00285
3	47	1	4701	14488	0.31913	0.03362	0.07036	0.00987	0.02326	0.00421	0.34258	0.03620	0.06991	0.01046	0.02292	0.00464
3	47	2	4702	36349	0.21190	0.02600	0.04485	0.00769	0.01461	0.00338	0.36548	0.02637	0.07534	0.00804	0.02490	0.00400
3	47	3	4703	20353	0.26000	0.03111	0.05609	0.00899	0.01834	0.00370	0.36117	0.02967	0.07432	0.00847	0.02440	0.00375
3	47	4	4704	16378	0.29703	0.03150	0.06710	0.01044	0.02272	0.00472	0.35547	0.03324	0.07270	0.00964	0.02399	0.00427
3	47	5	4705	15239	0.19507	0.02591	0.03999	0.00722	0.01274	0.00303	0.30998	0.02789	0.06215	0.00762	0.02034	0.00365
3	47	6	4706	20734	0.28442	0.03530	0.06347	0.01125	0.02125	0.00501	0.36999	0.03181	0.07815	0.01045	0.02616	0.00498
3	47	7	4707	22698	0.13641	0.01938	0.02676	0.00524	0.00842	0.00216	0.27481	0.02133	0.05375	0.00619	0.01740	0.00280
3	47	8	4708	20915	0.20815	0.03323	0.04380	0.00999	0.01421	0.00437	0.35209	0.02652	0.07271	0.00833	0.02400	0.00433
3	47	9	4709	9129	0.14317	0.02166	0.02826	0.00578	0.00883	0.00235	0.25510	0.02517	0.04930	0.00678	0.01596	0.00338
3	47	10	4710	13174	0.19439	0.02663	0.03975	0.00737	0.01270	0.00304	0.28918	0.03254	0.05732	0.00880	0.01872	0.00369
3	47	11	4711	15097	0.23751	0.03235	0.04957	0.00970	0.01591	0.00422	0.34042	0.03485	0.06902	0.01004	0.02259	0.00437
3	47	12	4712	9770	0.28519	0.03360	0.06341	0.01085	0.02134	0.00485	0.33895	0.02859	0.06857	0.00818	0.02248	0.00395
3	47	13	4713	12347	0.33288	0.03976	0.07691	0.01352	0.02639	0.00614	0.37132	0.03470	0.07683	0.00964	0.02533	0.00430
3	47	14	4714	29095	0.07648	0.01591	0.01351	0.00381	0.00392	0.00142	0.30469	0.03462	0.05991	0.00920	0.01930	0.00387
3	48	1	4801	20204	0.23182	0.03987	0.04976	0.01121	0.01645	0.00454	0.23016	0.04410	0.03956	0.01040	0.01162	0.00413
3	48	2	4802	20637	0.25057	0.04050	0.05259	0.01160	0.01693	0.00476	0.23782	0.03701	0.04052	0.00782	0.01189	0.00280
3	48	3	4803	69960	0.07679	0.01430	0.01413	0.00346	0.00424	0.00131	0.27494	0.03122	0.04701	0.00764	0.01368	0.00310
3	48	4	4804	62939	0.08447	0.01681	0.01546	0.00422	0.00462	0.00169	0.27325	0.03435	0.04614	0.00810	0.01321	0.00314
3	48	5	4805	55163	0.10023	0.01832	0.01928	0.00472	0.00596	0.00193	0.25544	0.03163	0.04363	0.00762	0.01277	0.00316
3	48	6	4806	45691	0.11336	0.01651	0.02245	0.00445	0.00712	0.00195	0.26252	0.03013	0.04452	0.00747	0.01286	0.00293
3	48	7	4807	48760	0.13945	0.01956	0.02713	0.00492	0.00841	0.00201	0.20976	0.02561	0.03475	0.00591	0.00989	0.00226
3	48	8	4808	36933	0.10904	0.02422	0.01985	0.00591	0.00590	0.00219	0.21000	0.02662	0.03432	0.00712	0.00984	0.00305
3	48	9	4809	34360	0.17119	0.02669	0.03286	0.00685	0.00998	0.00270	0.24531	0.02759	0.04102	0.00736	0.01193	0.00337
3	48	10	4810	22760	0.16030	0.02542	0.03061	0.00679	0.00937	0.00283	0.22913	0.03289	0.03810	0.00781	0.01102	0.00321
3	48	11	4811	45001	0.09200	0.01961	0.01720	0.00484	0.00524	0.00190	0.21979	0.03072	0.03656	0.00740	0.01047	0.00334
3	48	12	4812	34182	0.08838	0.01923	0.01602	0.00464	0.00476	0.00176	0.22090	0.02458	0.03595	0.00556	0.01016	0.00236
3	48	13	4813	26757	0.09518	0.01965	0.01741	0.00482	0.00512	0.00186	0.23562	0.03535	0.03921	0.00874	0.01138	0.00376
3	48	14	4814	29051	0.12417	0.02286	0.02283	0.00555	0.00675	0.00210	0.21511	0.03040	0.03528	0.00737	0.01013	0.00302
3	48	15	4815	60566	0.10730	0.01780	0.01982	0.00422	0.00592	0.00167	0.23632	0.03072	0.03955	0.00719	0.01138	0.00276
3	48	16	4816	25990	0.18090	0.03455	0.03599	0.00890	0.01129	0.00340	0.26142	0.03525	0.04420	0.00821	0.01283	0.00330
3	49	1	4901	93663	0.07997	0.01577	0.01451	0.00378	0.00431	0.00143	0.24504	0.02689	0.04100	0.00647	0.01190	0.00277
3	49	2	4902	37655	0.16617	0.02316	0.03176	0.00587	0.00969	0.00241	0.19464	0.02468	0.03170	0.00538	0.00912	0.00217
3	49	3	4903	41801	0.04589	0.01230	0.00805	0.00299	0.00239	0.00125	0.32892	0.05161	0.05930	0.01347	0.01767	0.00543

Geographic/administrative information					Measures of food insecurity											
					Food poverty prevalence		Food poverty gap		Food poverty severity		Low kilocalorie intake prevalence		Low kilocalorie intake gap		Low kilocalorie intake severity	
Region	dcode	Ilaka	ilakaid	Total population	P0	seP0	P1	seP1	P2	seP2	K0	seK0	K1	seK1	K2	seK2
3	49	4	4904	31514	0.06481	0.01852	0.01145	0.00446	0.00336	0.00176	0.23445	0.03238	0.03899	0.00689	0.01109	0.00273
3	49	5	4905	23716	0.09759	0.02214	0.01772	0.00520	0.00524	0.00199	0.25064	0.03967	0.04184	0.00948	0.01203	0.00397
3	49	6	4906	5228	0.19900	0.06303	0.03855	0.01699	0.01164	0.00670	0.21673	0.05038	0.03574	0.01051	0.01044	0.00419
3	49	7	4907	10082	0.05432	0.02552	0.00978	0.00634	0.00300	0.00261	0.21645	0.04789	0.03611	0.01114	0.01034	0.00419
3	49	8	4908	44507	0.08501	0.02323	0.01552	0.00597	0.00464	0.00234	0.27932	0.04223	0.04804	0.01056	0.01397	0.00437
3	49	9	4909	25892	0.12475	0.02554	0.02364	0.00639	0.00717	0.00257	0.22033	0.03196	0.03659	0.00796	0.01070	0.00348
3	49	10	4910	23723	0.13033	0.02426	0.02408	0.00589	0.00711	0.00231	0.22549	0.03209	0.03824	0.00774	0.01117	0.00328
3	49	11	4911	63331	0.08036	0.01759	0.01454	0.00431	0.00433	0.00170	0.22148	0.03090	0.03639	0.00711	0.01045	0.00289
3	49	12	4912	53850	0.21309	0.02859	0.04218	0.00758	0.01310	0.00302	0.22636	0.03098	0.03759	0.00754	0.01091	0.00324
3	49	13	4913	41405	0.19905	0.02802	0.03888	0.00744	0.01197	0.00297	0.20764	0.03033	0.03438	0.00691	0.00991	0.00251
3	49	14	4914	47838	0.22740	0.02927	0.04533	0.00815	0.01409	0.00329	0.20069	0.02872	0.03281	0.00581	0.00938	0.00223
3	49	15	4915	39002	0.26188	0.03056	0.05314	0.00900	0.01670	0.00372	0.19827	0.02540	0.03314	0.00602	0.00975	0.00263
3	49	16	4916	54319	0.23903	0.02766	0.04783	0.00804	0.01485	0.00327	0.19998	0.02805	0.03302	0.00587	0.00967	0.00235
3	49	17	4917	55095	0.20400	0.02975	0.04036	0.00757	0.01249	0.00292	0.21550	0.03078	0.03555	0.00628	0.01031	0.00236
3	49	18	4918	118462	0.10142	0.01543	0.01911	0.00364	0.00584	0.00133	0.39348	0.03452	0.07359	0.00919	0.02229	0.00352
3	49	19	4919	63483	0.14959	0.02097	0.02990	0.00596	0.00940	0.00245	0.30695	0.03177	0.05347	0.00730	0.01566	0.00272
3	50	1	5001	42400	0.10118	0.01731	0.01892	0.00455	0.00577	0.00188	0.21513	0.02564	0.03536	0.00641	0.01016	0.00266
3	50	2	5002	33687	0.22903	0.03386	0.04592	0.00916	0.01429	0.00355	0.23364	0.03107	0.03896	0.00683	0.01132	0.00262
3	50	3	5003	31907	0.25097	0.03078	0.05138	0.00876	0.01628	0.00354	0.20046	0.02964	0.03264	0.00683	0.00934	0.00267
3	50	4	5004	34649	0.22431	0.02821	0.04485	0.00791	0.01397	0.00319	0.20968	0.02990	0.03396	0.00693	0.00959	0.00271
3	50	5	5005	44535	0.11747	0.01955	0.02218	0.00494	0.00675	0.00194	0.23060	0.02781	0.03940	0.00655	0.01169	0.00265
3	50	6	5006	10847	0.24617	0.04512	0.05009	0.01226	0.01565	0.00489	0.21870	0.03918	0.03583	0.00879	0.01020	0.00359
3	50	7	5007	23738	0.21706	0.02784	0.04274	0.00778	0.01325	0.00318	0.19382	0.02611	0.03161	0.00620	0.00908	0.00259
3	50	8	5008	26084	0.23930	0.02599	0.04795	0.00733	0.01503	0.00319	0.19288	0.03061	0.03151	0.00609	0.00909	0.00227
3	50	9	5009	32531	0.19966	0.02464	0.04051	0.00723	0.01277	0.00309	0.25176	0.02846	0.04245	0.00659	0.01226	0.00253
3	50	10	5010	34216	0.15963	0.02386	0.03122	0.00651	0.00966	0.00268	0.24967	0.02477	0.04131	0.00596	0.01169	0.00237
3	50	11	5011	28264	0.23503	0.02516	0.04660	0.00665	0.01436	0.00260	0.22666	0.02793	0.03711	0.00646	0.01052	0.00249
3	50	12	5012	40913	0.23831	0.03229	0.04782	0.00938	0.01493	0.00374	0.21806	0.03223	0.03605	0.00711	0.01030	0.00269
3	50	13	5013	46828	0.27883	0.02826	0.05902	0.00874	0.01907	0.00363	0.30012	0.03228	0.05263	0.00780	0.01559	0.00317
3	50	14	5014	60937	0.20793	0.02594	0.04184	0.00767	0.01316	0.00321	0.27070	0.03009	0.04541	0.00692	0.01287	0.00263
3	50	15	5015	47870	0.22265	0.02792	0.04464	0.00789	0.01388	0.00313	0.23461	0.02604	0.03867	0.00631	0.01102	0.00260
3	50	16	5016	30428	0.27097	0.03381	0.05930	0.01059	0.01964	0.00468	0.24035	0.03058	0.03962	0.00676	0.01126	0.00253
3	51	1	5101	14435	0.18535	0.02813	0.03746	0.00796	0.01183	0.00321	0.27493	0.02410	0.05457	0.00731	0.01793	0.00366
3	51	2	5102	15531	0.17862	0.02574	0.03552	0.00674	0.01113	0.00276	0.23841	0.02432	0.04522	0.00628	0.01442	0.00275
3	51	3	5103	18738	0.18204	0.02873	0.03645	0.00785	0.01147	0.00312	0.27888	0.02417	0.05426	0.00694	0.01748	0.00325
3	51	4	5104	13198	0.14134	0.02515	0.02755	0.00665	0.00860	0.00263	0.24955	0.03053	0.04765	0.00814	0.01519	0.00380
3	51	5	5105	24012	0.26630	0.03347	0.05737	0.00955	0.01879	0.00391	0.30306	0.03088	0.06011	0.00854	0.01963	0.00383
3	51	6	5106	21900	0.25061	0.03987	0.05334	0.01118	0.01745	0.00456	0.35194	0.03339	0.07206	0.00960	0.02393	0.00455
3	51	7	5107	21473	0.32689	0.04380	0.07338	0.01347	0.02465	0.00587	0.36585	0.03875	0.07673	0.01127	0.02553	0.00513

Geographic/administrative information					Measures of food insecurity											
					Food poverty prevalence		Food poverty gap		Food poverty severity		Low kilocalorie intake prevalence		Low kilocalorie intake gap		Low kilocalorie intake severity	
Region	dcode	Ilaka	ilakaid	Total population	P0	seP0	P1	seP1	P2	seP2	K0	seK0	K1	seK1	K2	seK2
3	51	8	5108	25857	0.17071	0.02141	0.03488	0.00595	0.01112	0.00245	0.29171	0.02207	0.05772	0.00681	0.01883	0.00319
3	51	9	5109	12666	0.24465	0.02847	0.05209	0.00888	0.01692	0.00401	0.28190	0.02945	0.05579	0.00858	0.01830	0.00399
3	51	10	5110	14221	0.22935	0.03065	0.04797	0.00890	0.01547	0.00384	0.28211	0.02656	0.05559	0.00793	0.01790	0.00371
3	51	11	5111	14864	0.21350	0.02648	0.04376	0.00755	0.01400	0.00323	0.28627	0.03223	0.05571	0.00863	0.01786	0.00371
4	52	1	5201	16794	0.34846	0.03170	0.08819	0.01142	0.03267	0.00557	0.40500	0.02867	0.09171	0.01111	0.03243	0.00574
4	52	2	5202	17668	0.39277	0.03513	0.10184	0.01447	0.03835	0.00793	0.39478	0.03021	0.08758	0.00954	0.03063	0.00460
4	52	3	5203	17466	0.40739	0.03579	0.10847	0.01394	0.04155	0.00699	0.44127	0.03242	0.10189	0.01021	0.03620	0.00485
4	52	4	5204	19896	0.44466	0.03720	0.11910	0.01463	0.04571	0.00750	0.49548	0.03409	0.11809	0.01305	0.04260	0.00645
4	52	5	5205	20954	0.46998	0.03541	0.13053	0.01504	0.05136	0.00790	0.47453	0.03104	0.11133	0.01169	0.03987	0.00573
4	52	6	5206	13869	0.33360	0.03345	0.08284	0.01212	0.03033	0.00574	0.39354	0.03000	0.08714	0.01040	0.03056	0.00514
4	52	7	5207	25364	0.34278	0.02880	0.08671	0.01168	0.03225	0.00596	0.38901	0.02812	0.08601	0.00988	0.03009	0.00479
4	52	8	5208	19109	0.36990	0.03085	0.09337	0.01142	0.03461	0.00565	0.38587	0.02737	0.08559	0.00986	0.03007	0.00494
4	52	9	5209	29920	0.45253	0.02600	0.12175	0.01238	0.04673	0.00679	0.42705	0.02794	0.09636	0.00941	0.03401	0.00461
4	52	10	5210	22532	0.44649	0.03619	0.11872	0.01488	0.04507	0.00751	0.42294	0.03415	0.09566	0.01208	0.03389	0.00620
4	52	11	5211	23224	0.35738	0.03533	0.09311	0.01327	0.03536	0.00654	0.41318	0.02771	0.09376	0.00977	0.03329	0.00517
4	53	1	5301	26488	0.34268	0.03989	0.08422	0.01330	0.03051	0.00600	0.34353	0.03257	0.07439	0.00980	0.02577	0.00472
4	53	2	5302	20673	0.37441	0.03544	0.09409	0.01238	0.03476	0.00578	0.38744	0.03099	0.08619	0.00938	0.03020	0.00446
4	53	3	5303	27831	0.40675	0.03392	0.10496	0.01285	0.03938	0.00643	0.41626	0.02778	0.09341	0.00971	0.03298	0.00495
4	53	4	5304	16504	0.43182	0.03923	0.11291	0.01454	0.04244	0.00711	0.34544	0.03030	0.07423	0.00898	0.02564	0.00434
4	53	5	5305	14883	0.38523	0.03795	0.09661	0.01401	0.03550	0.00679	0.31784	0.03279	0.06659	0.01027	0.02271	0.00487
4	53	6	5306	18077	0.31993	0.04067	0.07579	0.01397	0.02694	0.00639	0.26618	0.03293	0.05485	0.00851	0.01863	0.00367
4	53	7	5307	20943	0.32126	0.04442	0.07574	0.01401	0.02676	0.00601	0.29508	0.03743	0.06153	0.01034	0.02113	0.00453
4	53	8	5308	20365	0.29955	0.04572	0.06943	0.01382	0.02427	0.00585	0.28196	0.04557	0.05751	0.01148	0.01937	0.00464
4	53	9	5309	17749	0.31642	0.04247	0.07622	0.01338	0.02753	0.00590	0.26288	0.04388	0.05343	0.01066	0.01807	0.00426
4	53	10	5310	20592	0.32554	0.04344	0.07754	0.01379	0.02764	0.00611	0.32350	0.04138	0.06729	0.01174	0.02276	0.00514
4	53	11	5311	17072	0.35132	0.04623	0.08477	0.01573	0.03030	0.00733	0.35965	0.04105	0.07752	0.01246	0.02681	0.00558
4	54	1	5401	27335	0.25538	0.03433	0.05862	0.01116	0.02052	0.00523	0.32818	0.03888	0.06990	0.01190	0.02410	0.00545
4	54	2	5402	19941	0.29998	0.03912	0.06927	0.01269	0.02406	0.00579	0.31466	0.03335	0.06646	0.00960	0.02282	0.00462
4	54	3	5403	12123	0.36494	0.04150	0.09212	0.01491	0.03412	0.00734	0.35993	0.03414	0.07848	0.00987	0.02719	0.00458
4	54	4	5404	9009	0.27897	0.04508	0.06359	0.01314	0.02199	0.00567	0.42984	0.05376	0.10050	0.01855	0.03629	0.00880
4	54	5	5405	13616	0.30446	0.03747	0.07250	0.01286	0.02595	0.00598	0.38260	0.03893	0.08581	0.01258	0.03039	0.00584
4	54	6	5406	12738	0.34990	0.04004	0.08559	0.01477	0.03096	0.00737	0.33870	0.03362	0.07194	0.00962	0.02479	0.00443
4	54	7	5407	18273	0.32360	0.04030	0.07800	0.01406	0.02826	0.00678	0.35790	0.03915	0.07803	0.01169	0.02730	0.00527
4	54	8	5408	26314	0.22743	0.03180	0.05032	0.00944	0.01718	0.00419	0.29163	0.03706	0.05969	0.01053	0.02018	0.00479
4	54	9	5409	21149	0.32470	0.03806	0.07746	0.01286	0.02752	0.00590	0.35317	0.04093	0.07462	0.01092	0.02552	0.00457
4	54	10	5410	33457	0.43757	0.04087	0.11385	0.01553	0.04270	0.00750	0.46808	0.03300	0.10891	0.01194	0.03890	0.00568
4	54	11	5411	13335	0.36790	0.04093	0.09115	0.01420	0.03337	0.00682	0.40674	0.03340	0.08990	0.01129	0.03123	0.00548
4	55	1	5501	23005	0.38822	0.03557	0.09770	0.01333	0.03593	0.00661	0.45586	0.02969	0.10595	0.01075	0.03788	0.00539
4	55	2	5502	16624	0.36775	0.03793	0.09202	0.01423	0.03377	0.00682	0.43856	0.03115	0.10099	0.01040	0.03617	0.00526

Geographic/administrative information					Measures of food insecurity											
					Food poverty prevalence		Food poverty gap		Food poverty severity		Low kilocalorie intake prevalence		Low kilocalorie intake gap		Low kilocalorie intake severity	
Region	dcode	Ilaka	ilakaid	Total population	P0	seP0	P1	seP1	P2	seP2	K0	seK0	K1	seK1	K2	seK2
4	55	3	5503	18204	0.38065	0.03720	0.09590	0.01315	0.03551	0.00635	0.43240	0.03391	0.09846	0.01114	0.03515	0.00543
4	55	4	5504	25536	0.35824	0.03399	0.08914	0.01217	0.03246	0.00591	0.39708	0.02756	0.08955	0.00964	0.03181	0.00481
4	55	5	5505	19200	0.28098	0.03243	0.06748	0.01083	0.02429	0.00512	0.40406	0.03518	0.09120	0.01285	0.03222	0.00635
4	55	6	5506	14587	0.46940	0.04076	0.12641	0.01723	0.04853	0.00928	0.49974	0.03757	0.11910	0.01268	0.04311	0.00655
4	55	7	5507	24039	0.34240	0.03235	0.08395	0.01114	0.03048	0.00514	0.44220	0.02911	0.10191	0.01040	0.03633	0.00526
4	55	8	5508	23011	0.32809	0.03528	0.07792	0.01298	0.02766	0.00614	0.41870	0.04293	0.09541	0.01480	0.03377	0.00689
4	55	9	5509	24972	0.27703	0.03492	0.06264	0.01067	0.02157	0.00465	0.34416	0.03238	0.07376	0.01010	0.02543	0.00478
4	55	10	5510	18420	0.37071	0.04186	0.09005	0.01465	0.03244	0.00692	0.41135	0.03384	0.09039	0.01103	0.03151	0.00552
4	55	11	5511	34118	0.28037	0.03535	0.06361	0.01115	0.02204	0.00490	0.33594	0.03443	0.07084	0.00915	0.02417	0.00400
4	56	1	5601	12101	0.13391	0.03996	0.02815	0.01189	0.00949	0.00549	0.31541	0.05249	0.05876	0.01486	0.01811	0.00652
4	56	2	5602	24803	0.30707	0.04385	0.07541	0.01460	0.02759	0.00661	0.34656	0.04370	0.06556	0.01185	0.02046	0.00482
4	56	3	5603	26695	0.28664	0.03875	0.06958	0.01322	0.02523	0.00605	0.33230	0.04169	0.06173	0.01138	0.01902	0.00481
4	56	4	5604	62820	0.23220	0.02543	0.05232	0.00840	0.01820	0.00384	0.34229	0.03122	0.06444	0.00846	0.01987	0.00376
4	56	5	5605	57555	0.19493	0.02766	0.04263	0.00844	0.01447	0.00371	0.34109	0.03163	0.06505	0.00983	0.02033	0.00441
4	56	6	5606	38407	0.29852	0.03767	0.06919	0.01280	0.02425	0.00594	0.38834	0.04149	0.07609	0.01170	0.02408	0.00504
4	56	7	5607	48964	0.19110	0.02579	0.04196	0.00794	0.01432	0.00349	0.32246	0.03333	0.05981	0.00835	0.01838	0.00331
4	56	8	5608	5293	0.19184	0.05023	0.04074	0.01577	0.01346	0.00703	0.34597	0.06243	0.06502	0.01636	0.02026	0.00707
4	56	9	5609	25624	0.16276	0.02950	0.03394	0.00841	0.01128	0.00354	0.31902	0.03768	0.05907	0.00944	0.01814	0.00409
4	56	10	5610	27469	0.20882	0.04409	0.04736	0.01441	0.01671	0.00667	0.27539	0.04736	0.05013	0.01157	0.01522	0.00463
4	56	11	5611	24443	0.19356	0.02757	0.04195	0.00944	0.01428	0.00479	0.29409	0.03759	0.05376	0.00924	0.01662	0.00386
4	56	12	5612	23990	0.19311	0.03610	0.04242	0.01148	0.01448	0.00517	0.27752	0.04070	0.05101	0.01109	0.01586	0.00471
4	56	13	5613	55512	0.15986	0.02308	0.03355	0.00688	0.01117	0.00294	0.28421	0.03078	0.05204	0.00723	0.01596	0.00288
4	56	14	5614	62928	0.19296	0.02346	0.04283	0.00734	0.01474	0.00338	0.30023	0.03589	0.05510	0.00886	0.01681	0.00340
4	56	15	5615	51537	0.21502	0.02845	0.04857	0.00897	0.01691	0.00392	0.31636	0.03804	0.05919	0.00973	0.01843	0.00392
4	57	1	5701	21032	0.30530	0.03346	0.06989	0.01048	0.02407	0.00483	0.30794	0.03322	0.05612	0.00890	0.01712	0.00376
4	57	2	5702	38209	0.24238	0.03605	0.05341	0.01134	0.01805	0.00502	0.29338	0.04060	0.05462	0.01074	0.01707	0.00464
4	57	3	5703	35647	0.18541	0.02850	0.03930	0.00830	0.01304	0.00356	0.26334	0.03282	0.04806	0.00775	0.01473	0.00304
4	57	4	5704	70647	0.10983	0.01449	0.02242	0.00441	0.00741	0.00200	0.27727	0.02817	0.05060	0.00760	0.01560	0.00332
4	57	5	5705	27891	0.17208	0.03192	0.03662	0.00901	0.01227	0.00398	0.29702	0.04227	0.05493	0.01157	0.01692	0.00502
4	57	6	5706	20633	0.27072	0.03236	0.06089	0.01002	0.02081	0.00462	0.33861	0.03856	0.06433	0.01058	0.02012	0.00445
4	57	7	5707	14655	0.22172	0.03536	0.04879	0.01087	0.01656	0.00480	0.33608	0.03780	0.06383	0.01068	0.02020	0.00501
4	57	8	5708	15740	0.11203	0.02355	0.02319	0.00692	0.00773	0.00318	0.30071	0.04759	0.05551	0.01195	0.01705	0.00485
4	57	9	5709	18244	0.23920	0.03301	0.05352	0.01132	0.01837	0.00525	0.34943	0.03432	0.06655	0.01124	0.02082	0.00526
4	57	10	5710	54418	0.13572	0.02475	0.02775	0.00750	0.00907	0.00341	0.25824	0.03237	0.04594	0.00818	0.01401	0.00348
4	57	11	5711	34735	0.18220	0.02761	0.03882	0.00816	0.01293	0.00354	0.24654	0.02936	0.04406	0.00809	0.01350	0.00353
4	57	12	5712	27854	0.19475	0.02601	0.04228	0.00736	0.01424	0.00329	0.29359	0.02509	0.05358	0.00765	0.01632	0.00339
4	57	13	5713	32956	0.14438	0.02550	0.03077	0.00735	0.01031	0.00318	0.26860	0.03294	0.04865	0.00889	0.01494	0.00379
4	57	14	5714	72503	0.20205	0.02523	0.04504	0.00792	0.01543	0.00344	0.33284	0.02815	0.06297	0.00811	0.01964	0.00357
4	58	1	5801	41149	0.17145	0.02971	0.03636	0.00940	0.01209	0.00421	0.25773	0.03697	0.04625	0.00932	0.01409	0.00387

Geographic/administrative information					Measures of food insecurity											
					Food poverty prevalence		Food poverty gap		Food poverty severity		Low kilocalorie intake prevalence		Low kilocalorie intake gap		Low kilocalorie intake severity	
Region	dcode	Ilaka	ilakaid	Total population	P0	seP0	P1	seP1	P2	seP2	K0	seK0	K1	seK1	K2	seK2
4	58	2	5802	22287	0.14682	0.03105	0.03061	0.00887	0.01004	0.00411	0.25822	0.04887	0.04753	0.01313	0.01495	0.00612
4	58	3	5803	40307	0.17234	0.03579	0.03647	0.01070	0.01217	0.00498	0.26376	0.04101	0.04756	0.01127	0.01453	0.00499
4	58	4	5804	41815	0.18889	0.03816	0.04098	0.01094	0.01388	0.00468	0.28901	0.04145	0.05277	0.01086	0.01644	0.00502
4	58	5	5805	26197	0.19522	0.03584	0.04109	0.01024	0.01353	0.00454	0.31841	0.04010	0.05889	0.01085	0.01822	0.00498
4	58	6	5806	10932	0.24490	0.05306	0.05310	0.01631	0.01793	0.00765	0.31515	0.06158	0.05758	0.01719	0.01773	0.00800
4	58	7	5807	8431	0.14566	0.04389	0.03077	0.01264	0.01034	0.00562	0.21465	0.04411	0.03850	0.01168	0.01180	0.00515
4	58	8	5808	41107	0.16413	0.02524	0.03424	0.00727	0.01123	0.00329	0.25547	0.03094	0.04594	0.00768	0.01420	0.00321
4	58	9	5809	31268	0.17292	0.02868	0.03637	0.00898	0.01221	0.00426	0.28440	0.03527	0.05249	0.00974	0.01654	0.00454
4	58	10	5810	23419	0.20661	0.03055	0.04436	0.00960	0.01490	0.00439	0.30035	0.02991	0.05557	0.00760	0.01711	0.00326
4	58	11	5811	32250	0.19603	0.03433	0.04251	0.01063	0.01442	0.00481	0.31130	0.03665	0.05778	0.01036	0.01787	0.00465
4	58	12	5812	20188	0.17217	0.02949	0.03596	0.00861	0.01190	0.00381	0.30602	0.03635	0.05596	0.00941	0.01711	0.00398
4	58	13	5813	28514	0.20199	0.02887	0.04265	0.00839	0.01409	0.00379	0.29914	0.03535	0.05440	0.00890	0.01660	0.00381
4	58	14	5814	55747	0.31372	0.03790	0.07651	0.01322	0.02771	0.00610	0.31008	0.03879	0.05726	0.01005	0.01756	0.00398
4	59	1	5901	42895	0.25367	0.03606	0.05900	0.01223	0.02081	0.00571	0.44517	0.03827	0.10312	0.01291	0.03675	0.00628
4	59	2	5902	28290	0.27823	0.03868	0.06422	0.01143	0.02246	0.00512	0.41728	0.03087	0.09434	0.01067	0.03358	0.00547
4	59	3	5903	23939	0.35902	0.03326	0.09133	0.01318	0.03407	0.00676	0.45483	0.03637	0.10515	0.01250	0.03758	0.00641
4	59	4	5904	21181	0.25957	0.02799	0.06060	0.00884	0.02148	0.00429	0.38492	0.02988	0.08513	0.00938	0.02973	0.00460
4	59	5	5905	22683	0.34158	0.03368	0.08363	0.01110	0.03033	0.00509	0.38608	0.02749	0.08527	0.00852	0.02991	0.00420
4	59	6	5906	20437	0.42723	0.03520	0.10997	0.01325	0.04096	0.00646	0.44801	0.02909	0.10147	0.00997	0.03570	0.00486
4	59	7	5907	22815	0.35690	0.04472	0.08818	0.01499	0.03205	0.00678	0.47379	0.02741	0.11096	0.01032	0.04002	0.00565
4	59	8	5908	25841	0.19179	0.03328	0.04241	0.00940	0.01452	0.00400	0.39886	0.03520	0.08892	0.01205	0.03160	0.00621
4	59	9	5909	25111	0.35173	0.03849	0.08805	0.01390	0.03243	0.00668	0.43661	0.03136	0.10023	0.01043	0.03568	0.00519
4	59	10	5910	30558	0.40392	0.03323	0.10409	0.01254	0.03905	0.00639	0.47037	0.02865	0.10909	0.00997	0.03898	0.00503
4	59	11	5911	31654	0.40782	0.03933	0.10601	0.01506	0.03980	0.00729	0.46880	0.03141	0.10995	0.01111	0.03951	0.00551
4	59	12	5912	47914	0.14430	0.01784	0.03092	0.00533	0.01053	0.00239	0.39300	0.02706	0.08708	0.00873	0.03047	0.00408
4	60	1	6001	2721	0.23092	0.05876	0.05324	0.01845	0.01900	0.00911	0.46295	0.06502	0.10907	0.02401	0.03916	0.01224
4	60	2	6002	22585	0.33155	0.03382	0.07938	0.01109	0.02831	0.00495	0.35216	0.02745	0.07622	0.00847	0.02647	0.00419
4	60	3	6003	20802	0.39712	0.03600	0.10053	0.01324	0.03720	0.00645	0.39454	0.03128	0.08777	0.00944	0.03103	0.00434
4	60	4	6004	21723	0.28240	0.03359	0.06416	0.01019	0.02213	0.00455	0.30154	0.03637	0.06369	0.00889	0.02198	0.00367
4	60	5	6005	24150	0.29370	0.03483	0.06927	0.01111	0.02467	0.00515	0.35202	0.03161	0.07562	0.00936	0.02619	0.00426
4	60	6	6006	11045	0.33196	0.04345	0.08010	0.01497	0.02869	0.00682	0.38239	0.04412	0.08488	0.01401	0.02992	0.00673
4	60	7	6007	25041	0.33387	0.03168	0.07988	0.01142	0.02850	0.00539	0.40048	0.02810	0.08857	0.00968	0.03087	0.00472
4	60	8	6008	37406	0.33309	0.03125	0.08030	0.01090	0.02878	0.00519	0.38146	0.02642	0.08404	0.00856	0.02942	0.00415
4	60	9	6009	38750	0.37463	0.04156	0.09260	0.01406	0.03372	0.00641	0.40929	0.03320	0.09080	0.01000	0.03172	0.00458
4	60	10	6010	13711	0.38135	0.04865	0.09606	0.01650	0.03545	0.00771	0.40573	0.03550	0.09053	0.01168	0.03171	0.00557
4	60	11	6011	21811	0.41944	0.03628	0.10773	0.01465	0.04003	0.00757	0.43246	0.03355	0.09844	0.01225	0.03504	0.00621
4	60	12	6012	21110	0.27718	0.04562	0.06613	0.01477	0.02365	0.00717	0.37684	0.06211	0.08235	0.01859	0.02898	0.00867
4	61	1	6101	20103	0.25986	0.04217	0.05845	0.01294	0.02023	0.00589	0.34873	0.04235	0.07467	0.01372	0.02598	0.00682
4	61	2	6102	13412	0.32895	0.03796	0.07844	0.01252	0.02801	0.00594	0.43298	0.03860	0.09908	0.01381	0.03535	0.00735

Geographic/administrative information					Measures of food insecurity											
					Food poverty prevalence		Food poverty gap		Food poverty severity		Low kilocalorie intake prevalence		Low kilocalorie intake gap		Low kilocalorie intake severity	
Region	dcode	Ilaka	ilakaid	Total population	P0	seP0	P1	seP1	P2	seP2	K0	seK0	K1	seK1	K2	seK2
4	61	3	6103	19325	0.40810	0.04120	0.10299	0.01612	0.03797	0.00780	0.44075	0.03766	0.09838	0.01221	0.03429	0.00602
4	61	4	6104	17379	0.45011	0.04577	0.11759	0.01699	0.04414	0.00822	0.46007	0.03662	0.10512	0.01124	0.03706	0.00565
4	61	5	6105	7564	0.43295	0.05232	0.11144	0.01974	0.04158	0.00954	0.48239	0.04491	0.11509	0.01545	0.04198	0.00770
4	61	6	6106	11891	0.40683	0.04639	0.10231	0.01787	0.03745	0.00862	0.43887	0.04056	0.09849	0.01328	0.03436	0.00651
4	61	7	6107	16103	0.38645	0.05301	0.09649	0.01705	0.03514	0.00773	0.38500	0.04162	0.08442	0.01288	0.02955	0.00618
4	61	8	6108	17401	0.31422	0.04820	0.07225	0.01547	0.02489	0.00671	0.31822	0.04112	0.06711	0.01231	0.02304	0.00588
4	61	9	6109	15269	0.34128	0.04225	0.08133	0.01483	0.02895	0.00687	0.37661	0.04154	0.08218	0.01322	0.02860	0.00625
4	61	10	6110	19651	0.38419	0.04142	0.09381	0.01544	0.03386	0.00743	0.38307	0.03473	0.08277	0.01098	0.02865	0.00527
4	61	11	6111	12008	0.30479	0.05429	0.06937	0.01595	0.02376	0.00717	0.32356	0.04539	0.06880	0.01376	0.02402	0.00671
4	62	1	6201	7447	0.37502	0.05023	0.09599	0.01767	0.03610	0.00839	0.51681	0.06510	0.13798	0.02616	0.05481	0.01313
4	62	2	6202	6699	0.41479	0.05100	0.10644	0.01690	0.03959	0.00780	0.50762	0.05853	0.13301	0.02395	0.05177	0.01207
4	62	3	6203	3806	0.47694	0.06151	0.12784	0.02218	0.04877	0.01093	0.47859	0.06598	0.12292	0.02661	0.04736	0.01340
4	62	4	6204	5129	0.47511	0.05075	0.12856	0.01864	0.04959	0.00936	0.46984	0.05328	0.12046	0.02029	0.04704	0.01055
4	62	5	6205	2273	0.30746	0.06034	0.07437	0.01829	0.02700	0.00831	0.39371	0.06955	0.09584	0.02500	0.03682	0.01280
4	62	6	6206	1473	0.35430	0.06684	0.08636	0.02127	0.03117	0.00969	0.44498	0.06973	0.11312	0.02506	0.04357	0.01218
4	62	7	6207	3752	0.22411	0.05282	0.04979	0.01547	0.01719	0.00678	0.32203	0.06668	0.07363	0.02145	0.02681	0.00977
4	62	8	6208	4098	0.32083	0.05167	0.07785	0.01628	0.02807	0.00749	0.39423	0.06520	0.09598	0.02263	0.03613	0.01082
4	62	9	6209	1451	0.28876	0.06354	0.06653	0.02104	0.02306	0.00975	0.35112	0.07532	0.08052	0.02237	0.02963	0.01027
4	63	1	6301	16861	0.32100	0.04449	0.07534	0.01410	0.02649	0.00639	0.43013	0.05658	0.10756	0.02008	0.04091	0.00950
4	63	2	6302	14443	0.41103	0.04727	0.10363	0.01692	0.03814	0.00805	0.49221	0.06468	0.12711	0.02550	0.04933	0.01273
4	63	3	6303	8730	0.34670	0.05186	0.08350	0.01793	0.02992	0.00847	0.42251	0.06144	0.10342	0.02167	0.03928	0.01055
4	63	4	6304	14638	0.41381	0.04990	0.10607	0.01818	0.03941	0.00850	0.43804	0.06054	0.11095	0.02138	0.04282	0.01017
4	63	5	6305	13607	0.49629	0.04976	0.13434	0.01874	0.05143	0.00920	0.52730	0.05830	0.13993	0.02357	0.05538	0.01180
4	63	6	6306	5813	0.45786	0.05456	0.12027	0.02033	0.04557	0.01013	0.48943	0.05926	0.12713	0.02443	0.04962	0.01232
4	63	7	6307	16733	0.40205	0.05333	0.10148	0.01852	0.03749	0.00867	0.46595	0.06528	0.11761	0.02422	0.04510	0.01162
4	63	8	6308	10348	0.40826	0.05509	0.10423	0.01947	0.03874	0.00909	0.46316	0.06068	0.11634	0.02328	0.04470	0.01152
4	63	9	6309	6322	0.49976	0.05683	0.13653	0.02189	0.05282	0.01077	0.61375	0.06024	0.17561	0.02941	0.07187	0.01594
4	64	1	6401	18427	0.58404	0.04847	0.17750	0.02292	0.07364	0.01270	0.45131	0.04129	0.11225	0.01643	0.04265	0.00910
4	64	2	6402	11907	0.54742	0.04996	0.15892	0.02047	0.06396	0.01068	0.43529	0.03444	0.10741	0.01281	0.04055	0.00729
4	64	3	6403	16272	0.57591	0.04998	0.16880	0.02206	0.06839	0.01167	0.53706	0.03568	0.14257	0.01661	0.05625	0.00964
4	64	4	6404	12209	0.59905	0.05552	0.17935	0.02398	0.07367	0.01246	0.49555	0.02962	0.12307	0.01301	0.04651	0.00740
4	64	5	6405	21366	0.46874	0.05008	0.12557	0.01947	0.04802	0.00948	0.30903	0.04006	0.06810	0.01165	0.02437	0.00535
4	64	6	6406	18831	0.54141	0.04643	0.15765	0.01948	0.06344	0.01019	0.40346	0.03071	0.09730	0.01164	0.03648	0.00637
4	64	7	6407	12051	0.57778	0.04894	0.17072	0.02127	0.06928	0.01162	0.44718	0.03475	0.10974	0.01421	0.04152	0.00802
4	64	8	6408	10221	0.43477	0.05302	0.11454	0.01939	0.04341	0.00912	0.36743	0.03737	0.08607	0.01306	0.03169	0.00664
4	64	9	6409	15303	0.57406	0.04925	0.16646	0.02301	0.06683	0.01208	0.53399	0.05669	0.14322	0.02374	0.05645	0.01221
4	65	1	6501	11407	0.37488	0.05295	0.09442	0.01765	0.03492	0.00820	0.39964	0.05653	0.09861	0.02094	0.03770	0.01042
4	65	2	6502	10777	0.51863	0.05070	0.14619	0.02157	0.05761	0.01118	0.50296	0.06522	0.13039	0.02559	0.05034	0.01283
4	65	3	6503	1993	0.37817	0.06143	0.09531	0.02111	0.03568	0.01022	0.35837	0.06995	0.08403	0.02241	0.03121	0.01049

Geographic/administrative information					Measures of food insecurity											
					Food poverty prevalence		Food poverty gap		Food poverty severity		Low kilocalorie intake prevalence		Low kilocalorie intake gap		Low kilocalorie intake severity	
Region	dcode	Ilaka	ilakaid	Total population	P0	seP0	P1	seP1	P2	seP2	K0	seK0	K1	seK1	K2	seK2
4	65	4	6504	964	0.34983	0.07173	0.08683	0.02260	0.03194	0.01093	0.37243	0.07985	0.08762	0.02588	0.03217	0.01180
4	65	5	6505	7221	0.37858	0.06368	0.09168	0.02162	0.03284	0.00967	0.34184	0.07034	0.07815	0.02230	0.02863	0.01000
4	65	6	6506	5354	0.53816	0.05796	0.15354	0.02363	0.06102	0.01183	0.56460	0.06183	0.15619	0.02607	0.06256	0.01365
4	65	7	6507	6750	0.55287	0.05140	0.16521	0.02192	0.06827	0.01231	0.39264	0.03930	0.09447	0.01369	0.03529	0.00708
4	65	8	6508	5983	0.56586	0.05180	0.16784	0.02508	0.06902	0.01415	0.43466	0.03352	0.10890	0.01349	0.04144	0.00776
4	65	9	6509	4383	0.49918	0.05870	0.14256	0.02246	0.05689	0.01126	0.35059	0.04101	0.08520	0.01446	0.03230	0.00769
4	66	1	6601	7423	0.38471	0.04992	0.10120	0.01897	0.03859	0.00933	0.46676	0.05048	0.12319	0.02253	0.04887	0.01236
4	66	2	6602	5191	0.46971	0.05099	0.12651	0.01999	0.04840	0.00986	0.51460	0.06297	0.13949	0.02581	0.05549	0.01337
4	66	3	6603	2843	0.31713	0.04944	0.07728	0.01650	0.02818	0.00774	0.46095	0.06757	0.12112	0.02546	0.04777	0.01270
4	66	4	6604	4109	0.49336	0.05050	0.13674	0.02101	0.05364	0.01113	0.54209	0.06676	0.14829	0.02897	0.05928	0.01513
4	66	5	6605	6121	0.53183	0.05032	0.15434	0.02046	0.06234	0.01028	0.50340	0.05701	0.13149	0.02290	0.05157	0.01147
4	66	6	6606	4647	0.52551	0.05403	0.15056	0.02284	0.06030	0.01233	0.48300	0.05544	0.12579	0.02210	0.04924	0.01126
4	66	7	6607	4369	0.53239	0.05083	0.15086	0.02103	0.05969	0.01115	0.58161	0.06389	0.16326	0.02955	0.06578	0.01591
4	66	8	6608	9266	0.60957	0.05422	0.18105	0.02519	0.07338	0.01354	0.61220	0.06570	0.17413	0.03040	0.07087	0.01627
4	66	9	6609	5964	0.54595	0.05542	0.15416	0.02495	0.06053	0.01320	0.55786	0.06517	0.15281	0.02861	0.06096	0.01549
5	67	1	6701	18207	0.69878	0.04876	0.21319	0.02572	0.08626	0.01429	0.42881	0.03780	0.09155	0.01353	0.03062	0.00658
5	67	2	6702	12841	0.77906	0.04338	0.25781	0.02556	0.10986	0.01515	0.45399	0.03978	0.10002	0.01401	0.03412	0.00658
5	67	3	6703	12784	0.75123	0.04356	0.23848	0.02568	0.09865	0.01491	0.47490	0.04312	0.10793	0.01802	0.03753	0.00888
5	67	4	6704	10696	0.72456	0.04352	0.22349	0.02433	0.09106	0.01366	0.42459	0.03868	0.09100	0.01329	0.03062	0.00620
5	67	5	6705	13885	0.78294	0.05764	0.25775	0.03485	0.11001	0.02060	0.47740	0.04262	0.10807	0.01631	0.03736	0.00836
5	67	6	6706	11403	0.75197	0.05492	0.24426	0.03194	0.10306	0.01819	0.40195	0.04005	0.08563	0.01309	0.02875	0.00615
5	67	7	6707	14298	0.78766	0.04714	0.25524	0.02772	0.10700	0.01570	0.44503	0.03174	0.09727	0.01125	0.03296	0.00556
5	67	8	6708	21677	0.70696	0.04541	0.21510	0.02520	0.08672	0.01413	0.35700	0.03475	0.07288	0.01104	0.02419	0.00537
5	67	9	6709	18363	0.75650	0.04338	0.23623	0.02693	0.09637	0.01591	0.41417	0.04152	0.08703	0.01226	0.02899	0.00541
5	68	1	6801	13739	0.72090	0.05252	0.21930	0.02745	0.08833	0.01445	0.37018	0.03521	0.07654	0.01048	0.02533	0.00460
5	68	2	6802	14951	0.68296	0.05012	0.19938	0.02532	0.07825	0.01346	0.35497	0.04093	0.07258	0.01195	0.02367	0.00514
5	68	3	6803	23009	0.70183	0.04276	0.21452	0.02380	0.08699	0.01345	0.38351	0.03134	0.08065	0.01055	0.02679	0.00485
5	68	4	6804	10483	0.69478	0.04877	0.20306	0.02425	0.07962	0.01268	0.36893	0.03289	0.07500	0.00953	0.02454	0.00444
5	68	5	6805	16296	0.69757	0.04751	0.20831	0.02603	0.08305	0.01441	0.35650	0.04303	0.07305	0.01345	0.02400	0.00571
5	68	6	6806	15893	0.70210	0.04354	0.21305	0.02311	0.08593	0.01296	0.39985	0.03225	0.08421	0.00987	0.02822	0.00456
5	68	7	6807	12972	0.70556	0.05455	0.21751	0.03075	0.08865	0.01694	0.35412	0.03763	0.07328	0.01282	0.02432	0.00646
5	68	8	6808	21307	0.70899	0.05345	0.21226	0.02831	0.08485	0.01537	0.33742	0.03942	0.06857	0.01135	0.02265	0.00519
5	68	9	6809	15673	0.71641	0.04443	0.21601	0.02422	0.08628	0.01319	0.35126	0.03477	0.07179	0.01076	0.02374	0.00492
5	68	10	6810	25725	0.71063	0.05435	0.21117	0.02816	0.08382	0.01525	0.32623	0.04066	0.06348	0.01109	0.02032	0.00476
5	68	11	6811	24653	0.73345	0.05329	0.22192	0.02862	0.08865	0.01568	0.35013	0.03709	0.06988	0.01091	0.02271	0.00498
5	69	1	6901	21807	0.55804	0.05653	0.15160	0.02394	0.05709	0.01169	0.35292	0.03464	0.06928	0.00991	0.02161	0.00435
5	69	2	6902	14219	0.55143	0.04474	0.14863	0.01770	0.05570	0.00869	0.39772	0.03640	0.08079	0.01063	0.02577	0.00452
5	69	3	6903	12724	0.60187	0.05347	0.16310	0.02309	0.06104	0.01124	0.38862	0.03557	0.07684	0.00967	0.02409	0.00414
5	69	4	6904	20890	0.64090	0.04509	0.17617	0.02097	0.06633	0.01060	0.45549	0.03497	0.09211	0.01144	0.02906	0.00499

Geographic/administrative information					Measures of food insecurity											
					Food poverty prevalence		Food poverty gap		Food poverty severity		Low kilocalorie intake prevalence		Low kilocalorie intake gap		Low kilocalorie intake severity	
Region	dcode	Ilaka	ilakaid	Total population	P0	seP0	P1	seP1	P2	seP2	K0	seK0	K1	seK1	K2	seK2
5	69	5	6905	13967	0.47494	0.05141	0.11762	0.01930	0.04158	0.00899	0.34812	0.03307	0.06624	0.00980	0.02059	0.00442
5	69	6	6906	22536	0.61724	0.04659	0.16618	0.02104	0.06167	0.01051	0.43781	0.03252	0.08741	0.00922	0.02767	0.00407
5	69	7	6907	17359	0.59205	0.04455	0.16240	0.02219	0.06148	0.01167	0.41620	0.03729	0.08208	0.01057	0.02554	0.00432
5	69	8	6908	26691	0.59849	0.04726	0.16533	0.02091	0.06275	0.01061	0.43668	0.02805	0.08808	0.00872	0.02787	0.00405
5	69	9	6909	14037	0.53672	0.04598	0.13764	0.01771	0.04984	0.00863	0.36210	0.03445	0.06939	0.00994	0.02135	0.00411
5	69	10	6910	25982	0.59052	0.04884	0.15624	0.02136	0.05746	0.01057	0.36634	0.03089	0.07064	0.00787	0.02191	0.00314
5	69	11	6911	19174	0.55579	0.05236	0.14238	0.02021	0.05111	0.00949	0.33236	0.03444	0.06233	0.00846	0.01926	0.00340
5	69	12	6912	25839	0.65325	0.05130	0.18417	0.02406	0.07070	0.01215	0.43095	0.02998	0.08639	0.00937	0.02720	0.00415
5	69	13	6913	20963	0.58268	0.05695	0.15673	0.02342	0.05855	0.01131	0.37325	0.03562	0.07279	0.01033	0.02281	0.00436
5	70	1	7001	6898	0.64267	0.05980	0.18022	0.02817	0.06877	0.01446	0.45984	0.04756	0.09323	0.01562	0.02948	0.00689
5	70	2	7002	19778	0.59782	0.04324	0.16218	0.02044	0.06066	0.01046	0.41608	0.03046	0.08223	0.00822	0.02576	0.00347
5	70	3	7003	22154	0.61215	0.04694	0.16532	0.02117	0.06147	0.01061	0.42975	0.03534	0.08460	0.01114	0.02640	0.00477
5	70	4	7004	19974	0.60783	0.04782	0.16446	0.02074	0.06138	0.01040	0.39974	0.03433	0.07825	0.01024	0.02434	0.00434
5	70	5	7005	19296	0.56472	0.04252	0.14975	0.01791	0.05540	0.00894	0.39073	0.03600	0.07628	0.01050	0.02363	0.00436
5	70	6	7006	13709	0.48523	0.05609	0.11909	0.02069	0.04181	0.00938	0.39796	0.03619	0.07875	0.00974	0.02488	0.00410
5	70	7	7007	14525	0.57394	0.05494	0.14986	0.02122	0.05461	0.01005	0.42992	0.04044	0.08695	0.01244	0.02761	0.00554
5	70	8	7008	19721	0.66648	0.05466	0.19070	0.02651	0.07368	0.01365	0.49318	0.04161	0.10383	0.01338	0.03356	0.00593
5	70	9	7009	11757	0.60148	0.05119	0.16397	0.02406	0.06159	0.01207	0.42666	0.03343	0.08707	0.00989	0.02794	0.00465
5	70	10	7010	41263	0.59374	0.04564	0.15985	0.02128	0.05955	0.01091	0.39795	0.02887	0.07753	0.00923	0.02416	0.00408
5	70	11	7011	16105	0.55839	0.05046	0.14617	0.02155	0.05364	0.01083	0.39368	0.03447	0.07713	0.01034	0.02435	0.00469
5	70	12	7012	1890	0.39061	0.04675	0.09188	0.01669	0.03153	0.00762	0.38722	0.03969	0.07581	0.01168	0.02371	0.00504
5	71	1	7101	19957	0.27934	0.06351	0.05720	0.01875	0.01797	0.00745	0.25422	0.04052	0.03985	0.00934	0.01080	0.00358
5	71	2	7102	48540	0.25602	0.04204	0.05025	0.01167	0.01538	0.00457	0.24829	0.03268	0.03876	0.00647	0.01045	0.00228
5	71	3	7103	46651	0.38526	0.05302	0.08713	0.01812	0.02909	0.00801	0.31409	0.04658	0.05215	0.01084	0.01459	0.00432
5	71	4	7104	75425	0.28343	0.04466	0.05663	0.01205	0.01741	0.00471	0.27448	0.04498	0.04356	0.00999	0.01190	0.00393
5	71	5	7105	48118	0.38151	0.05637	0.08528	0.01862	0.02827	0.00802	0.25345	0.04458	0.04021	0.00882	0.01092	0.00301
5	71	6	7106	57570	0.28434	0.06130	0.05727	0.01696	0.01767	0.00646	0.23278	0.04008	0.03694	0.00952	0.01026	0.00374
5	71	7	7107	33290	0.22437	0.04880	0.04262	0.01249	0.01274	0.00479	0.18841	0.03935	0.02856	0.00832	0.00760	0.00292
5	71	8	7108	38149	0.33246	0.05112	0.06994	0.01671	0.02223	0.00713	0.30553	0.04532	0.04967	0.01029	0.01371	0.00394
5	71	9	7109	50155	0.26096	0.04441	0.05081	0.01278	0.01532	0.00514	0.26786	0.03600	0.04132	0.00757	0.01093	0.00274
5	71	10	7110	56104	0.25168	0.04861	0.04956	0.01356	0.01515	0.00540	0.22166	0.03501	0.03396	0.00757	0.00912	0.00286
5	71	11	7111	65698	0.31409	0.04491	0.06765	0.01308	0.02186	0.00526	0.26032	0.03341	0.04107	0.00696	0.01117	0.00245
5	71	12	7112	38176	0.33769	0.05286	0.07471	0.01536	0.02478	0.00636	0.26109	0.04449	0.04084	0.00953	0.01108	0.00382
5	71	13	7113	30729	0.22965	0.05373	0.04522	0.01470	0.01398	0.00618	0.24584	0.04884	0.03778	0.01006	0.01018	0.00392
5	71	14	7114	101970	0.30036	0.04267	0.06532	0.01311	0.02136	0.00526	0.27256	0.02783	0.04262	0.00587	0.01145	0.00215
5	71	15	7115	56127	0.40194	0.05187	0.09423	0.01828	0.03220	0.00818	0.24844	0.03492	0.03863	0.00688	0.01039	0.00235
5	72	1	7201	53527	0.27062	0.04323	0.05398	0.01258	0.01653	0.00496	0.24237	0.03209	0.03751	0.00692	0.01010	0.00264
5	72	2	7202	43429	0.28223	0.05260	0.05681	0.01419	0.01754	0.00543	0.24830	0.03976	0.03805	0.00856	0.01018	0.00326
5	72	3	7203	28595	0.28927	0.04981	0.05984	0.01487	0.01886	0.00612	0.22747	0.04435	0.03499	0.00876	0.00938	0.00310

Geographic/administrative information					Measures of food insecurity											
					Food poverty prevalence		Food poverty gap		Food poverty severity		Low kilocalorie intake prevalence		Low kilocalorie intake gap		Low kilocalorie intake severity	
Region	dcode	Ilaka	ilakaid	Total population	P0	seP0	P1	seP1	P2	seP2	K0	seK0	K1	seK1	K2	seK2
5	72	4	7204	36000	0.30045	0.05545	0.06116	0.01576	0.01899	0.00629	0.26029	0.04708	0.04034	0.01020	0.01082	0.00378
5	72	5	7205	22058	0.23969	0.06722	0.04593	0.01764	0.01370	0.00685	0.24565	0.06267	0.03744	0.01325	0.00988	0.00515
5	72	6	7206	47216	0.26264	0.04798	0.05227	0.01325	0.01599	0.00515	0.28110	0.03827	0.04466	0.00857	0.01224	0.00331
5	72	7	7207	39253	0.31239	0.05701	0.06745	0.01777	0.02181	0.00741	0.26498	0.04586	0.04190	0.00967	0.01140	0.00352
5	72	8	7208	104599	0.30977	0.03757	0.06743	0.01159	0.02205	0.00474	0.24773	0.02389	0.03885	0.00565	0.01061	0.00216
5	72	10	7210	21998	0.18757	0.06211	0.03579	0.01660	0.01075	0.00620	0.21018	0.05051	0.03184	0.01037	0.00857	0.00403
5	72	11	7211	51828	0.27193	0.04358	0.05473	0.01242	0.01701	0.00509	0.21326	0.03491	0.03199	0.00739	0.00843	0.00276
5	73	1	7301	21245	0.35626	0.04327	0.07946	0.01384	0.02640	0.00586	0.38002	0.04288	0.07384	0.01227	0.02316	0.00514
5	73	2	7302	9218	0.52337	0.05439	0.13315	0.02306	0.04777	0.01122	0.39594	0.04030	0.07813	0.01211	0.02461	0.00548
5	73	3	7303	14372	0.55542	0.06108	0.14521	0.02502	0.05296	0.01192	0.39283	0.04296	0.07618	0.01339	0.02362	0.00602
5	73	4	7304	11460	0.51762	0.05090	0.13111	0.02172	0.04704	0.01060	0.41975	0.03827	0.08310	0.01172	0.02594	0.00512
5	73	5	7305	5070	0.55032	0.08590	0.14201	0.03275	0.05128	0.01564	0.46428	0.07402	0.09542	0.02449	0.03048	0.01045
5	73	6	7306	48444	0.53009	0.05916	0.13398	0.02282	0.04796	0.01069	0.46632	0.03908	0.09639	0.01262	0.03103	0.00580
5	73	7	7307	14129	0.52033	0.06094	0.13156	0.02260	0.04707	0.01071	0.43758	0.04347	0.08905	0.01370	0.02842	0.00623
5	73	8	7308	8603	0.55479	0.07016	0.14482	0.02763	0.05274	0.01328	0.41664	0.05236	0.08153	0.01548	0.02537	0.00636
5	73	9	7309	8463	0.39573	0.05079	0.09131	0.01780	0.03078	0.00786	0.38381	0.03970	0.07390	0.01097	0.02267	0.00479
5	74	1	7401	14853	0.47158	0.05556	0.11258	0.02055	0.03871	0.00940	0.34624	0.03879	0.06473	0.01117	0.01989	0.00478
5	74	2	7402	19674	0.43733	0.05100	0.10373	0.01726	0.03568	0.00756	0.37874	0.03245	0.07236	0.00893	0.02223	0.00381
5	74	3	7403	16404	0.46868	0.05601	0.11108	0.02097	0.03811	0.00959	0.38877	0.03244	0.07444	0.00983	0.02292	0.00426
5	74	4	7404	17145	0.54494	0.05269	0.13917	0.01989	0.05009	0.00935	0.38729	0.03685	0.07575	0.01037	0.02393	0.00435
5	74	5	7405	18111	0.58604	0.05272	0.15486	0.02191	0.05686	0.01064	0.43728	0.03767	0.08652	0.01165	0.02712	0.00490
5	74	6	7406	16791	0.31095	0.04382	0.06587	0.01389	0.02108	0.00590	0.31365	0.04272	0.05865	0.01011	0.01800	0.00378
5	74	7	7407	16490	0.44921	0.05226	0.10557	0.01748	0.03594	0.00767	0.38791	0.02818	0.07448	0.00791	0.02297	0.00345
5	74	8	7408	18387	0.53199	0.05067	0.13474	0.01976	0.04815	0.00929	0.34066	0.03981	0.06500	0.01100	0.02028	0.00470
5	74	9	7409	25487	0.60372	0.05344	0.15872	0.02204	0.05793	0.01039	0.39736	0.04190	0.07586	0.01181	0.02332	0.00477
5	74	10	7410	16357	0.51099	0.04723	0.12756	0.01772	0.04533	0.00819	0.36586	0.03449	0.06930	0.00870	0.02138	0.00351
5	74	11	7411	26621	0.50099	0.05473	0.12234	0.01979	0.04273	0.00855	0.34316	0.03662	0.06438	0.00923	0.01975	0.00361
5	74	12	7412	19451	0.56381	0.05079	0.14238	0.02127	0.05067	0.01031	0.38589	0.03397	0.07421	0.00978	0.02305	0.00422
5	74	13	7413	24454	0.61603	0.05335	0.16382	0.02293	0.06015	0.01113	0.44521	0.03395	0.08884	0.01053	0.02790	0.00444
5	75	1	7501	7753	0.59428	0.05842	0.16508	0.02540	0.06319	0.01276	0.31569	0.04080	0.06211	0.01170	0.02011	0.00516
5	75	2	7502	11660	0.65611	0.05401	0.18502	0.02541	0.07087	0.01302	0.34820	0.03858	0.07008	0.01202	0.02283	0.00551
5	75	3	7503	15891	0.56409	0.06228	0.15320	0.02514	0.05776	0.01210	0.34490	0.03547	0.06930	0.01108	0.02257	0.00526
5	75	4	7504	13336	0.58793	0.05410	0.15829	0.02271	0.05903	0.01148	0.25755	0.03159	0.04946	0.00856	0.01594	0.00375
5	75	5	7505	8566	0.49944	0.05735	0.12520	0.02171	0.04481	0.01019	0.29080	0.03114	0.05715	0.01005	0.01855	0.00486
5	75	6	7506	6556	0.54033	0.06683	0.14097	0.02708	0.05176	0.01322	0.27453	0.03790	0.05470	0.01098	0.01797	0.00500
5	75	7	7507	18188	0.59105	0.05971	0.15724	0.02488	0.05811	0.01196	0.27772	0.03531	0.05364	0.00876	0.01727	0.00357
5	75	8	7508	10039	0.65954	0.06094	0.19066	0.02978	0.07453	0.01555	0.31617	0.04001	0.06273	0.01124	0.02036	0.00495
5	75	9	7509	10991	0.61283	0.05671	0.16835	0.02478	0.06349	0.01229	0.27787	0.04017	0.05350	0.01028	0.01722	0.00445
5	75	10	7510	13630	0.55460	0.06693	0.14875	0.02628	0.05560	0.01242	0.26750	0.04134	0.05172	0.01010	0.01661	0.00422
5	75	11	7511	15874	0.77589	0.04534	0.24983	0.02637	0.10434	0.01524	0.46294	0.03537	0.10028	0.01238	0.03373	0.00588

Geographic/administrative information					Measures of undernutrition												Diarrhea	
					Stunting		Severe stunting		Underweight		Severe underweight		Wasting		Severe wasting			
Region	dcode	Ilaka	ilakaid	Number of children under five	S2	seS2	S3	seS3	U2	seU2	U3	seU3	W2	seW2	W3	seW3	D	seD
1	1	1	101	672	0.50977	0.02752	0.23048	0.02160	0.30228	0.03681	0.08374	0.01826	0.05998	0.01366	0.01393	0.00669	0.09627	0.01402
1	1	2	102	418	0.47760	0.03740	0.20813	0.02856	0.26097	0.04084	0.06685	0.01769	0.05384	0.01175	0.00926	0.00425	0.08850	0.01677
1	1	3	103	804	0.49577	0.02840	0.21926	0.02339	0.25031	0.03114	0.06006	0.01383	0.06504	0.01066	0.01158	0.00402	0.11259	0.01850
1	1	4	104	1181	0.48453	0.02809	0.21096	0.02031	0.28303	0.03019	0.07351	0.01412	0.05673	0.00984	0.00957	0.00305	0.13199	0.01722
1	1	5	105	1223	0.49938	0.02565	0.22253	0.02093	0.25153	0.02842	0.06100	0.01141	0.05274	0.00827	0.00792	0.00288	0.10609	0.01431
1	1	6	106	2519	0.43914	0.02392	0.18166	0.01587	0.20492	0.02691	0.04387	0.00875	0.06637	0.00783	0.01131	0.00254	0.13034	0.01411
1	1	7	107	901	0.52294	0.03055	0.24287	0.02506	0.23521	0.03309	0.05354	0.01358	0.05847	0.01092	0.00969	0.00372	0.11766	0.01471
1	1	8	108	641	0.50267	0.03132	0.22641	0.02304	0.31694	0.03417	0.08821	0.01622	0.05932	0.01755	0.01235	0.00676	0.06730	0.01400
1	1	9	109	1088	0.52503	0.02796	0.24281	0.02348	0.30804	0.02509	0.08611	0.01269	0.06386	0.01345	0.01552	0.00524	0.11006	0.01317
1	1	10	110	1597	0.55195	0.02560	0.26605	0.02106	0.24429	0.02682	0.05812	0.01191	0.05021	0.00859	0.00822	0.00270	0.13369	0.01370
1	1	11	111	1840	0.51309	0.02359	0.23218	0.01866	0.23964	0.02454	0.05448	0.00961	0.05820	0.00902	0.00983	0.00272	0.12438	0.01341
1	2	1	201	1368	0.41544	0.03228	0.16370	0.02166	0.21829	0.02362	0.04746	0.00923	0.06605	0.00991	0.01275	0.00367	0.09501	0.01132
1	2	2	202	2015	0.41362	0.02628	0.16208	0.01722	0.21793	0.02003	0.04708	0.00743	0.06567	0.00856	0.01094	0.00301	0.10934	0.01819
1	2	3	203	1611	0.38619	0.03221	0.14634	0.01863	0.21135	0.02077	0.04449	0.00776	0.03732	0.00694	0.00531	0.00214	0.09109	0.01530
1	2	4	204	1637	0.39693	0.03119	0.15395	0.01877	0.22415	0.01917	0.04973	0.00762	0.04957	0.00790	0.00742	0.00253	0.10631	0.01543
1	2	5	205	2595	0.36249	0.02475	0.13251	0.01554	0.18581	0.01891	0.03852	0.00667	0.06793	0.00770	0.01217	0.00266	0.13347	0.01618
1	2	6	206	1398	0.42220	0.02755	0.16929	0.01841	0.22079	0.02061	0.04806	0.00888	0.04962	0.00812	0.00758	0.00266	0.10762	0.01691
1	2	7	207	1771	0.40853	0.02604	0.16096	0.01626	0.23307	0.01865	0.05310	0.00822	0.05218	0.00737	0.00778	0.00204	0.12918	0.01625
1	2	8	208	1405	0.43717	0.02751	0.17954	0.01810	0.25780	0.01956	0.06208	0.00863	0.07111	0.01201	0.01296	0.00391	0.10685	0.01463
1	2	9	209	1265	0.43649	0.02738	0.17753	0.01773	0.30204	0.01982	0.08170	0.01068	0.07732	0.01044	0.01438	0.00433	0.10578	0.01561
1	2	10	210	1198	0.39399	0.03281	0.15210	0.01938	0.24424	0.02048	0.05673	0.00909	0.05671	0.00862	0.00971	0.00311	0.09375	0.01575
1	2	11	211	988	0.40383	0.03333	0.15863	0.02261	0.24104	0.02073	0.05710	0.01018	0.05155	0.00791	0.00814	0.00305	0.12063	0.01733
1	3	1	301	776	0.28910	0.04054	0.09374	0.01896	0.21586	0.02274	0.04753	0.00917	0.08086	0.01535	0.01472	0.00479	0.06720	0.01234
1	3	2	302	1308	0.30983	0.04109	0.10511	0.02161	0.20820	0.01942	0.04465	0.00750	0.05904	0.01049	0.00993	0.00351	0.06568	0.01328
1	3	3	303	2103	0.26075	0.03409	0.08034	0.01571	0.20931	0.02337	0.04597	0.00856	0.08347	0.01227	0.01720	0.00428	0.06004	0.01254
1	3	4	304	3096	0.32764	0.03375	0.11316	0.01908	0.23986	0.01954	0.05623	0.00802	0.08414	0.01279	0.01753	0.00414	0.09110	0.01270
1	3	5	305	1242	0.30960	0.03612	0.10459	0.02023	0.21024	0.02350	0.04596	0.00923	0.07521	0.01398	0.01423	0.00479	0.07899	0.01473
1	3	6	306	1500	0.34683	0.03052	0.12169	0.01822	0.24014	0.02266	0.05521	0.00901	0.07182	0.01136	0.01295	0.00349	0.09583	0.01373
1	3	7	307	1578	0.32124	0.03237	0.11007	0.01893	0.24668	0.02205	0.05804	0.01010	0.06841	0.01023	0.01212	0.00357	0.10416	0.01470
1	3	8	308	1229	0.31400	0.03610	0.10547	0.01993	0.22572	0.02080	0.05070	0.00859	0.06505	0.00985	0.01165	0.00359	0.06961	0.01132
1	3	9	309	1039	0.30058	0.03946	0.09911	0.02107	0.21160	0.02037	0.04522	0.00701	0.05511	0.00811	0.00958	0.00318	0.06264	0.01283
1	3	10	310	1777	0.32424	0.03620	0.11133	0.01967	0.22748	0.01974	0.05140	0.00753	0.07847	0.01117	0.01460	0.00353	0.08045	0.01187
1	3	11	311	3474	0.36651	0.03418	0.13438	0.01982	0.23199	0.01845	0.05381	0.00778	0.10937	0.01261	0.02564	0.00501	0.10920	0.02001
1	3	12	312	1333	0.29477	0.03120	0.09627	0.01631	0.19932	0.02198	0.04406	0.00851	0.13046	0.01613	0.03301	0.00720	0.07520	0.01533
1	4	1	401	3196	0.34552	0.02796	0.12438	0.01604	0.25737	0.01542	0.06517	0.00772	0.08923	0.00853	0.01880	0.00300	0.09895	0.01218
1	4	2	402	3518	0.34156	0.03046	0.12069	0.01778	0.24639	0.01409	0.05988	0.00589	0.10616	0.01001	0.02408	0.00421	0.08345	0.01229
1	4	3	403	1960	0.31838	0.03189	0.10836	0.01835	0.22925	0.01710	0.05265	0.00708	0.09040	0.01091	0.01757	0.00373	0.06227	0.00997
1	4	4	404	5279	0.29610	0.02526	0.09744	0.01327	0.17390	0.01622	0.03488	0.00529	0.08296	0.01065	0.01626	0.00322	0.12205	0.01368
1	4	5	405	3640	0.29031	0.02907	0.09441	0.01531	0.17137	0.01422	0.03357	0.00531	0.06603	0.00941	0.01202	0.00282	0.07043	0.01361

Geographic/administrative information					Measures of undernutrition												Diarrhea	
					Stunting		Severe stunting		Underweight		Severe underweight		Wasting		Severe wasting			
Region	dcode	Ilaka	ilakaid	Number of children under five	S2	seS2	S3	seS3	U2	seU2	U3	seU3	W2	seW2	W3	seW3	D	seD
1	4	6	406	4162	0.29882	0.03010	0.09834	0.01611	0.20934	0.01616	0.04563	0.00630	0.05650	0.00733	0.01022	0.00215	0.06704	0.01165
1	4	7	407	3091	0.28929	0.02525	0.09354	0.01238	0.20824	0.01785	0.04636	0.00649	0.08857	0.01025	0.01841	0.00356	0.09989	0.01591
1	4	8	408	2556	0.29300	0.03339	0.09535	0.01645	0.20990	0.01687	0.04612	0.00636	0.06941	0.00913	0.01316	0.00277	0.05307	0.01053
1	4	9	409	3328	0.36726	0.03078	0.13615	0.01887	0.28461	0.01790	0.07551	0.00857	0.12361	0.01263	0.02838	0.00469	0.09400	0.01274
1	4	10	410	3233	0.29719	0.02325	0.09952	0.01272	0.18398	0.01554	0.03935	0.00560	0.08987	0.00985	0.01895	0.00353	0.09842	0.01251
1	4	11	411	6149	0.34297	0.03060	0.12207	0.01786	0.26044	0.02058	0.06616	0.00963	0.10088	0.00955	0.02217	0.00348	0.08866	0.01137
1	4	12	412	3196	0.30869	0.03059	0.10383	0.01598	0.20299	0.01881	0.04283	0.00664	0.06824	0.00836	0.01242	0.00286	0.09399	0.01396
1	4	13	413	2687	0.33149	0.02751	0.11506	0.01619	0.24503	0.01844	0.06004	0.00897	0.09203	0.00908	0.01957	0.00340	0.08640	0.01360
1	4	14	414	2529	0.34369	0.03178	0.12194	0.01818	0.19632	0.01587	0.04113	0.00584	0.07020	0.00968	0.01217	0.00287	0.08579	0.01416
1	4	15	415	3610	0.35510	0.03295	0.13058	0.01937	0.28019	0.02253	0.07376	0.01136	0.12066	0.01183	0.02766	0.00442	0.11307	0.01358
1	4	16	416	3091	0.32219	0.02745	0.11074	0.01468	0.21863	0.01733	0.04993	0.00692	0.08297	0.00923	0.01526	0.00310	0.08392	0.01302
1	4	17	417	1614	0.31861	0.03508	0.10905	0.01871	0.17555	0.01639	0.03544	0.00532	0.08102	0.01127	0.01620	0.00380	0.09172	0.01611
1	4	18	418	1448	0.28250	0.02907	0.09062	0.01439	0.19079	0.02860	0.04137	0.00937	0.09437	0.01419	0.02179	0.00576	0.09700	0.01747
1	4	19	419	5957	0.31635	0.02290	0.10839	0.01228	0.15616	0.01681	0.02986	0.00491	0.07322	0.00878	0.01487	0.00293	0.08601	0.01553
1	4	20	420	4413	0.26705	0.02555	0.08353	0.01220	0.16987	0.01757	0.03310	0.00570	0.06679	0.00817	0.01181	0.00232	0.04902	0.01314
1	5	1	501	5548	0.33056	0.03494	0.11399	0.01882	0.28238	0.02575	0.07385	0.01284	0.11280	0.01066	0.02463	0.00373	0.07480	0.01012
1	5	2	502	6063	0.32586	0.03642	0.11429	0.01979	0.31597	0.03113	0.08885	0.01501	0.11708	0.00975	0.02525	0.00333	0.07911	0.01310
1	5	3	503	4383	0.35733	0.02840	0.12972	0.01666	0.23272	0.01610	0.05443	0.00632	0.07992	0.00834	0.01539	0.00276	0.08485	0.01237
1	5	4	504	6091	0.31149	0.02301	0.10572	0.01297	0.15995	0.01604	0.02993	0.00472	0.06664	0.00778	0.01137	0.00201	0.10212	0.01249
1	5	5	505	3937	0.34213	0.03019	0.12035	0.01656	0.22003	0.01551	0.04919	0.00585	0.05490	0.00624	0.00917	0.00178	0.11031	0.01645
1	5	6	506	4181	0.36821	0.02703	0.13579	0.01646	0.23488	0.01630	0.05547	0.00644	0.07988	0.00884	0.01542	0.00281	0.08276	0.01183
1	5	7	507	4842	0.33980	0.03627	0.12072	0.02024	0.27973	0.02769	0.07238	0.01297	0.10865	0.01062	0.02308	0.00371	0.05942	0.01149
1	5	8	508	3414	0.30823	0.03842	0.10344	0.01928	0.29485	0.03474	0.07766	0.01517	0.12364	0.01243	0.02731	0.00437	0.08247	0.01375
1	5	9	509	6161	0.33808	0.02098	0.11940	0.01223	0.19819	0.01142	0.04219	0.00371	0.06386	0.00600	0.01125	0.00174	0.08262	0.01045
1	5	10	510	3037	0.37946	0.03050	0.14179	0.01811	0.20707	0.01632	0.04400	0.00599	0.03418	0.00642	0.00475	0.00177	0.10530	0.01406
1	5	11	511	6443	0.32673	0.02174	0.11357	0.01164	0.20272	0.01239	0.04366	0.00432	0.07910	0.00772	0.01509	0.00222	0.09194	0.01060
1	5	12	512	1825	0.33055	0.04282	0.11495	0.02281	0.28412	0.03452	0.07267	0.01472	0.12278	0.01455	0.02759	0.00538	0.05328	0.01247
1	5	13	513	2474	0.31516	0.04234	0.10590	0.02215	0.27824	0.02546	0.07193	0.01117	0.12185	0.01436	0.02673	0.00590	0.06611	0.01339
1	5	14	514	4518	0.34884	0.04511	0.12496	0.02410	0.31884	0.03070	0.08861	0.01478	0.13803	0.01347	0.03364	0.00530	0.07497	0.01381
1	5	15	515	1111	0.34533	0.03944	0.12752	0.02336	0.26336	0.02330	0.06639	0.01078	0.09300	0.01687	0.01895	0.00553	0.05495	0.01247
1	5	16	516	1649	0.28997	0.03080	0.09463	0.01584	0.28942	0.02599	0.07789	0.01432	0.11797	0.01627	0.02622	0.00594	0.04272	0.01145
1	5	17	517	3609	0.30348	0.03312	0.10164	0.01734	0.27498	0.02340	0.07383	0.01117	0.12117	0.01253	0.02711	0.00509	0.07714	0.01231
1	5	18	518	15820	0.29669	0.02466	0.09864	0.01310	0.18963	0.02760	0.04125	0.00981	0.08802	0.01309	0.01834	0.00396	0.11948	0.01744
1	6	1	601	1263	0.33406	0.03868	0.11604	0.02115	0.18881	0.02175	0.03856	0.00765	0.02689	0.00710	0.00383	0.00202	0.07013	0.01414
1	6	2	602	322	0.31495	0.04390	0.10651	0.02740	0.23166	0.02487	0.05341	0.01287	0.03460	0.00989	0.00429	0.00355	0.06703	0.01346
1	6	3	603	3028	0.36475	0.03443	0.13437	0.01979	0.23051	0.01600	0.05280	0.00635	0.06902	0.00848	0.01228	0.00267	0.08421	0.01442
1	6	4	604	2506	0.36646	0.03279	0.13546	0.01910	0.24913	0.01812	0.05927	0.00805	0.08127	0.01026	0.01543	0.00285	0.07104	0.01276
1	6	5	605	3710	0.31337	0.02919	0.10600	0.01569	0.17128	0.01870	0.03358	0.00554	0.08908	0.01213	0.01881	0.00407	0.08928	0.01474
1	6	6	606	2645	0.29631	0.03519	0.09812	0.01822	0.24497	0.03071	0.06118	0.01307	0.12134	0.01298	0.02869	0.00511	0.06202	0.01290

Geographic/administrative information					Measures of undernutrition												Diarrhea	
					Stunting		Severe stunting		Underweight		Severe underweight		Wasting		Severe wasting			
Region	dcode	Ilaka	ilakaid	Number of children under five	S2	seS2	S3	seS3	U2	seU2	U3	seU3	W2	seW2	W3	seW3	D	seD
1	6	7	607	4033	0.29235	0.03053	0.09553	0.01600	0.27371	0.02822	0.07124	0.01359	0.11874	0.01286	0.02672	0.00453	0.08254	0.01133
1	6	8	608	3016	0.30225	0.04143	0.10004	0.02075	0.30392	0.03628	0.08284	0.01727	0.13583	0.01447	0.03263	0.00533	0.03642	0.01064
1	6	9	609	4391	0.30468	0.02382	0.10283	0.01281	0.23007	0.01717	0.05326	0.00637	0.09757	0.01003	0.01961	0.00328	0.07277	0.00986
1	6	10	610	2215	0.31269	0.03462	0.10452	0.01769	0.25629	0.02740	0.06361	0.01198	0.10464	0.01178	0.02174	0.00404	0.08436	0.01313
1	6	11	611	3048	0.29539	0.03968	0.09713	0.01971	0.31695	0.03794	0.08899	0.01822	0.13411	0.01463	0.03096	0.00560	0.09326	0.01360
1	6	12	612	2965	0.29623	0.03951	0.09704	0.02035	0.30478	0.03358	0.08350	0.01665	0.12655	0.01268	0.02876	0.00487	0.10905	0.01453
1	6	13	613	5984	0.36747	0.02978	0.13541	0.01686	0.28430	0.01694	0.07474	0.00776	0.11636	0.01045	0.02695	0.00407	0.08806	0.01104
1	6	14	614	5571	0.36624	0.03287	0.13381	0.01973	0.29604	0.02872	0.07982	0.01423	0.11344	0.01106	0.02436	0.00390	0.11558	0.01110
1	6	15	615	7642	0.33092	0.03679	0.11532	0.02007	0.27678	0.02894	0.07114	0.01290	0.12065	0.01027	0.02648	0.00381	0.10587	0.01659
1	6	16	616	7645	0.30252	0.02472	0.10050	0.01272	0.11164	0.02448	0.01841	0.00579	0.04913	0.01106	0.00882	0.00300	0.09014	0.01682
1	6	17	617	2235	0.29693	0.02602	0.09792	0.01386	0.23645	0.02641	0.05773	0.01074	0.10509	0.01361	0.02222	0.00450	0.10082	0.01769
1	6	18	618	5795	0.30158	0.02561	0.10008	0.01426	0.16578	0.01826	0.03216	0.00559	0.06127	0.00959	0.01087	0.00262	0.10208	0.01653
1	7	1	701	1078	0.40542	0.02724	0.15903	0.01771	0.24228	0.01936	0.05603	0.00843	0.06755	0.00844	0.01183	0.00346	0.10985	0.01526
1	7	2	702	757	0.37908	0.03362	0.14151	0.01932	0.23346	0.02052	0.05360	0.00922	0.06288	0.00889	0.01096	0.00385	0.10582	0.01335
1	7	3	703	936	0.38332	0.02962	0.14382	0.01738	0.22986	0.01954	0.05147	0.00820	0.08019	0.00939	0.01542	0.00440	0.08024	0.01468
1	7	4	704	896	0.36316	0.03273	0.13027	0.02044	0.24858	0.02003	0.05992	0.01012	0.10378	0.01456	0.02267	0.00568	0.09100	0.01565
1	7	5	705	1528	0.42735	0.03181	0.17150	0.02124	0.26967	0.01879	0.06776	0.00983	0.09902	0.01328	0.01999	0.00465	0.13576	0.01873
1	7	6	706	538	0.35572	0.03751	0.13055	0.02192	0.20452	0.02457	0.04383	0.01094	0.08487	0.01373	0.01599	0.00549	0.09317	0.01547
1	7	7	707	1076	0.39128	0.03510	0.15107	0.02087	0.25242	0.01852	0.05988	0.00836	0.07250	0.01078	0.01310	0.00388	0.10982	0.01510
1	7	8	708	1515	0.35536	0.02769	0.12863	0.01683	0.21947	0.01653	0.04760	0.00658	0.07368	0.00750	0.01406	0.00314	0.09079	0.01335
1	7	9	709	1258	0.38871	0.02908	0.14836	0.01953	0.21312	0.01882	0.04570	0.00727	0.06665	0.00889	0.01128	0.00337	0.09758	0.01251
1	7	10	710	1580	0.38494	0.02836	0.14579	0.01756	0.22178	0.01755	0.04834	0.00676	0.06434	0.00910	0.01073	0.00322	0.09816	0.01299
1	7	11	711	1150	0.40365	0.03002	0.15700	0.02008	0.23463	0.02042	0.05351	0.00868	0.06040	0.00912	0.01007	0.00342	0.12736	0.01350
1	7	12	712	2158	0.33528	0.02865	0.11861	0.01604	0.15471	0.02116	0.02873	0.00627	0.09851	0.01005	0.02105	0.00458	0.08404	0.01683
1	8	1	801	881	0.39036	0.03591	0.14831	0.02336	0.20398	0.02374	0.04416	0.00857	0.09496	0.01469	0.01849	0.00607	0.14392	0.01761
1	8	2	802	858	0.36771	0.03614	0.13449	0.01992	0.23392	0.02185	0.05437	0.00966	0.05960	0.00922	0.01018	0.00395	0.13014	0.01530
1	8	3	803	706	0.40338	0.03047	0.15633	0.02024	0.24167	0.02556	0.05549	0.01074	0.06123	0.01043	0.00917	0.00389	0.09939	0.01387
1	8	4	804	893	0.37279	0.03680	0.13981	0.02112	0.21107	0.01889	0.04580	0.00841	0.06336	0.00991	0.01069	0.00374	0.09464	0.01189
1	8	5	805	776	0.39249	0.03100	0.15022	0.01869	0.23817	0.02051	0.05588	0.00934	0.06181	0.01095	0.00989	0.00403	0.11369	0.01412
1	8	6	806	669	0.39040	0.03479	0.15021	0.01915	0.26954	0.02264	0.06603	0.01100	0.07974	0.01312	0.01363	0.00504	0.12461	0.01405
1	8	7	807	767	0.38795	0.03044	0.14779	0.01939	0.23203	0.01965	0.05254	0.00900	0.06038	0.01080	0.01069	0.00366	0.13029	0.01741
1	8	8	808	1125	0.39808	0.02899	0.15503	0.01954	0.25638	0.02099	0.06140	0.00905	0.06931	0.01043	0.01155	0.00336	0.13790	0.02092
1	8	9	809	672	0.40711	0.03295	0.15636	0.02279	0.26838	0.02228	0.06573	0.01098	0.08141	0.01517	0.01558	0.00539	0.15555	0.02343
1	8	10	810	819	0.41011	0.03275	0.15987	0.02067	0.29375	0.02193	0.07946	0.01266	0.10062	0.01772	0.02028	0.00632	0.14916	0.02090
1	8	11	811	940	0.41576	0.02859	0.16355	0.02016	0.26477	0.02006	0.06545	0.00897	0.08703	0.01423	0.01782	0.00552	0.14750	0.01843
1	9	1	901	918	0.56946	0.03171	0.27716	0.02785	0.49470	0.02860	0.20175	0.02445	0.13772	0.03159	0.04546	0.01861	0.01844	0.02584
1	9	2	902	1356	0.53351	0.02806	0.24830	0.02375	0.35949	0.02599	0.11013	0.01349	0.08499	0.01747	0.01834	0.00642	0.06124	0.01559
1	9	3	903	1052	0.53203	0.02661	0.24731	0.02274	0.31238	0.03141	0.08658	0.01679	0.04808	0.01160	0.00872	0.00335	0.08416	0.01497
1	9	4	904	1089	0.47807	0.02534	0.20857	0.01827	0.28890	0.02454	0.07446	0.01197	0.04714	0.00733	0.00696	0.00247	0.11774	0.01809

Geographic/administrative information					Measures of undernutrition												Diarrhea	
					Stunting		Severe stunting		Underweight		Severe underweight		Wasting		Severe wasting			
Region	dcode	Ilaka	ilakaid	Number of children under five	S2	seS2	S3	seS3	U2	seU2	U3	seU3	W2	seW2	W3	seW3	D	seD
1	9	5	905	979	0.52313	0.02721	0.24374	0.02393	0.29047	0.02699	0.07639	0.01295	0.06151	0.01095	0.01064	0.00365	0.11163	0.01550
1	9	6	906	2314	0.47240	0.02510	0.20447	0.01893	0.23361	0.02430	0.05429	0.00859	0.06473	0.00789	0.01101	0.00268	0.07998	0.01770
1	9	7	907	1818	0.52090	0.02813	0.23874	0.02298	0.29770	0.02823	0.07874	0.01306	0.07024	0.01165	0.01203	0.00311	0.13659	0.01476
1	9	8	908	1175	0.50070	0.02642	0.22642	0.02138	0.25554	0.02409	0.06100	0.01053	0.03776	0.00801	0.00486	0.00217	0.12550	0.01513
1	9	9	909	1350	0.49911	0.02688	0.22337	0.02076	0.27051	0.02422	0.06914	0.01098	0.05435	0.00805	0.00898	0.00322	0.12272	0.01233
1	9	10	910	1676	0.50544	0.02579	0.22725	0.02048	0.27631	0.02376	0.06895	0.01088	0.05909	0.00888	0.00954	0.00279	0.13448	0.01535
1	9	11	911	1534	0.47348	0.02779	0.20520	0.02280	0.25258	0.02507	0.05974	0.01008	0.03512	0.00698	0.00438	0.00193	0.09786	0.01135
1	10	1	1001	1466	0.47728	0.02816	0.20486	0.02198	0.27032	0.01982	0.06673	0.00839	0.06276	0.01012	0.01097	0.00286	0.11467	0.01577
1	10	2	1002	1397	0.42910	0.02982	0.17541	0.02092	0.21935	0.02011	0.04895	0.00782	0.07125	0.00950	0.01253	0.00295	0.12158	0.01680
1	10	3	1003	2188	0.44697	0.02831	0.18338	0.02019	0.25631	0.01601	0.06102	0.00747	0.08283	0.00851	0.01562	0.00288	0.11670	0.01497
1	10	4	1004	1521	0.44283	0.02929	0.18161	0.02030	0.27567	0.01614	0.06838	0.00835	0.08029	0.01175	0.01500	0.00397	0.10883	0.01815
1	10	5	1005	1126	0.44200	0.03128	0.18031	0.02144	0.27021	0.01569	0.06765	0.00787	0.06600	0.00866	0.01150	0.00339	0.12339	0.01791
1	10	6	1006	969	0.45718	0.02675	0.19241	0.01854	0.26641	0.02081	0.06529	0.01046	0.07874	0.01261	0.01403	0.00468	0.10093	0.01821
1	10	7	1007	1260	0.37632	0.02997	0.14088	0.01783	0.18985	0.01922	0.03945	0.00669	0.05846	0.00801	0.00958	0.00288	0.13688	0.02155
1	10	8	1008	907	0.42736	0.03167	0.17043	0.02059	0.23056	0.01840	0.05147	0.00944	0.05567	0.00943	0.00980	0.00358	0.09851	0.01998
1	10	9	1009	940	0.41992	0.02873	0.16841	0.02028	0.22971	0.02008	0.05012	0.00860	0.04274	0.00846	0.00599	0.00224	0.12683	0.02218
1	10	10	1010	1208	0.46791	0.02791	0.19923	0.01966	0.28629	0.01914	0.07429	0.00937	0.07496	0.01071	0.01339	0.00382	0.11823	0.01738
1	10	11	1011	1279	0.45592	0.02998	0.19145	0.01969	0.31992	0.02015	0.09035	0.01001	0.08702	0.01367	0.01749	0.00505	0.10917	0.01711
1	10	12	1012	1870	0.44718	0.02423	0.18628	0.01844	0.29803	0.01745	0.07926	0.00883	0.09355	0.01216	0.01873	0.00423	0.10532	0.01719
1	10	13	1013	1685	0.45893	0.02833	0.19251	0.02065	0.31275	0.01839	0.08477	0.00880	0.09384	0.01064	0.01806	0.00379	0.14442	0.01967
1	11	1	1101	924	0.48172	0.03486	0.21194	0.02560	0.17685	0.02667	0.03532	0.00874	0.08090	0.01931	0.01578	0.00657	0.13183	0.02092
1	11	2	1102	849	0.44507	0.03728	0.18866	0.02587	0.16981	0.02770	0.03563	0.01003	0.02519	0.01008	0.00336	0.00278	0.09670	0.02232
1	11	3	1103	1451	0.51346	0.02592	0.23494	0.02139	0.31324	0.02493	0.08618	0.01434	0.07851	0.01421	0.01673	0.00562	0.11195	0.01420
1	11	4	1104	2176	0.54431	0.02557	0.25743	0.02316	0.37348	0.02475	0.11672	0.01522	0.09622	0.02267	0.02177	0.00822	0.08638	0.01406
1	11	5	1105	1095	0.53664	0.02913	0.25259	0.02678	0.34444	0.02416	0.10040	0.01277	0.07838	0.01420	0.01421	0.00499	0.13795	0.01857
1	11	6	1106	969	0.49385	0.02911	0.21788	0.01997	0.28834	0.02259	0.07448	0.01129	0.05403	0.00914	0.00839	0.00326	0.15374	0.01935
1	11	7	1107	1446	0.50468	0.02603	0.22523	0.02116	0.31691	0.02508	0.08775	0.01272	0.09116	0.01160	0.01916	0.00481	0.14528	0.01860
1	11	8	1108	575	0.53362	0.03194	0.24900	0.02742	0.26485	0.02703	0.06223	0.01299	0.08462	0.02480	0.01656	0.00870	0.11535	0.01618
1	11	9	1109	497	0.52593	0.02948	0.24291	0.02481	0.29435	0.02653	0.07875	0.01468	0.10380	0.02427	0.02145	0.00906	0.10865	0.01660
1	12	1	1201	1112	0.46781	0.02865	0.19934	0.02261	0.27397	0.02154	0.06902	0.01070	0.05504	0.01010	0.00878	0.00322	0.13050	0.01986
1	12	2	1202	1005	0.44225	0.03180	0.18410	0.02279	0.27520	0.02176	0.07090	0.01153	0.07908	0.01190	0.01448	0.00443	0.11687	0.01638
1	12	3	1203	1254	0.39797	0.02949	0.15437	0.01842	0.20294	0.01765	0.04375	0.00735	0.06854	0.00960	0.01507	0.00466	0.11159	0.01562
1	12	4	1204	1168	0.46545	0.02825	0.19827	0.02203	0.28788	0.01933	0.07524	0.01035	0.06006	0.00865	0.01028	0.00312	0.15218	0.01938
1	12	5	1205	974	0.48588	0.02886	0.21183	0.02401	0.26964	0.02181	0.06820	0.01041	0.08749	0.01907	0.01877	0.00626	0.11784	0.01580
1	12	6	1206	1220	0.47005	0.02937	0.20239	0.02219	0.27162	0.02068	0.06629	0.00988	0.05413	0.00944	0.00890	0.00312	0.13812	0.01631
1	12	7	1207	1352	0.47187	0.02691	0.20351	0.01973	0.25637	0.01941	0.06027	0.00835	0.06231	0.00632	0.01059	0.00296	0.13317	0.01697
1	12	8	1208	1966	0.48865	0.02898	0.21458	0.02273	0.29890	0.02073	0.08068	0.00946	0.07296	0.00730	0.01335	0.00295	0.12672	0.01457
1	12	9	1209	1787	0.46691	0.02755	0.19913	0.01989	0.26843	0.01818	0.06568	0.00830	0.07098	0.00904	0.01308	0.00326	0.13184	0.01460
1	12	10	1210	1004	0.44184	0.02786	0.18132	0.02060	0.24446	0.02318	0.05777	0.00884	0.08022	0.01105	0.01447	0.00416	0.09472	0.01317

Geographic/administrative information					Measures of undernutrition												Diarrhea	
					Stunting		Severe stunting		Underweight		Severe underweight		Wasting		Severe wasting			
Region	dcode	Ilaka	ilakaid	Number of children under five	S2	seS2	S3	seS3	U2	seU2	U3	seU3	W2	seW2	W3	seW3	D	seD
1	12	11	1211	1142	0.44052	0.02638	0.18033	0.01900	0.26284	0.02222	0.06258	0.00910	0.06651	0.00965	0.01110	0.00318	0.13316	0.01781
1	13	1	1301	1468	0.47119	0.02739	0.20022	0.02061	0.29126	0.02123	0.07542	0.00904	0.05296	0.00860	0.00881	0.00256	0.09188	0.01525
1	13	2	1302	1127	0.46335	0.02805	0.19596	0.02057	0.26907	0.02396	0.06636	0.01052	0.05802	0.01091	0.00976	0.00326	0.11382	0.01705
1	13	3	1303	1274	0.46607	0.02868	0.19793	0.02176	0.26670	0.01963	0.06593	0.00836	0.05665	0.00881	0.00932	0.00352	0.11528	0.01487
1	13	4	1304	997	0.45667	0.02703	0.19234	0.01954	0.28027	0.01897	0.07019	0.00889	0.05909	0.00976	0.00912	0.00299	0.13110	0.01510
1	13	5	1305	1136	0.45020	0.02679	0.18633	0.02057	0.27511	0.02115	0.07035	0.00890	0.07232	0.01076	0.01381	0.00369	0.11656	0.01392
1	13	6	1306	1696	0.46799	0.02833	0.19875	0.02137	0.36804	0.01908	0.11549	0.01211	0.10968	0.01421	0.02335	0.00596	0.12928	0.01455
1	13	7	1307	2577	0.39340	0.02868	0.15152	0.01727	0.25854	0.01794	0.06363	0.00795	0.07734	0.00888	0.01429	0.00305	0.13132	0.01686
1	13	8	1308	1770	0.45568	0.02617	0.19230	0.01882	0.31739	0.01783	0.08913	0.00887	0.08902	0.01086	0.01714	0.00383	0.14360	0.01454
1	13	9	1309	1723	0.43773	0.02714	0.17980	0.01919	0.27661	0.01660	0.07027	0.00847	0.06325	0.00790	0.01087	0.00292	0.13576	0.01757
1	13	10	1310	1550	0.46627	0.02588	0.19898	0.02075	0.35352	0.02138	0.10637	0.01251	0.08423	0.01240	0.01590	0.00391	0.16608	0.01973
1	13	11	1311	1888	0.47250	0.02633	0.20213	0.02046	0.33386	0.01911	0.09707	0.01028	0.08457	0.01123	0.01612	0.00397	0.14466	0.01342
1	13	12	1312	1681	0.47729	0.02659	0.20360	0.02155	0.34692	0.01990	0.10164	0.01110	0.10755	0.01640	0.02286	0.00578	0.13487	0.01565
1	13	13	1313	1712	0.47152	0.02784	0.20028	0.01969	0.34135	0.02015	0.10004	0.01140	0.09747	0.01201	0.01951	0.00440	0.12769	0.01388
1	14	1	1401	3943	0.41260	0.03128	0.16157	0.01981	0.29555	0.02089	0.07864	0.00983	0.14245	0.01414	0.03592	0.00618	0.13297	0.01938
1	14	2	1402	2833	0.38415	0.02923	0.14579	0.01851	0.25734	0.01821	0.06499	0.00820	0.10774	0.01094	0.02403	0.00403	0.13628	0.01802
1	14	3	1403	2619	0.38645	0.02841	0.14696	0.01736	0.31096	0.02029	0.08590	0.01033	0.17224	0.01847	0.04766	0.00852	0.15977	0.02197
1	14	4	1404	393	0.43442	0.04325	0.17956	0.03275	0.27155	0.02864	0.07011	0.01348	0.09336	0.02034	0.01760	0.00809	0.16560	0.02743
1	14	5	1405	1743	0.45810	0.03078	0.19105	0.02252	0.35328	0.01990	0.10565	0.01114	0.12663	0.01718	0.02903	0.00619	0.14885	0.01907
1	14	6	1406	1068	0.48710	0.03117	0.20979	0.02393	0.31847	0.02336	0.08736	0.01239	0.08830	0.01506	0.01695	0.00523	0.10859	0.01476
1	14	7	1407	1557	0.45310	0.03040	0.18919	0.02148	0.27029	0.01718	0.07036	0.00833	0.08358	0.01098	0.01851	0.00482	0.15777	0.01882
1	14	8	1408	1615	0.48965	0.02698	0.21158	0.02253	0.31264	0.02086	0.08696	0.01108	0.08074	0.01221	0.01631	0.00464	0.14990	0.01935
1	14	9	1409	2773	0.46798	0.02955	0.19922	0.02115	0.33256	0.02110	0.09517	0.01158	0.11786	0.01330	0.02590	0.00505	0.17876	0.02836
1	14	10	1410	4810	0.42933	0.02242	0.17491	0.01548	0.28061	0.01132	0.07485	0.00656	0.12610	0.01188	0.03114	0.00552	0.16426	0.01837
1	14	11	1411	1845	0.48616	0.02758	0.21086	0.02187	0.29253	0.01948	0.07969	0.00922	0.08791	0.01032	0.01692	0.00384	0.16354	0.02294
1	14	12	1412	6265	0.33846	0.02516	0.12034	0.01461	0.23638	0.01281	0.05508	0.00506	0.14958	0.01588	0.03773	0.00678	0.11034	0.01836
1	15	1	1501	3310	0.36570	0.02975	0.13573	0.01734	0.35914	0.02717	0.11202	0.01569	0.14245	0.01414	0.03718	0.00672	0.17303	0.01598
1	15	2	1502	2941	0.36666	0.02588	0.13659	0.01585	0.36079	0.02157	0.11369	0.01331	0.15310	0.01674	0.04226	0.00799	0.15121	0.01529
1	15	3	1503	3533	0.37456	0.02351	0.14196	0.01493	0.31147	0.01496	0.08735	0.00811	0.12010	0.01310	0.02714	0.00473	0.14094	0.01413
1	15	4	1504	3172	0.35733	0.02283	0.13249	0.01428	0.31036	0.01493	0.08781	0.00844	0.13486	0.01207	0.03350	0.00532	0.14568	0.01243
1	15	5	1505	3715	0.37363	0.02868	0.14058	0.01802	0.35017	0.02229	0.10549	0.01254	0.14495	0.01589	0.03584	0.00645	0.15259	0.01654
1	15	6	1506	3740	0.33340	0.03360	0.11625	0.01906	0.34141	0.03587	0.10322	0.01938	0.14905	0.01648	0.03678	0.00699	0.16462	0.01744
1	15	7	1507	4165	0.34942	0.03642	0.12633	0.02108	0.34643	0.03311	0.10529	0.01756	0.15143	0.01818	0.03891	0.00799	0.15627	0.01738
1	15	8	1508	3563	0.36267	0.03284	0.13381	0.01963	0.38863	0.03384	0.12964	0.01930	0.17685	0.02047	0.05289	0.01070	0.16679	0.01980
1	15	9	1509	3393	0.35132	0.03398	0.12604	0.01924	0.37357	0.03347	0.11976	0.01932	0.15952	0.01788	0.04399	0.00870	0.12948	0.01236
1	15	10	1510	1402	0.35642	0.03394	0.12989	0.02004	0.36453	0.02976	0.11471	0.01803	0.16282	0.01828	0.04288	0.00870	0.18569	0.01951
1	15	11	1511	2936	0.36532	0.02394	0.13504	0.01435	0.32879	0.02163	0.09481	0.01116	0.14576	0.01464	0.03562	0.00582	0.14846	0.01315
1	15	12	1512	4340	0.35501	0.03471	0.12908	0.01975	0.33197	0.03679	0.09715	0.01911	0.16328	0.01761	0.04479	0.00855	0.14962	0.01840
1	15	13	1513	3669	0.34523	0.03397	0.12114	0.01874	0.31830	0.03360	0.09050	0.01681	0.16266	0.01682	0.04568	0.00801	0.12386	0.01413

Geographic/administrative information					Measures of undernutrition												Diarrhea	
					Stunting		Severe stunting		Underweight		Severe underweight		Wasting		Severe wasting			
Region	dcode	Ilaka	ilakaid	Number of children under five	S2	seS2	S3	seS3	U2	seU2	U3	seU3	W2	seW2	W3	seW3	D	seD
1	15	14	1514	4227	0.35911	0.02011	0.13312	0.01234	0.29886	0.01892	0.08147	0.00935	0.14918	0.01363	0.03740	0.00587	0.13184	0.01015
1	15	15	1515	4217	0.35801	0.02712	0.12978	0.01748	0.32940	0.03240	0.09729	0.01698	0.16313	0.01757	0.04475	0.00767	0.17203	0.01792
1	15	16	1516	4177	0.33682	0.03204	0.11901	0.01672	0.30623	0.03449	0.08489	0.01612	0.14800	0.01483	0.03782	0.00614	0.14674	0.01579
1	15	17	1517	3998	0.36875	0.02131	0.13753	0.01235	0.30629	0.01963	0.08458	0.01002	0.14424	0.01357	0.03597	0.00554	0.12970	0.01298
1	15	18	1518	2757	0.27547	0.02615	0.08708	0.01293	0.31015	0.02658	0.08880	0.01326	0.15818	0.01689	0.04213	0.00778	0.12882	0.02170
1	16	1	1601	2777	0.39920	0.02207	0.15620	0.01492	0.34519	0.01824	0.10314	0.01025	0.12472	0.01100	0.02927	0.00444	0.15330	0.01575
1	16	2	1602	2304	0.33948	0.03031	0.12026	0.01600	0.32115	0.03269	0.09256	0.01630	0.13418	0.01289	0.03247	0.00596	0.12478	0.01382
1	16	3	1603	4404	0.33531	0.03342	0.11757	0.01927	0.35199	0.03857	0.10743	0.01972	0.14860	0.01560	0.03697	0.00638	0.17798	0.01832
1	16	4	1604	3344	0.40946	0.02523	0.16250	0.01777	0.39608	0.02409	0.13195	0.01565	0.12735	0.01082	0.02925	0.00465	0.15287	0.01501
1	16	5	1605	3658	0.35894	0.03292	0.12964	0.01890	0.33223	0.03190	0.09752	0.01587	0.14123	0.01521	0.03591	0.00640	0.15599	0.01544
1	16	6	1606	3453	0.33545	0.03370	0.11841	0.01847	0.33478	0.03388	0.09886	0.01762	0.15777	0.01673	0.04072	0.00722	0.18249	0.01667
1	16	7	1607	3674	0.34734	0.03912	0.12326	0.02210	0.34046	0.03693	0.10115	0.01870	0.16700	0.01863	0.04770	0.00862	0.17864	0.01888
1	16	8	1608	4806	0.36230	0.02152	0.13412	0.01259	0.33644	0.01911	0.10183	0.01049	0.13218	0.01076	0.03129	0.00449	0.13427	0.01160
1	16	9	1609	4513	0.37548	0.03131	0.13966	0.01937	0.32600	0.03119	0.09340	0.01552	0.14602	0.01403	0.03737	0.00638	0.16788	0.01521
1	16	10	1610	4393	0.36464	0.03367	0.13371	0.01941	0.32225	0.03023	0.09165	0.01447	0.13328	0.01294	0.03220	0.00530	0.15328	0.01480
1	16	11	1611	3365	0.38713	0.02426	0.14992	0.01560	0.32258	0.02018	0.09484	0.01012	0.13503	0.01218	0.03257	0.00516	0.12471	0.01109
1	16	12	1612	3740	0.38506	0.02682	0.14675	0.01680	0.33682	0.02090	0.10079	0.01086	0.13992	0.01233	0.03403	0.00556	0.14325	0.01139
1	16	13	1613	2401	0.33451	0.02899	0.11848	0.01779	0.34276	0.02699	0.10350	0.01417	0.14629	0.01239	0.03608	0.00578	0.14827	0.01786
1	16	14	1614	1629	0.36087	0.03011	0.13448	0.01862	0.32654	0.03286	0.09556	0.01643	0.13521	0.01244	0.03356	0.00624	0.12114	0.01470
1	16	15	1615	4808	0.38459	0.02299	0.14745	0.01562	0.31374	0.01553	0.08770	0.00781	0.13322	0.00891	0.03179	0.00399	0.15237	0.01197
1	16	16	1616	4753	0.42465	0.02082	0.16948	0.01551	0.30052	0.01610	0.08122	0.00779	0.11827	0.01035	0.02646	0.00420	0.11973	0.01150
1	16	17	1617	4690	0.38698	0.02636	0.14689	0.01678	0.31448	0.02294	0.08825	0.01065	0.13704	0.01292	0.03280	0.00544	0.12795	0.01367
1	16	18	1618	3038	0.33626	0.02810	0.11832	0.01554	0.33156	0.02380	0.09725	0.01171	0.14413	0.01263	0.03460	0.00574	0.12808	0.02105
1	16	19	1619	3238	0.34067	0.02481	0.11937	0.01585	0.33727	0.02438	0.09936	0.01379	0.14484	0.01127	0.03559	0.00499	0.09763	0.02139
2	17	1	1701	3757	0.37599	0.02763	0.14130	0.01700	0.30405	0.02328	0.08432	0.01129	0.12074	0.00921	0.02823	0.00410	0.15072	0.01155
2	17	2	1702	6025	0.38230	0.02788	0.14351	0.01730	0.31340	0.02591	0.08850	0.01190	0.11822	0.00919	0.02689	0.00386	0.14465	0.01325
2	17	3	1703	4683	0.38272	0.02951	0.14488	0.01818	0.31613	0.02633	0.09043	0.01351	0.13455	0.01006	0.03385	0.00531	0.14609	0.01464
2	17	4	1704	2933	0.36634	0.02956	0.13502	0.01659	0.35888	0.02305	0.11208	0.01409	0.12780	0.01002	0.03103	0.00456	0.12932	0.01438
2	17	5	1705	3167	0.37211	0.03147	0.14149	0.01807	0.31971	0.02595	0.09106	0.01231	0.11713	0.00909	0.02689	0.00406	0.15386	0.01606
2	17	6	1706	4838	0.40577	0.02668	0.15895	0.01797	0.29557	0.02228	0.07978	0.01038	0.10926	0.00975	0.02410	0.00443	0.11435	0.01269
2	17	7	1707	3533	0.44606	0.02834	0.18344	0.01968	0.33663	0.02118	0.09903	0.01207	0.11309	0.01128	0.02480	0.00449	0.11802	0.01326
2	17	8	1708	6365	0.42595	0.02106	0.17050	0.01473	0.32885	0.01840	0.09424	0.00965	0.12009	0.00977	0.02740	0.00369	0.12758	0.01369
2	17	9	1709	4217	0.37328	0.02384	0.13833	0.01341	0.30778	0.02325	0.08490	0.01086	0.12633	0.01084	0.02984	0.00460	0.12968	0.01303
2	17	10	1710	4675	0.35772	0.02399	0.13047	0.01334	0.30936	0.02352	0.08685	0.01135	0.13428	0.00921	0.03315	0.00483	0.13383	0.01251
2	17	11	1711	2577	0.35252	0.03442	0.12690	0.01954	0.33652	0.02728	0.10065	0.01404	0.13724	0.01120	0.03499	0.00539	0.15487	0.01685
2	17	12	1712	3463	0.36382	0.03477	0.13455	0.02073	0.30471	0.02919	0.08318	0.01372	0.12533	0.00978	0.02846	0.00409	0.17316	0.01895
2	17	13	1713	1562	0.40068	0.03237	0.15616	0.02228	0.30531	0.02352	0.08421	0.01198	0.10885	0.01126	0.02359	0.00479	0.11980	0.01411
2	17	14	1714	1988	0.34485	0.02702	0.12425	0.01652	0.28913	0.02228	0.07840	0.01027	0.14221	0.01243	0.03639	0.00578	0.12367	0.01503
2	17	15	1715	4393	0.33557	0.02542	0.11840	0.01419	0.33006	0.02486	0.09695	0.01224	0.13089	0.00933	0.03126	0.00382	0.11372	0.01234

Geographic/administrative information					Measures of undernutrition												Diarrhea	
					Stunting		Severe stunting		Underweight		Severe underweight		Wasting		Severe wasting			
Region	dcode	Ilaka	ilakaid	Number of children under five	S2	seS2	S3	seS3	U2	seU2	U3	seU3	W2	seW2	W3	seW3	D	seD
2	17	16	1716	5500	0.37496	0.02348	0.14247	0.01488	0.31811	0.01528	0.09232	0.00802	0.12346	0.00885	0.02854	0.00406	0.12096	0.01092
2	17	17	1717	4213	0.36912	0.02371	0.13760	0.01444	0.34486	0.01985	0.10702	0.01314	0.09644	0.01033	0.02043	0.00365	0.14808	0.01367
2	17	18	1718	7437	0.30507	0.02999	0.10205	0.01561	0.28222	0.03076	0.07398	0.01344	0.14498	0.01793	0.03665	0.00729	0.13427	0.02037
2	18	1	1801	4734	0.41154	0.01970	0.16349	0.01457	0.32381	0.01911	0.09370	0.01049	0.08213	0.00973	0.01568	0.00303	0.14929	0.01383
2	18	2	1802	4569	0.44779	0.02855	0.18773	0.01978	0.32523	0.01693	0.09440	0.00965	0.10870	0.00986	0.02345	0.00364	0.20593	0.01748
2	18	3	1803	4330	0.42578	0.02411	0.17080	0.01747	0.32354	0.02192	0.09221	0.01129	0.10819	0.00934	0.02245	0.00324	0.15819	0.01607
2	18	4	1804	4893	0.37504	0.02375	0.14016	0.01615	0.32440	0.02121	0.09369	0.01190	0.12512	0.01034	0.02809	0.00393	0.13252	0.01299
2	18	5	1805	4530	0.36685	0.02683	0.13531	0.01617	0.32165	0.02700	0.09269	0.01417	0.11874	0.00885	0.02587	0.00345	0.16949	0.01610
2	18	6	1806	1707	0.34053	0.02714	0.12116	0.01629	0.34092	0.02219	0.10415	0.01346	0.15999	0.01298	0.04291	0.00690	0.13743	0.01505
2	18	7	1807	5141	0.43379	0.02484	0.17602	0.01767	0.32342	0.01934	0.09183	0.01045	0.11494	0.00963	0.02510	0.00346	0.16333	0.01394
2	18	8	1808	4023	0.39584	0.02362	0.15281	0.01481	0.31293	0.02131	0.08752	0.01063	0.13300	0.01055	0.03039	0.00402	0.14688	0.01258
2	18	9	1809	4535	0.40004	0.02459	0.15516	0.01584	0.34722	0.01766	0.10600	0.01053	0.13192	0.00839	0.03265	0.00402	0.16687	0.01287
2	18	10	1810	5951	0.44489	0.02561	0.18323	0.01815	0.34338	0.01716	0.10239	0.00950	0.11482	0.00932	0.02523	0.00329	0.16194	0.01641
2	18	11	1811	5049	0.43059	0.02838	0.17319	0.01927	0.32696	0.01907	0.09400	0.00943	0.11797	0.00927	0.02594	0.00328	0.16588	0.01088
2	18	12	1812	4368	0.42370	0.02784	0.17007	0.01914	0.32574	0.01912	0.09324	0.01049	0.13707	0.00988	0.03339	0.00441	0.19308	0.01615
2	18	13	1813	5410	0.43512	0.02667	0.17781	0.01890	0.34134	0.01835	0.10174	0.01029	0.10905	0.00889	0.02256	0.00308	0.21071	0.02084
2	18	14	1814	4627	0.40509	0.02254	0.16030	0.01487	0.33248	0.01720	0.09754	0.00943	0.12395	0.00826	0.02849	0.00343	0.17393	0.01426
2	18	15	1815	4848	0.38661	0.02382	0.14857	0.01541	0.33096	0.02109	0.09646	0.01144	0.12645	0.00861	0.02923	0.00375	0.19175	0.01431
2	18	16	1816	2575	0.34801	0.02905	0.12492	0.01845	0.33955	0.02137	0.10277	0.01160	0.14832	0.01298	0.03835	0.00570	0.12052	0.02297
2	19	1	1901	3999	0.43938	0.02339	0.18097	0.01783	0.32575	0.01534	0.09505	0.00867	0.08975	0.00863	0.01772	0.00281	0.13564	0.01250
2	19	2	1902	7087	0.46466	0.02936	0.19695	0.02194	0.35622	0.02032	0.10788	0.01130	0.12395	0.01009	0.02874	0.00398	0.15024	0.01726
2	19	3	1903	6099	0.40625	0.02763	0.15952	0.01854	0.34617	0.01913	0.10414	0.01000	0.13149	0.00963	0.02985	0.00364	0.19210	0.01417
2	19	4	1904	4719	0.42287	0.02416	0.17182	0.01732	0.29981	0.01316	0.08502	0.00751	0.10045	0.00790	0.02137	0.00330	0.12298	0.00937
2	19	5	1905	5430	0.44945	0.02623	0.18593	0.01889	0.33825	0.01641	0.09947	0.00908	0.13389	0.01066	0.03173	0.00432	0.14219	0.01312
2	19	6	1906	5134	0.42812	0.02447	0.17259	0.01725	0.34612	0.01691	0.10477	0.00951	0.14282	0.01071	0.03508	0.00413	0.18405	0.01308
2	19	7	1907	5206	0.41646	0.02525	0.16505	0.01798	0.33793	0.01911	0.09971	0.01005	0.14690	0.01049	0.03703	0.00485	0.13776	0.00959
2	19	8	1908	4906	0.40488	0.02557	0.15875	0.01748	0.30546	0.02204	0.08454	0.01014	0.14300	0.01024	0.03525	0.00458	0.16342	0.01283
2	19	9	1909	4956	0.38640	0.02621	0.14594	0.01569	0.31746	0.02622	0.09096	0.01262	0.15136	0.01045	0.03918	0.00541	0.17568	0.01359
2	19	10	1910	6474	0.41477	0.02286	0.16469	0.01501	0.31184	0.01543	0.08796	0.00817	0.12693	0.00959	0.02997	0.00383	0.11755	0.00867
2	19	11	1911	4838	0.40351	0.02474	0.15768	0.01684	0.33542	0.02183	0.09936	0.01212	0.13580	0.01082	0.03223	0.00418	0.17848	0.01265
2	19	12	1912	4088	0.42715	0.02480	0.17195	0.01687	0.32580	0.02476	0.09425	0.01145	0.13708	0.01022	0.03333	0.00434	0.19024	0.01546
2	19	13	1913	3789	0.41018	0.02603	0.16331	0.01839	0.32656	0.02139	0.09585	0.01114	0.14251	0.01171	0.03499	0.00507	0.20211	0.01639
2	19	14	1914	6146	0.43953	0.02453	0.18207	0.01796	0.29402	0.01945	0.07958	0.00954	0.12506	0.01018	0.02962	0.00432	0.11404	0.01008
2	19	15	1915	2795	0.43681	0.02675	0.18254	0.02016	0.29629	0.02661	0.08157	0.01263	0.14727	0.01276	0.03748	0.00595	0.20437	0.01709
2	19	16	1916	4939	0.41489	0.02679	0.16497	0.01743	0.29387	0.02662	0.07928	0.01233	0.14006	0.01171	0.03376	0.00473	0.18878	0.01652
2	19	17	1917	3656	0.39136	0.03480	0.14984	0.02204	0.33150	0.02985	0.09962	0.01588	0.12688	0.01001	0.02917	0.00421	0.16932	0.01497
2	19	18	1918	2579	0.35704	0.03225	0.12984	0.02001	0.35058	0.02237	0.10610	0.01274	0.15334	0.01420	0.03952	0.00692	0.14059	0.02389
2	20	1	2001	1425	0.49435	0.02899	0.21755	0.02393	0.34009	0.02873	0.09670	0.01431	0.11270	0.01456	0.02525	0.00601	0.13516	0.01833
2	20	2	2002	1250	0.48830	0.02946	0.21203	0.02216	0.33084	0.01947	0.09511	0.01194	0.10386	0.01405	0.02129	0.00481	0.14548	0.01546

Geographic/administrative information					Measures of undernutrition												Diarrhea	
					Stunting		Severe stunting		Underweight		Severe underweight		Wasting		Severe wasting			
Region	dcode	Ilaka	ilakaid	Number of children under five	S2	seS2	S3	seS3	U2	seU2	U3	seU3	W2	seW2	W3	seW3	D	seD
2	20	3	2003	3952	0.49259	0.02846	0.21699	0.02170	0.36744	0.01883	0.11354	0.01117	0.15992	0.01207	0.04169	0.00561	0.16493	0.01971
2	20	4	2004	2921	0.48073	0.02534	0.20748	0.01966	0.37913	0.01793	0.12068	0.01114	0.14367	0.01170	0.03554	0.00533	0.16363	0.02019
2	20	5	2005	1291	0.49083	0.03192	0.21534	0.02457	0.32844	0.02846	0.09261	0.01484	0.12530	0.01645	0.02898	0.00650	0.13490	0.01729
2	20	6	2006	971	0.45330	0.02950	0.19030	0.02263	0.30470	0.02436	0.08065	0.01202	0.10001	0.01269	0.02027	0.00458	0.17735	0.01525
2	20	7	2007	2021	0.47431	0.03104	0.20218	0.02191	0.34193	0.01878	0.10059	0.01186	0.10898	0.01035	0.02402	0.00378	0.16278	0.02786
2	20	8	2008	1735	0.46821	0.03026	0.19920	0.02417	0.34311	0.02143	0.10157	0.01133	0.13629	0.01530	0.03363	0.00708	0.18799	0.02238
2	20	9	2009	1281	0.47493	0.03019	0.20456	0.02367	0.32068	0.01983	0.08895	0.01105	0.10137	0.01292	0.02012	0.00477	0.17492	0.02666
2	20	10	2010	1802	0.46179	0.02755	0.19500	0.01994	0.31857	0.02038	0.08875	0.01088	0.11843	0.01328	0.02646	0.00521	0.12237	0.01615
2	20	11	2011	1633	0.48973	0.03068	0.21382	0.02334	0.34176	0.02802	0.09994	0.01551	0.11514	0.01126	0.02542	0.00529	0.15074	0.01658
2	20	12	2012	2736	0.49564	0.03162	0.21962	0.02519	0.36098	0.01950	0.10969	0.01108	0.16321	0.01396	0.04307	0.00668	0.16168	0.02198
2	20	13	2013	4547	0.51036	0.02682	0.22942	0.02138	0.39126	0.02164	0.12675	0.01251	0.17335	0.01680	0.04770	0.00771	0.15776	0.02214
2	20	14	2014	3315	0.39286	0.02641	0.15272	0.01731	0.22663	0.01773	0.05300	0.00688	0.10903	0.01198	0.02437	0.00485	0.13310	0.02257
2	21	1	2101	1083	0.44181	0.02611	0.18170	0.02067	0.22346	0.01912	0.05024	0.00820	0.07526	0.01525	0.01476	0.00542	0.11486	0.01575
2	21	2	2102	1396	0.48311	0.03064	0.20875	0.02484	0.24906	0.02224	0.05862	0.00920	0.05700	0.00741	0.00960	0.00288	0.10510	0.01356
2	21	3	2103	1302	0.46367	0.02988	0.19534	0.02301	0.24652	0.01886	0.05790	0.00859	0.06665	0.00926	0.01168	0.00357	0.12088	0.01556
2	21	4	2104	1574	0.48507	0.02702	0.21165	0.01977	0.23277	0.02187	0.05323	0.00908	0.07115	0.00873	0.01302	0.00323	0.10172	0.01752
2	21	5	2105	1530	0.46427	0.02766	0.19530	0.02029	0.25697	0.01892	0.06160	0.00863	0.08148	0.00920	0.01542	0.00318	0.11023	0.01474
2	21	6	2106	1575	0.41919	0.02692	0.16917	0.01826	0.24932	0.01757	0.06014	0.00705	0.07262	0.00701	0.01301	0.00307	0.11974	0.01556
2	21	7	2107	1933	0.42143	0.02632	0.16865	0.01749	0.25040	0.01426	0.06206	0.00663	0.10895	0.01152	0.02389	0.00491	0.11263	0.01171
2	21	8	2108	1142	0.44564	0.02799	0.18534	0.02153	0.24268	0.01989	0.05721	0.00894	0.08218	0.00879	0.01674	0.00409	0.11239	0.01758
2	21	9	2109	1630	0.44864	0.03204	0.18597	0.02283	0.27357	0.02489	0.06823	0.01064	0.09346	0.01117	0.01891	0.00404	0.09016	0.01578
2	21	10	2110	1730	0.44498	0.02562	0.18335	0.01980	0.27265	0.02223	0.06787	0.00994	0.08272	0.00892	0.01565	0.00310	0.10425	0.01530
2	21	11	2111	1128	0.46482	0.02780	0.19709	0.02039	0.29032	0.01985	0.07468	0.01007	0.10148	0.01235	0.02192	0.00484	0.09042	0.01668
2	22	1	2201	741	0.53806	0.02711	0.25032	0.02367	0.32958	0.03106	0.09407	0.01747	0.09430	0.02083	0.02116	0.00814	0.10997	0.02113
2	22	2	2202	1778	0.51836	0.02552	0.23930	0.02115	0.31989	0.02023	0.08848	0.01059	0.06374	0.00827	0.01091	0.00302	0.10956	0.01488
2	22	3	2203	1258	0.51411	0.02822	0.23523	0.02240	0.31393	0.02121	0.09153	0.01187	0.07180	0.01318	0.01273	0.00431	0.09224	0.01341
2	22	4	2204	1073	0.54015	0.02720	0.25447	0.02325	0.33985	0.02348	0.09969	0.01336	0.06322	0.00899	0.01062	0.00347	0.10494	0.01575
2	22	5	2205	1145	0.50098	0.02381	0.22455	0.01940	0.33455	0.02349	0.09941	0.01238	0.07770	0.01047	0.01406	0.00387	0.12954	0.01366
2	22	6	2206	1709	0.50949	0.02553	0.22982	0.02034	0.34275	0.02649	0.10097	0.01508	0.07983	0.00793	0.01445	0.00355	0.11517	0.01519
2	22	7	2207	1538	0.50669	0.02687	0.22976	0.02104	0.29485	0.02581	0.07790	0.01154	0.06182	0.00797	0.01030	0.00271	0.08833	0.01372
2	22	8	2208	682	0.46936	0.03098	0.20239	0.02357	0.29411	0.02674	0.07724	0.01258	0.05549	0.01080	0.00939	0.00424	0.07271	0.01572
2	22	9	2209	899	0.49824	0.02807	0.22097	0.02205	0.29152	0.02624	0.07471	0.01317	0.05481	0.00858	0.00841	0.00341	0.08515	0.01607
2	22	10	2210	2025	0.57539	0.02265	0.28383	0.02202	0.31655	0.02642	0.08707	0.01361	0.05397	0.00737	0.00941	0.00269	0.11217	0.01522
2	22	11	2211	1220	0.56139	0.02608	0.26913	0.02146	0.33402	0.02533	0.09626	0.01418	0.06477	0.01134	0.01268	0.00427	0.10284	0.01655
2	22	12	2212	1664	0.42557	0.03104	0.17191	0.02069	0.28095	0.02235	0.07104	0.00953	0.08215	0.01128	0.01632	0.00504	0.07228	0.01563
2	23	1	2301	2090	0.46054	0.03412	0.19523	0.02332	0.26532	0.02697	0.07224	0.01212	0.08621	0.01298	0.01816	0.00414	0.08074	0.01499
2	23	2	2302	2325	0.45222	0.02487	0.19079	0.01851	0.29318	0.02058	0.07732	0.00985	0.08813	0.00963	0.01746	0.00360	0.09875	0.01480
2	23	3	2303	1160	0.50653	0.02475	0.22949	0.01890	0.32010	0.02750	0.09008	0.01551	0.06390	0.00952	0.01096	0.00337	0.07952	0.01698
2	23	4	2304	935	0.44750	0.03348	0.18557	0.02307	0.29629	0.02761	0.07829	0.01441	0.07271	0.01054	0.01306	0.00412	0.08049	0.01583

Geographic/administrative information					Measures of undernutrition												Diarrhea	
					Stunting		Severe stunting		Underweight		Severe underweight		Wasting		Severe wasting			
Region	dcode	Ilaka	ilakaid	Number of children under five	S2	seS2	S3	seS3	U2	seU2	U3	seU3	W2	seW2	W3	seW3	D	seD
2	23	5	2305	1283	0.45790	0.03455	0.19436	0.02454	0.29773	0.02187	0.07942	0.01128	0.07693	0.01066	0.01376	0.00353	0.06501	0.01494
2	23	6	2306	2090	0.50727	0.02395	0.22879	0.01809	0.31429	0.02285	0.08746	0.01152	0.08635	0.00902	0.01676	0.00341	0.09326	0.01431
2	23	7	2307	1807	0.55646	0.02645	0.26858	0.02456	0.35340	0.03287	0.10746	0.01861	0.11217	0.02038	0.02729	0.00817	0.12642	0.01757
2	23	8	2308	2206	0.49411	0.02445	0.22313	0.01997	0.29770	0.02515	0.07849	0.01171	0.08277	0.00978	0.01692	0.00401	0.09936	0.01440
2	23	9	2309	2706	0.49215	0.02464	0.21639	0.01956	0.28784	0.02326	0.07461	0.00996	0.07982	0.00859	0.01460	0.00304	0.07259	0.01375
2	23	10	2310	2206	0.44539	0.02977	0.18497	0.02153	0.32772	0.02107	0.09428	0.01196	0.09891	0.01087	0.02063	0.00425	0.10281	0.01523
2	23	11	2311	1857	0.47327	0.03663	0.20099	0.02543	0.30221	0.02526	0.08109	0.01118	0.07031	0.00968	0.01223	0.00324	0.09395	0.01464
2	23	12	2312	1068	0.50609	0.03527	0.22776	0.02619	0.37900	0.02974	0.11953	0.01966	0.10903	0.02187	0.02549	0.00788	0.08805	0.01896
2	23	13	2313	1761	0.49131	0.02641	0.21483	0.02069	0.32418	0.02220	0.08936	0.01114	0.07984	0.01043	0.01452	0.00358	0.09020	0.01615
2	24	1	2401	3012	0.47421	0.02500	0.20246	0.01926	0.26740	0.01827	0.06578	0.00799	0.09932	0.01225	0.02083	0.00425	0.15121	0.01778
2	24	2	2402	1941	0.40884	0.02713	0.15849	0.01928	0.27781	0.01748	0.07160	0.00814	0.10694	0.00855	0.02455	0.00378	0.09136	0.01175
2	24	3	2403	1194	0.42711	0.02997	0.17286	0.02048	0.23233	0.02094	0.05435	0.00841	0.08361	0.01483	0.01608	0.00460	0.09618	0.01717
2	24	4	2404	1275	0.40935	0.02925	0.16068	0.01964	0.27531	0.02143	0.06998	0.01127	0.09646	0.01030	0.01927	0.00500	0.12289	0.01567
2	24	5	2405	1445	0.35621	0.03478	0.12835	0.02135	0.25793	0.01747	0.06322	0.00848	0.08825	0.01201	0.01716	0.00362	0.07370	0.01426
2	24	6	2406	1770	0.37725	0.03109	0.14149	0.01887	0.26835	0.02311	0.06635	0.00948	0.08744	0.00929	0.01706	0.00341	0.08614	0.01371
2	24	7	2407	1851	0.45851	0.02811	0.19362	0.02117	0.28397	0.02124	0.07164	0.00989	0.10321	0.01538	0.02066	0.00525	0.15025	0.02179
2	24	8	2408	1322	0.34328	0.03047	0.12143	0.01883	0.23896	0.02178	0.05580	0.00997	0.08351	0.01004	0.01641	0.00393	0.06182	0.01340
2	24	9	2409	1115	0.33749	0.03386	0.11913	0.01833	0.23901	0.02122	0.05505	0.00818	0.06835	0.01120	0.01171	0.00376	0.04855	0.01390
2	24	10	2410	1156	0.30822	0.02846	0.10410	0.01723	0.24410	0.02194	0.05836	0.00978	0.11923	0.01557	0.03093	0.00868	0.09101	0.01750
2	24	11	2411	1789	0.35113	0.02821	0.12690	0.01698	0.25686	0.01855	0.06153	0.00755	0.08867	0.00968	0.01708	0.00395	0.07464	0.01240
2	24	12	2412	2145	0.36798	0.03139	0.13919	0.01976	0.24040	0.01709	0.05586	0.00681	0.10490	0.01370	0.02182	0.00474	0.06930	0.01211
2	24	13	2413	1708	0.40644	0.02895	0.15955	0.01891	0.27111	0.02077	0.06679	0.00888	0.11083	0.01281	0.02398	0.00501	0.07751	0.01453
2	24	14	2414	846	0.38551	0.03670	0.14635	0.02183	0.27716	0.02532	0.07144	0.01136	0.08290	0.01086	0.01555	0.00472	0.09761	0.01710
2	24	15	2415	1053	0.38319	0.03187	0.14503	0.02081	0.23484	0.01902	0.05414	0.00842	0.09694	0.01197	0.02132	0.00525	0.07269	0.01429
2	24	16	2416	1611	0.31378	0.03777	0.10885	0.02086	0.22149	0.02908	0.05204	0.01110	0.09560	0.01679	0.02283	0.00675	0.10239	0.01840
2	24	17	2417	1001	0.32612	0.03612	0.11377	0.02019	0.19960	0.02298	0.04341	0.00917	0.12199	0.01758	0.03279	0.00863	0.06913	0.01393
2	24	18	2418	1752	0.32398	0.02659	0.11291	0.01593	0.23029	0.01899	0.05249	0.00811	0.09119	0.01239	0.01858	0.00470	0.05444	0.01514
2	25	1	2501	2023	0.30818	0.03800	0.10475	0.02079	0.15325	0.02870	0.02957	0.00864	0.10911	0.02123	0.02595	0.00829	0.18550	0.02541
2	25	2	2502	590	0.31942	0.03554	0.10981	0.01959	0.24625	0.03013	0.05867	0.01301	0.10442	0.01994	0.02361	0.00853	0.09405	0.02227
2	25	3	2503	1412	0.31315	0.03474	0.10748	0.01884	0.20832	0.03055	0.04565	0.01058	0.11748	0.02071	0.02625	0.00779	0.16449	0.02270
2	25	4	2504	1335	0.34857	0.04700	0.12853	0.02844	0.16955	0.02458	0.03390	0.00794	0.12322	0.01801	0.03116	0.00747	0.13701	0.02232
2	25	5	2505	1971	0.29733	0.04365	0.10034	0.02409	0.21325	0.03657	0.04775	0.01306	0.08748	0.02107	0.01928	0.00706	0.20022	0.02979
2	25	6	2506	368	0.41742	0.06755	0.16907	0.04356	0.22979	0.03100	0.05833	0.01560	0.12093	0.02202	0.03182	0.01293	0.10952	0.03106
2	25	7	2507	680	0.33385	0.04352	0.11742	0.02646	0.26172	0.03388	0.07179	0.01736	0.15405	0.02919	0.04843	0.01649	0.13071	0.02662
2	25	8	2508	1131	0.29890	0.03256	0.09975	0.01802	0.25603	0.02828	0.06550	0.01277	0.10956	0.01644	0.02450	0.00706	0.13419	0.02003
2	25	9	2509	1532	0.30579	0.02691	0.10434	0.01491	0.25093	0.02750	0.06223	0.01153	0.10353	0.01445	0.02284	0.00514	0.11948	0.01873
2	25	10	2510	2729	0.33224	0.02677	0.11701	0.01497	0.23696	0.02099	0.05478	0.00823	0.11007	0.01295	0.02512	0.00536	0.07968	0.01488
2	25	11	2511	1073	0.36762	0.03743	0.13628	0.02293	0.26072	0.02129	0.06416	0.00977	0.08725	0.01215	0.01692	0.00432	0.07184	0.01205
2	25	12	2512	679	0.36566	0.03814	0.13571	0.02401	0.25257	0.02429	0.05823	0.01059	0.09596	0.01521	0.01954	0.00594	0.07942	0.01180

Geographic/administrative information					Measures of undernutrition												Diarrhea	
					Stunting		Severe stunting		Underweight		Severe underweight		Wasting		Severe wasting			
Region	dcode	Ilaka	ilakaid	Number of children under five	S2	seS2	S3	seS3	U2	seU2	U3	seU3	W2	seW2	W3	seW3	D	seD
2	25	13	2513	836	0.36290	0.03822	0.13414	0.02283	0.25926	0.02337	0.06396	0.01054	0.09462	0.01245	0.01959	0.00490	0.09289	0.01371
2	25	14	2514	12967	0.27804	0.03717	0.09018	0.01853	0.13800	0.03031	0.02537	0.00835	0.04133	0.01342	0.00767	0.00365	0.13415	0.02250
2	26	1	2601	5053	0.31996	0.03396	0.11124	0.01845	0.16437	0.01958	0.03122	0.00613	0.03849	0.00938	0.00583	0.00235	0.08880	0.01863
2	26	2	2602	1180	0.31262	0.03598	0.10734	0.01922	0.26445	0.02450	0.06736	0.01184	0.13988	0.02193	0.03750	0.01016	0.12426	0.01965
2	26	3	2603	966	0.32037	0.03315	0.10870	0.01791	0.26920	0.02337	0.06805	0.01078	0.09157	0.01272	0.01833	0.00474	0.08422	0.01805
2	26	4	2604	674	0.29376	0.03697	0.09695	0.01841	0.24408	0.02472	0.05906	0.01081	0.09358	0.01453	0.01983	0.00608	0.07215	0.01591
2	26	5	2605	938	0.33092	0.03101	0.11364	0.01684	0.25868	0.02682	0.06136	0.01154	0.08791	0.01251	0.01658	0.00488	0.06308	0.01517
2	26	6	2606	723	0.31082	0.03149	0.10344	0.01725	0.24266	0.02613	0.05868	0.01099	0.07782	0.01302	0.01406	0.00486	0.09691	0.01801
2	26	7	2607	676	0.30733	0.04484	0.10316	0.02486	0.21789	0.02509	0.04868	0.01104	0.09640	0.01781	0.02002	0.00705	0.13069	0.02181
2	26	8	2608	1400	0.30706	0.04826	0.10449	0.02649	0.18477	0.03112	0.03760	0.00998	0.08888	0.01996	0.01797	0.00645	0.18329	0.03457
2	26	9	2609	1369	0.29410	0.03082	0.09672	0.01677	0.26940	0.03132	0.06907	0.01309	0.11209	0.01626	0.02546	0.00597	0.14672	0.01919
2	26	10	2610	1126	0.27419	0.04336	0.08871	0.02068	0.19368	0.02972	0.04123	0.01096	0.10259	0.02287	0.02338	0.00842	0.23932	0.03175
2	26	11	2611	5670	0.29568	0.03752	0.10040	0.01920	0.17745	0.02662	0.03696	0.00897	0.08077	0.01327	0.01778	0.00491	0.12455	0.02018
2	27	1	2701	1803	0.34086	0.03471	0.12025	0.02050	0.28264	0.01901	0.07352	0.00995	0.09842	0.01502	0.02017	0.00559	0.08400	0.01468
2	27	2	2702	7701	0.32958	0.03840	0.11615	0.02227	0.13630	0.02889	0.02551	0.00772	0.05435	0.01356	0.01050	0.00399	0.13903	0.02360
2	27	3	2703	2063	0.31382	0.02773	0.10733	0.01471	0.23314	0.01927	0.05717	0.00721	0.11164	0.01532	0.02584	0.00587	0.10827	0.01618
2	27	4	2704	2882	0.31770	0.04183	0.10925	0.02227	0.18957	0.02748	0.04027	0.00947	0.11903	0.02182	0.02918	0.00826	0.17817	0.02409
2	27	5	2705	5029	0.27970	0.03475	0.09093	0.01757	0.16078	0.02658	0.03135	0.00831	0.05923	0.01261	0.01089	0.00367	0.18191	0.02624
2	27	6	2706	2538	0.30146	0.03443	0.10149	0.01843	0.15150	0.02631	0.02826	0.00794	0.08339	0.01671	0.01763	0.00600	0.17014	0.02131
2	27	7	2707	569	0.26542	0.02760	0.08359	0.01473	0.25384	0.02857	0.06323	0.01170	0.09225	0.01613	0.01710	0.00630	0.06032	0.01508
2	27	8	2708	2451	0.26861	0.03687	0.08487	0.01819	0.15739	0.02841	0.03121	0.00881	0.05028	0.01272	0.01000	0.00391	0.19759	0.02812
2	27	9	2709	4119	0.27492	0.03782	0.08829	0.01855	0.13667	0.02984	0.02380	0.00811	0.02462	0.01130	0.00333	0.00236	0.19295	0.03082
2	27	10	2710	4891	0.28520	0.03029	0.09318	0.01525	0.19456	0.02579	0.04192	0.00874	0.07011	0.01088	0.01377	0.00317	0.14730	0.02261
2	27	11	2711	5069	0.28389	0.03201	0.09270	0.01638	0.20811	0.02532	0.04658	0.00904	0.09797	0.01688	0.02190	0.00551	0.15750	0.02283
2	27	12	2712	1695	0.28254	0.02846	0.09073	0.01447	0.21814	0.02659	0.04921	0.00988	0.09914	0.01821	0.02122	0.00643	0.16084	0.01945
2	27	13	2713	277	0.32971	0.04494	0.11385	0.02579	0.21551	0.03572	0.04771	0.01477	0.09915	0.02049	0.01935	0.00841	0.12219	0.02233
2	27	14	2714	5068	0.31323	0.03389	0.10731	0.01861	0.20598	0.02629	0.04623	0.00909	0.12299	0.01809	0.03136	0.00746	0.15981	0.02244
2	27	15	2715	1628	0.32440	0.02215	0.11296	0.01306	0.22671	0.01901	0.05122	0.00779	0.08978	0.01128	0.01817	0.00405	0.07984	0.01699
2	27	16	2716	59910	0.26340	0.03688	0.08377	0.01744	0.12535	0.02870	0.02172	0.00753	0.03237	0.01236	0.00525	0.00288	0.13639	0.02287
2	27	17	2717	3481	0.22552	0.03916	0.06824	0.01758	0.19751	0.02936	0.04217	0.00959	0.12185	0.01986	0.02883	0.00759	0.15046	0.03181
2	28	1	2801	952	0.40430	0.03813	0.15733	0.02455	0.25736	0.02723	0.06263	0.01192	0.08772	0.01204	0.01748	0.00446	0.10565	0.01747
2	28	2	2802	1190	0.38129	0.03550	0.14322	0.02225	0.26449	0.02166	0.06559	0.00964	0.10581	0.01229	0.02299	0.00490	0.09096	0.01739
2	28	3	2803	2331	0.37209	0.03556	0.13764	0.02083	0.27341	0.01974	0.07033	0.00942	0.10813	0.01258	0.02407	0.00488	0.07519	0.01338
2	28	4	2804	2798	0.39061	0.03005	0.15026	0.01831	0.25922	0.01869	0.06193	0.00856	0.11031	0.01272	0.02471	0.00518	0.09138	0.01274
2	28	5	2805	1195	0.45217	0.03282	0.18831	0.02302	0.23131	0.02229	0.05164	0.00888	0.08211	0.01081	0.01552	0.00365	0.09993	0.01608
2	28	6	2806	1396	0.36828	0.03680	0.13532	0.02112	0.25418	0.02687	0.06042	0.01061	0.07622	0.00994	0.01397	0.00357	0.06245	0.01377
2	28	7	2807	1184	0.40107	0.04115	0.15696	0.02545	0.27425	0.03010	0.06996	0.01476	0.08612	0.01141	0.01754	0.00465	0.07697	0.01558
2	28	8	2808	1459	0.37359	0.03572	0.13869	0.02131	0.25345	0.02129	0.06125	0.00927	0.09219	0.01444	0.01826	0.00516	0.08357	0.01311
2	28	9	2809	1950	0.39746	0.03413	0.15431	0.02149	0.26282	0.02238	0.06371	0.00970	0.10578	0.01378	0.02240	0.00527	0.09998	0.01391

Geographic/administrative information					Measures of undernutrition												Diarrhea	
					Stunting		Severe stunting		Underweight		Severe underweight		Wasting		Severe wasting			
Region	dcode	Ilaka	ilakaid	Number of children under five	S2	seS2	S3	seS3	U2	seU2	U3	seU3	W2	seW2	W3	seW3	D	seD
2	28	10	2810	1621	0.41150	0.03395	0.16284	0.02250	0.28125	0.02315	0.07138	0.01056	0.10736	0.01157	0.02285	0.00462	0.10181	0.01470
2	28	11	2811	1007	0.40579	0.03259	0.15808	0.02137	0.26166	0.02005	0.06391	0.00823	0.09830	0.01377	0.01957	0.00524	0.09581	0.01651
2	28	12	2812	1145	0.39384	0.03851	0.14939	0.02350	0.29696	0.02623	0.07757	0.01298	0.09304	0.01256	0.01913	0.00505	0.13236	0.02117
2	28	13	2813	1551	0.42030	0.04497	0.16663	0.03033	0.30283	0.02912	0.08178	0.01452	0.09386	0.01518	0.01954	0.00548	0.13955	0.02193
2	28	14	2814	1992	0.34096	0.03351	0.12109	0.01791	0.16953	0.01859	0.03253	0.00599	0.11521	0.01623	0.02557	0.00611	0.07191	0.01417
2	29	1	2901	444	0.45187	0.04945	0.19342	0.03447	0.28910	0.02995	0.08126	0.01701	0.09465	0.02142	0.01862	0.00850	0.10260	0.01844
2	29	2	2902	806	0.53353	0.03034	0.24625	0.02741	0.36466	0.03683	0.11146	0.02247	0.08648	0.01366	0.01666	0.00549	0.11899	0.02079
2	29	3	2903	850	0.45002	0.03849	0.18577	0.02634	0.27854	0.02734	0.07068	0.01310	0.08311	0.01434	0.01611	0.00532	0.08871	0.01695
2	29	4	2904	525	0.45051	0.03907	0.19065	0.02795	0.28692	0.03054	0.07550	0.01481	0.08478	0.01489	0.01528	0.00510	0.10981	0.01718
2	29	5	2905	304	0.44964	0.04047	0.18269	0.03147	0.31501	0.02993	0.08529	0.01853	0.07803	0.01684	0.01554	0.00698	0.10715	0.01465
2	29	6	2906	357	0.48828	0.03547	0.21839	0.02803	0.37343	0.03556	0.11576	0.02206	0.13818	0.03649	0.03395	0.01571	0.10532	0.02109
2	29	7	2907	119	0.48209	0.05706	0.20910	0.04326	0.34451	0.04104	0.10220	0.02919	0.16246	0.04219	0.04687	0.02262	0.07091	0.02381
2	29	8	2908	76	0.40774	0.06515	0.15882	0.04396	0.35437	0.05816	0.11208	0.03610	0.08912	0.03824	0.02160	0.01826	0.04398	0.02420
2	29	9	2909	261	0.44181	0.04692	0.18468	0.02915	0.28235	0.03418	0.07650	0.01597	0.09001	0.02137	0.01961	0.00920	0.08054	0.01778
2	30	1	3001	1586	0.47002	0.02827	0.20060	0.02103	0.26779	0.02552	0.06760	0.01203	0.10114	0.01660	0.02282	0.00696	0.11072	0.01745
2	30	2	3002	1750	0.45654	0.03154	0.19138	0.02468	0.28558	0.02437	0.07659	0.01142	0.08152	0.01164	0.01652	0.00437	0.09813	0.01459
2	30	3	3003	1226	0.39695	0.03526	0.15326	0.02257	0.22019	0.01958	0.04767	0.00649	0.06997	0.00909	0.01161	0.00300	0.09878	0.01502
2	30	4	3004	1658	0.39539	0.03331	0.15409	0.02160	0.20259	0.01844	0.04193	0.00652	0.08944	0.01228	0.01727	0.00412	0.10197	0.01794
2	30	5	3005	1402	0.39025	0.03380	0.14877	0.02061	0.19407	0.02237	0.03899	0.00763	0.06536	0.01072	0.01076	0.00328	0.08245	0.01629
2	30	6	3006	1981	0.45112	0.02681	0.18921	0.01927	0.21888	0.01615	0.04730	0.00646	0.07465	0.00918	0.01316	0.00330	0.09590	0.01469
2	30	7	3007	3532	0.43082	0.02268	0.17528	0.01515	0.19219	0.01969	0.03897	0.00636	0.08427	0.01003	0.01674	0.00353	0.12359	0.01281
2	30	8	3008	2092	0.43408	0.02877	0.17835	0.01998	0.25216	0.01706	0.05939	0.00750	0.09022	0.01005	0.01781	0.00393	0.08985	0.01229
2	30	9	3009	2829	0.46491	0.02994	0.19765	0.02161	0.22683	0.01713	0.04937	0.00674	0.08128	0.01003	0.01494	0.00350	0.10442	0.01276
2	30	10	3010	2316	0.33166	0.03811	0.11665	0.02096	0.23444	0.01759	0.05283	0.00695	0.09602	0.01326	0.01935	0.00442	0.06355	0.01363
2	30	11	3011	2271	0.37362	0.03611	0.13803	0.02249	0.20140	0.01670	0.04149	0.00656	0.09432	0.01176	0.01956	0.00403	0.08996	0.01294
2	30	12	3012	3953	0.41883	0.02813	0.16852	0.01949	0.23551	0.01713	0.05472	0.00732	0.10479	0.01042	0.02232	0.00382	0.11527	0.01256
2	30	13	3013	3484	0.43692	0.02765	0.17974	0.01978	0.25895	0.01757	0.06531	0.00741	0.10501	0.01213	0.02202	0.00407	0.12180	0.01435
2	31	1	3101	3988	0.48400	0.02820	0.20972	0.02215	0.34197	0.01945	0.09997	0.01084	0.15518	0.01587	0.03995	0.00730	0.13126	0.02109
2	31	2	3102	3627	0.45547	0.02889	0.19079	0.02065	0.27659	0.02036	0.06866	0.00859	0.13231	0.01427	0.03099	0.00532	0.11534	0.01570
2	31	3	3103	2793	0.30084	0.03042	0.09997	0.01588	0.22291	0.01707	0.05080	0.00651	0.11261	0.01191	0.02734	0.00559	0.09088	0.01760
2	31	4	3104	2403	0.38235	0.03074	0.14509	0.01937	0.21997	0.01743	0.04821	0.00702	0.10257	0.01263	0.02227	0.00389	0.10369	0.01275
2	31	5	3105	1997	0.47971	0.03692	0.20567	0.02757	0.31601	0.02922	0.09126	0.01395	0.15041	0.01833	0.04536	0.01144	0.15459	0.01917
2	31	6	3106	2931	0.38726	0.03615	0.14771	0.02172	0.22127	0.02029	0.04899	0.00766	0.11692	0.01543	0.02734	0.00569	0.11237	0.01715
2	31	7	3107	1387	0.33822	0.03979	0.11841	0.02148	0.18057	0.02099	0.03476	0.00637	0.08165	0.01230	0.01674	0.00454	0.08664	0.01932
2	31	8	3108	3299	0.38631	0.03157	0.14805	0.02096	0.24235	0.01943	0.05600	0.00751	0.11353	0.01285	0.02556	0.00473	0.11492	0.01579
2	31	9	3109	2250	0.45624	0.02960	0.19044	0.02145	0.29155	0.02226	0.07733	0.00988	0.10514	0.01383	0.02239	0.00526	0.11031	0.01370
2	31	10	3110	2469	0.37383	0.03056	0.14010	0.01931	0.23399	0.02067	0.05286	0.00793	0.08636	0.01115	0.01673	0.00359	0.07767	0.01347
2	31	11	3111	2834	0.44122	0.02651	0.18157	0.01877	0.28163	0.01930	0.07389	0.00920	0.11394	0.01357	0.02527	0.00477	0.13534	0.01569
2	31	12	3112	1180	0.37804	0.03057	0.14318	0.01977	0.19455	0.01979	0.04108	0.00728	0.07200	0.00806	0.01285	0.00296	0.08846	0.01394

Geographic/administrative information					Measures of undernutrition												Diarrhea	
					Stunting		Severe stunting		Underweight		Severe underweight		Wasting		Severe wasting			
Region	dcode	Ilaka	ilakaid	Number of children under five	S2	seS2	S3	seS3	U2	seU2	U3	seU3	W2	seW2	W3	seW3	D	seD
2	31	13	3113	1521	0.37243	0.03538	0.13900	0.02193	0.23646	0.01816	0.05455	0.00852	0.07032	0.01003	0.01234	0.00310	0.07383	0.01470
2	31	14	3114	5502	0.28219	0.02548	0.09157	0.01340	0.17597	0.02689	0.03624	0.00880	0.12647	0.02136	0.03077	0.00786	0.14616	0.02387
2	32	1	3201	1581	0.37359	0.03267	0.14004	0.01986	0.39368	0.02969	0.13021	0.01858	0.14927	0.01347	0.03717	0.00578	0.18680	0.01740
2	32	2	3202	4965	0.42361	0.02941	0.17132	0.01934	0.34026	0.02142	0.10335	0.01155	0.15647	0.01283	0.04814	0.00920	0.18817	0.01502
2	32	3	3203	3378	0.42164	0.02774	0.17102	0.01953	0.34731	0.01814	0.10704	0.01082	0.15121	0.01065	0.04714	0.00708	0.20781	0.01706
2	32	4	3204	3710	0.39114	0.03083	0.15034	0.01846	0.32351	0.02648	0.09402	0.01379	0.13233	0.01030	0.03118	0.00418	0.18342	0.01602
2	32	5	3205	6340	0.41762	0.02936	0.16798	0.01992	0.34030	0.02577	0.10406	0.01347	0.15827	0.01128	0.04270	0.00553	0.21725	0.01693
2	32	6	3206	5787	0.47702	0.03266	0.21072	0.02553	0.34619	0.02288	0.10680	0.01288	0.12696	0.01045	0.03085	0.00461	0.23523	0.02288
2	32	7	3207	5665	0.42399	0.02784	0.17136	0.01850	0.32953	0.02324	0.09916	0.01156	0.14617	0.01135	0.03816	0.00533	0.20891	0.01700
2	32	8	3208	5944	0.40763	0.03225	0.16036	0.02098	0.30364	0.02450	0.08359	0.01185	0.15641	0.01127	0.04121	0.00529	0.19111	0.01516
2	32	9	3209	4708	0.39862	0.03331	0.15482	0.02125	0.31445	0.02861	0.08967	0.01387	0.16153	0.01313	0.04451	0.00649	0.16666	0.01422
2	32	10	3210	6087	0.43336	0.02470	0.17703	0.01736	0.32249	0.01942	0.09339	0.00974	0.14266	0.01113	0.03545	0.00458	0.16478	0.01334
2	32	11	3211	4955	0.44321	0.02689	0.18182	0.01864	0.32907	0.02168	0.09647	0.01079	0.15260	0.01279	0.03978	0.00538	0.16072	0.01441
2	32	12	3212	5217	0.45923	0.02651	0.19461	0.01962	0.34429	0.01927	0.10538	0.01059	0.15510	0.01168	0.04049	0.00538	0.19045	0.01794
2	32	13	3213	6517	0.42919	0.02795	0.17859	0.01949	0.33497	0.01730	0.09940	0.00947	0.12662	0.00961	0.03019	0.00398	0.22120	0.01869
2	32	14	3214	6700	0.44048	0.02701	0.18230	0.01929	0.35165	0.01757	0.10763	0.01036	0.14175	0.00978	0.03555	0.00476	0.19768	0.01977
2	32	15	3215	6364	0.39687	0.02588	0.15533	0.01745	0.30112	0.01463	0.08359	0.00756	0.09987	0.00853	0.02150	0.00310	0.12108	0.01098
2	32	16	3216	3511	0.35171	0.02862	0.12699	0.01622	0.36135	0.02359	0.11372	0.01336	0.15982	0.01496	0.04156	0.00637	0.14413	0.02379
2	33	1	3301	5334	0.41950	0.02126	0.16736	0.01518	0.29710	0.01624	0.08137	0.00778	0.10504	0.00996	0.02358	0.00349	0.10972	0.01015
2	33	2	3302	4887	0.43430	0.02590	0.18078	0.01824	0.35194	0.01849	0.10924	0.01117	0.16715	0.01434	0.04843	0.00833	0.22445	0.01848
2	33	3	3303	7101	0.41891	0.02451	0.16551	0.01593	0.32976	0.01928	0.09800	0.01022	0.17396	0.01416	0.05119	0.00828	0.17347	0.01418
2	33	4	3304	4350	0.43783	0.02458	0.17940	0.01685	0.32192	0.01859	0.09252	0.00970	0.12286	0.01072	0.02904	0.00407	0.12405	0.01043
2	33	5	3305	4985	0.38634	0.02790	0.14643	0.01738	0.34873	0.01800	0.10629	0.00975	0.15092	0.01087	0.03855	0.00496	0.18552	0.01741
2	33	6	3306	4863	0.39869	0.03124	0.15396	0.01880	0.32875	0.02592	0.09913	0.01336	0.17826	0.01488	0.05634	0.01025	0.17591	0.01643
2	33	7	3307	3545	0.42221	0.03080	0.17058	0.02071	0.32370	0.02480	0.09421	0.01199	0.17337	0.01441	0.04995	0.00848	0.21814	0.02368
2	33	8	3308	5149	0.41093	0.02421	0.16225	0.01614	0.29973	0.01734	0.08250	0.00866	0.12034	0.00938	0.02796	0.00393	0.13008	0.01139
2	33	9	3309	2227	0.40085	0.02882	0.15576	0.01899	0.31370	0.02058	0.08968	0.01063	0.14738	0.01276	0.03576	0.00557	0.19542	0.01898
2	33	10	3310	2957	0.37940	0.03588	0.14745	0.02107	0.33480	0.02865	0.10271	0.01558	0.18589	0.01651	0.06005	0.01168	0.20800	0.01817
2	33	11	3311	3532	0.38751	0.03049	0.14892	0.01871	0.35018	0.02569	0.10868	0.01335	0.18468	0.01522	0.05875	0.01131	0.19306	0.01796
2	33	12	3312	9934	0.35765	0.02896	0.13214	0.01697	0.30505	0.01690	0.08877	0.00837	0.15586	0.01183	0.04408	0.00605	0.15023	0.01286
2	33	13	3313	5488	0.34708	0.02539	0.12498	0.01449	0.34898	0.02306	0.10799	0.01303	0.17806	0.01372	0.05143	0.00678	0.18603	0.01889
2	33	14	3314	4583	0.36869	0.03108	0.13551	0.01811	0.32607	0.02448	0.09615	0.01268	0.16305	0.01389	0.04228	0.00634	0.18677	0.01950
2	33	15	3315	5317	0.35824	0.02642	0.13007	0.01544	0.36891	0.02475	0.11902	0.01460	0.18333	0.01480	0.05470	0.00808	0.20341	0.01857
2	33	16	3316	4234	0.32573	0.03218	0.11196	0.01736	0.34269	0.02515	0.10286	0.01261	0.16804	0.01621	0.04596	0.00768	0.12747	0.02405
2	34	1	3401	11542	0.28833	0.03380	0.09425	0.01747	0.28221	0.03065	0.07696	0.01386	0.14652	0.02176	0.03757	0.00888	0.14167	0.02275
2	34	2	3402	4385	0.35974	0.03579	0.13269	0.02032	0.36922	0.02392	0.11780	0.01301	0.17754	0.01496	0.05016	0.00736	0.20558	0.02554
2	34	3	3403	3785	0.40999	0.03060	0.16303	0.02040	0.35120	0.02189	0.10626	0.01245	0.15150	0.01221	0.03885	0.00533	0.15710	0.01979
2	34	4	3404	3664	0.40308	0.02934	0.15735	0.01905	0.38347	0.02064	0.12518	0.01297	0.16936	0.01352	0.04575	0.00587	0.21593	0.02222
2	34	5	3405	3750	0.41422	0.03157	0.16280	0.02073	0.36971	0.02343	0.11739	0.01337	0.15272	0.01201	0.03903	0.00543	0.19841	0.02313

Geographic/administrative information					Measures of undernutrition												Diarrhea	
					Stunting		Severe stunting		Underweight		Severe underweight		Wasting		Severe wasting			
Region	dcode	Ilaka	ilakaid	Number of children under five	S2	seS2	S3	seS3	U2	seU2	U3	seU3	W2	seW2	W3	seW3	D	seD
2	34	6	3406	4938	0.42028	0.02890	0.16990	0.01923	0.34364	0.02389	0.10415	0.01256	0.15448	0.01157	0.03879	0.00508	0.20499	0.02636
2	34	7	3407	5151	0.44881	0.02971	0.18606	0.02195	0.36299	0.02322	0.11264	0.01334	0.14280	0.01062	0.03752	0.00540	0.16609	0.02023
2	34	8	3408	4001	0.37863	0.02636	0.14239	0.01582	0.35109	0.02306	0.10814	0.01223	0.14900	0.01050	0.03845	0.00559	0.22784	0.02191
2	34	9	3409	5299	0.37296	0.02434	0.13843	0.01488	0.35110	0.02202	0.10732	0.01185	0.16787	0.01245	0.04524	0.00606	0.20657	0.02168
2	34	10	3410	3533	0.42567	0.02684	0.17083	0.01788	0.33760	0.01808	0.10045	0.00953	0.14449	0.01143	0.03528	0.00495	0.18929	0.02107
2	34	11	3411	4530	0.44825	0.02863	0.18619	0.02031	0.35910	0.02082	0.10987	0.01147	0.15619	0.01247	0.04279	0.00674	0.17428	0.02082
2	34	12	3412	4048	0.38201	0.02588	0.14334	0.01584	0.34930	0.02671	0.10690	0.01407	0.15748	0.01244	0.04042	0.00566	0.20984	0.01976
2	34	13	3413	2620	0.35884	0.02856	0.12985	0.01572	0.32614	0.02797	0.09681	0.01405	0.15971	0.01422	0.04215	0.00627	0.20717	0.01944
2	34	14	3414	3616	0.40271	0.02603	0.15597	0.01760	0.31852	0.02093	0.09136	0.01030	0.16073	0.01378	0.04316	0.00659	0.16724	0.01715
2	34	15	3415	2975	0.42312	0.02672	0.17034	0.01778	0.34084	0.02005	0.10412	0.01187	0.15104	0.01474	0.05321	0.01358	0.15844	0.01878
2	35	1	3501	2159	0.48359	0.03397	0.20968	0.02485	0.22143	0.02141	0.06069	0.00917	0.04593	0.00929	0.00823	0.00292	0.16376	0.02363
2	35	2	3502	4873	0.33463	0.02534	0.11794	0.01424	0.13078	0.01445	0.02457	0.00396	0.06074	0.00721	0.01249	0.00288	0.10500	0.01099
2	35	3	3503	2571	0.30552	0.02639	0.10266	0.01454	0.19224	0.01624	0.04159	0.00609	0.09120	0.01157	0.02211	0.00612	0.12484	0.01604
2	35	4	3504	2733	0.32445	0.02738	0.11377	0.01583	0.19812	0.01616	0.04482	0.00644	0.07563	0.01069	0.01832	0.00560	0.11040	0.01486
2	35	5	3505	2748	0.40301	0.02713	0.15906	0.01859	0.20927	0.01730	0.04616	0.00619	0.03592	0.00633	0.00512	0.00157	0.11171	0.01293
2	35	6	3506	2407	0.39114	0.03149	0.15043	0.01918	0.15981	0.01686	0.03123	0.00507	0.03346	0.00653	0.00493	0.00174	0.13399	0.01330
2	35	7	3507	9782	0.26971	0.02765	0.08532	0.01351	0.10898	0.02780	0.01808	0.00709	0.06292	0.01590	0.01253	0.00460	0.12043	0.01819
2	35	8	3508	736	0.27716	0.03670	0.08735	0.01733	0.09804	0.03077	0.01525	0.00753	0.05130	0.01530	0.00822	0.00394	0.10324	0.02050
2	35	9	3509	2184	0.27750	0.03389	0.08832	0.01723	0.11072	0.02987	0.01812	0.00708	0.06126	0.01317	0.01239	0.00409	0.10887	0.02180
2	35	10	3510	2701	0.27679	0.03010	0.08775	0.01470	0.13821	0.02329	0.02465	0.00603	0.06251	0.01014	0.01232	0.00334	0.07958	0.01381
2	35	11	3511	2095	0.29991	0.02499	0.09981	0.01323	0.14741	0.02505	0.02819	0.00724	0.07082	0.01304	0.01529	0.00481	0.11964	0.02057
2	35	12	3512	1445	0.29468	0.03216	0.09678	0.01820	0.15000	0.02839	0.02778	0.00787	0.04738	0.00886	0.00814	0.00266	0.09892	0.01972
2	35	13	3513	3266	0.40944	0.02677	0.16225	0.01789	0.18629	0.01575	0.04091	0.00511	0.07546	0.00901	0.01732	0.00478	0.12102	0.02364
2	35	14	3514	2994	0.34044	0.02739	0.12233	0.01626	0.16541	0.02216	0.03282	0.00683	0.07636	0.01181	0.01678	0.00422	0.08288	0.01403
3	36	1	3601	552	0.38387	0.03802	0.14621	0.02442	0.24516	0.02284	0.05766	0.01041	0.07591	0.01402	0.01382	0.00563	0.07584	0.01701
3	36	2	3602	1760	0.41746	0.03316	0.16459	0.02151	0.24226	0.01559	0.05560	0.00757	0.07711	0.01184	0.01385	0.00366	0.08917	0.01339
3	36	3	3603	1655	0.38468	0.02840	0.14680	0.01669	0.21058	0.01899	0.04570	0.00809	0.08091	0.00978	0.01512	0.00347	0.08340	0.01265
3	36	4	3604	1577	0.40929	0.02813	0.16004	0.01824	0.23157	0.01944	0.05269	0.00775	0.07055	0.01129	0.01209	0.00353	0.10963	0.01322
3	36	5	3605	2263	0.39429	0.03028	0.15089	0.01907	0.21361	0.01423	0.04513	0.00556	0.07398	0.01003	0.01275	0.00304	0.08316	0.01228
3	36	6	3606	2133	0.39604	0.03045	0.15261	0.01936	0.23742	0.01496	0.05601	0.00608	0.07506	0.00923	0.01347	0.00326	0.09324	0.01338
3	36	7	3607	1140	0.40001	0.03000	0.15398	0.02041	0.22015	0.02052	0.04674	0.00740	0.06906	0.00898	0.01188	0.00333	0.10378	0.01597
3	36	8	3608	1407	0.43800	0.02778	0.17781	0.01943	0.21666	0.01751	0.04871	0.00790	0.05582	0.00754	0.00886	0.00300	0.13042	0.01443
3	36	9	3609	2018	0.47541	0.02941	0.20651	0.02302	0.26517	0.02053	0.06429	0.00855	0.07517	0.00910	0.01395	0.00314	0.10772	0.01499
3	36	10	3610	1393	0.42279	0.03325	0.16835	0.02256	0.24721	0.01886	0.05757	0.00825	0.08057	0.01152	0.01456	0.00413	0.09968	0.01271
3	36	11	3611	2158	0.44843	0.02928	0.18660	0.02001	0.24408	0.02149	0.05899	0.00946	0.09017	0.00995	0.01972	0.00411	0.11713	0.01433
3	36	12	3612	1505	0.48747	0.02657	0.21260	0.02085	0.28987	0.02980	0.07569	0.01416	0.09516	0.01882	0.01980	0.00677	0.11475	0.02015
3	36	13	3613	844	0.50793	0.03503	0.23037	0.02869	0.39454	0.03769	0.13281	0.02244	0.11629	0.03340	0.03612	0.01716	0.08218	0.01998
3	36	14	3614	2790	0.37230	0.02672	0.13870	0.01646	0.20868	0.02072	0.04493	0.00780	0.12323	0.01616	0.02836	0.00613	0.07567	0.01377
3	37	1	3701	2573	0.36751	0.02782	0.13622	0.01774	0.17488	0.01681	0.03507	0.00529	0.08812	0.01190	0.01749	0.00395	0.15883	0.01806

Geographic/administrative information					Measures of undernutrition												Diarrhea	
					Stunting		Severe stunting		Underweight		Severe underweight		Wasting		Severe wasting			
Region	dcode	Ilaka	ilakaid	Number of children under five	S2	seS2	S3	seS3	U2	seU2	U3	seU3	W2	seW2	W3	seW3	D	seD
3	37	2	3702	691	0.38196	0.03359	0.14392	0.02147	0.18797	0.01992	0.03933	0.00815	0.07107	0.01061	0.01353	0.00492	0.09835	0.01257
3	37	3	3703	1829	0.39611	0.03584	0.15418	0.02343	0.19488	0.01606	0.04034	0.00654	0.08805	0.01314	0.01905	0.00508	0.15324	0.02119
3	37	4	3704	859	0.36467	0.02739	0.13557	0.01754	0.22882	0.01818	0.05175	0.00857	0.07326	0.01127	0.01300	0.00444	0.13065	0.01669
3	37	5	3705	844	0.39914	0.03419	0.15640	0.02051	0.21155	0.02029	0.04568	0.00806	0.06988	0.01181	0.01263	0.00451	0.14188	0.01693
3	37	6	3706	919	0.40213	0.03206	0.15652	0.01987	0.21213	0.01808	0.04571	0.00699	0.07695	0.01078	0.01357	0.00380	0.10428	0.01685
3	37	7	3707	1670	0.37775	0.02883	0.14012	0.01866	0.19822	0.01834	0.03980	0.00700	0.04759	0.00750	0.00745	0.00214	0.09340	0.01130
3	37	8	3708	1344	0.39325	0.03289	0.15040	0.02168	0.22615	0.01588	0.05231	0.00749	0.06602	0.00984	0.01109	0.00305	0.11113	0.01567
3	37	9	3709	906	0.41270	0.03309	0.16339	0.02193	0.24282	0.01971	0.05647	0.00958	0.07594	0.01020	0.01316	0.00416	0.09891	0.01537
3	37	10	3710	1052	0.41069	0.02834	0.15993	0.01859	0.23236	0.01977	0.05332	0.00822	0.06431	0.00839	0.01070	0.00308	0.11093	0.01904
3	37	11	3711	1403	0.43043	0.03579	0.17601	0.02360	0.22812	0.01766	0.05090	0.00696	0.06978	0.01128	0.01202	0.00357	0.11188	0.02359
3	38	1	3801	702	0.37683	0.03162	0.13985	0.02037	0.23696	0.01893	0.05574	0.00910	0.07073	0.01122	0.01303	0.00417	0.10279	0.01419
3	38	2	3802	1078	0.39533	0.03046	0.15219	0.01966	0.22689	0.01989	0.04993	0.00828	0.07489	0.00909	0.01367	0.00374	0.08638	0.01337
3	38	3	3803	1475	0.40085	0.03398	0.15600	0.02248	0.24232	0.01837	0.05720	0.00795	0.08183	0.01246	0.01610	0.00378	0.09555	0.01668
3	38	4	3804	3132	0.39585	0.02738	0.15292	0.01803	0.17847	0.01433	0.03520	0.00535	0.06935	0.00937	0.01202	0.00264	0.09129	0.01213
3	38	5	3805	2140	0.38200	0.02990	0.14480	0.01848	0.17087	0.01833	0.03416	0.00631	0.07306	0.01064	0.01309	0.00322	0.11780	0.01558
3	38	6	3806	1670	0.42077	0.02945	0.16770	0.02052	0.18545	0.01691	0.03715	0.00602	0.06859	0.01073	0.01244	0.00348	0.11777	0.01574
3	38	7	3807	1721	0.43901	0.03428	0.18042	0.02241	0.25920	0.01594	0.06284	0.00743	0.08648	0.01057	0.01650	0.00351	0.11278	0.01461
3	38	8	3808	1628	0.43938	0.03258	0.17922	0.02245	0.20135	0.01530	0.04191	0.00569	0.07058	0.00911	0.01256	0.00338	0.10641	0.01225
3	38	9	3809	1833	0.41724	0.03009	0.16509	0.01921	0.22947	0.01844	0.05139	0.00748	0.08917	0.01073	0.01758	0.00366	0.10229	0.01566
3	38	10	3810	1958	0.38718	0.03028	0.14519	0.01858	0.20494	0.01482	0.04374	0.00548	0.08220	0.00991	0.01572	0.00346	0.11919	0.01403
3	38	11	3811	2894	0.34464	0.02924	0.12262	0.01743	0.18409	0.01499	0.03782	0.00525	0.08837	0.01260	0.01849	0.00467	0.11960	0.01549
3	38	12	3812	2282	0.37257	0.03085	0.13663	0.01739	0.19540	0.01488	0.03976	0.00576	0.07212	0.01087	0.01312	0.00330	0.11528	0.01425
3	38	13	3813	1615	0.40627	0.03677	0.15864	0.02425	0.20494	0.01565	0.04290	0.00624	0.07275	0.01127	0.01341	0.00347	0.09547	0.01262
3	38	14	3814	3533	0.36223	0.03087	0.13287	0.01685	0.18420	0.01913	0.03784	0.00629	0.10717	0.01562	0.02401	0.00578	0.11199	0.01836
3	39	1	3901	780	0.35064	0.03964	0.12684	0.02265	0.22833	0.02053	0.05148	0.00925	0.06636	0.01258	0.01116	0.00401	0.09578	0.01607
3	39	2	3902	478	0.36553	0.03429	0.13234	0.02400	0.25240	0.02501	0.05864	0.01222	0.06922	0.01342	0.01156	0.00552	0.09593	0.02158
3	39	3	3903	1357	0.36335	0.03145	0.13155	0.01972	0.22997	0.01926	0.05209	0.00788	0.06986	0.00961	0.01221	0.00352	0.10482	0.01592
3	39	4	3904	1705	0.37925	0.03189	0.14046	0.01786	0.22220	0.01753	0.04830	0.00759	0.06719	0.00872	0.01234	0.00297	0.12849	0.01491
3	39	5	3905	935	0.36399	0.03166	0.13379	0.02002	0.21180	0.02128	0.04488	0.00765	0.06318	0.01105	0.01035	0.00412	0.12134	0.01724
3	39	6	3906	1206	0.40096	0.03040	0.15525	0.01972	0.23389	0.02039	0.05235	0.00810	0.05828	0.00831	0.00954	0.00311	0.11575	0.01511
3	39	7	3907	830	0.35276	0.03501	0.12587	0.01916	0.22878	0.02528	0.05066	0.01069	0.07335	0.01192	0.01306	0.00481	0.11907	0.01713
3	39	8	3908	1151	0.32872	0.03082	0.11577	0.01687	0.20933	0.02153	0.04466	0.00752	0.06621	0.01147	0.01126	0.00377	0.10569	0.01471
3	39	9	3909	1151	0.38178	0.03452	0.14388	0.02159	0.20867	0.01848	0.04400	0.00764	0.05635	0.00831	0.00916	0.00295	0.10953	0.01537
3	39	10	3910	958	0.37371	0.03337	0.13870	0.02124	0.21257	0.02225	0.04652	0.00897	0.06602	0.00918	0.01108	0.00330	0.11873	0.01851
3	39	11	3911	1024	0.37636	0.03374	0.13928	0.01958	0.19597	0.01930	0.03991	0.00774	0.05733	0.01081	0.00918	0.00348	0.09965	0.01490
3	39	12	3912	1783	0.39425	0.03308	0.14995	0.02019	0.20554	0.01741	0.04266	0.00667	0.06134	0.00817	0.00994	0.00280	0.10526	0.01496
3	39	13	3913	2301	0.36307	0.02917	0.13296	0.01669	0.21105	0.01650	0.04419	0.00621	0.06313	0.00763	0.01046	0.00251	0.12048	0.01416
3	39	14	3914	2157	0.38871	0.03088	0.14750	0.01851	0.23396	0.01874	0.05387	0.00774	0.08074	0.01101	0.01452	0.00357	0.10614	0.01506
3	39	15	3915	2140	0.35894	0.03089	0.12986	0.01789	0.20421	0.01807	0.04289	0.00732	0.06917	0.00831	0.01250	0.00302	0.11058	0.01484

Geographic/administrative information					Measures of undernutrition												Diarrhea	
					Stunting		Severe stunting		Underweight		Severe underweight		Wasting		Severe wasting			
Region	dcode	Ilaka	ilakaid	Number of children under five	S2	seS2	S3	seS3	U2	seU2	U3	seU3	W2	seW2	W3	seW3	D	seD
3	39	16	3916	2380	0.34489	0.02455	0.12190	0.01390	0.20369	0.01761	0.04382	0.00667	0.08600	0.01133	0.01612	0.00372	0.08686	0.01561
3	39	17	3917	1783	0.35704	0.02957	0.13062	0.01715	0.20513	0.01879	0.04396	0.00701	0.09059	0.01247	0.01908	0.00517	0.10423	0.01846
3	40	1	4001	883	0.36222	0.03559	0.13128	0.02113	0.20285	0.01880	0.04041	0.00765	0.06995	0.01350	0.01214	0.00437	0.11902	0.01544
3	40	2	4002	736	0.34880	0.04507	0.12669	0.02648	0.20593	0.02432	0.04372	0.00877	0.08182	0.01613	0.01484	0.00602	0.11631	0.02597
3	40	3	4003	801	0.38650	0.03432	0.14723	0.02010	0.20750	0.01817	0.04446	0.00850	0.06456	0.01171	0.01085	0.00424	0.10871	0.01573
3	40	4	4004	467	0.32519	0.03859	0.11180	0.02102	0.22444	0.02439	0.04903	0.01041	0.08128	0.01709	0.01505	0.00576	0.10029	0.01911
3	40	5	4005	818	0.38453	0.03407	0.14617	0.02045	0.17445	0.02110	0.03382	0.00840	0.04985	0.00918	0.00802	0.00284	0.08377	0.01585
3	40	6	4006	1260	0.32210	0.03371	0.11217	0.01877	0.21864	0.01955	0.04734	0.00764	0.07588	0.01470	0.01314	0.00432	0.09845	0.01481
3	40	7	4007	352	0.33642	0.04364	0.11741	0.02702	0.23792	0.03088	0.05569	0.01456	0.11845	0.02665	0.02719	0.01114	0.12053	0.02454
3	40	8	4008	993	0.31963	0.02933	0.11183	0.01930	0.19328	0.02423	0.04294	0.00863	0.08256	0.01371	0.01715	0.00475	0.11789	0.01585
3	40	9	4009	1529	0.32257	0.03032	0.11112	0.01582	0.18769	0.01817	0.03782	0.00652	0.07184	0.01208	0.01315	0.00396	0.07891	0.01400
3	40	10	4010	1331	0.39732	0.02795	0.15243	0.01711	0.15520	0.01741	0.02742	0.00547	0.03844	0.00696	0.00556	0.00200	0.09304	0.01254
3	40	11	4011	1137	0.36956	0.02754	0.13581	0.01664	0.19752	0.01797	0.04167	0.00712	0.05900	0.01003	0.00967	0.00362	0.07679	0.01558
3	40	12	4012	1960	0.33826	0.02254	0.11934	0.01385	0.18811	0.01571	0.03806	0.00562	0.06910	0.01093	0.01299	0.00356	0.10617	0.01305
3	40	13	4013	1182	0.33941	0.03158	0.11935	0.01829	0.16857	0.01772	0.03160	0.00646	0.05343	0.00981	0.00846	0.00289	0.08079	0.01404
3	40	14	4014	4467	0.32018	0.02985	0.10819	0.01613	0.18082	0.01978	0.03611	0.00651	0.09922	0.01541	0.02072	0.00538	0.09615	0.01781
3	40	15	4015	19098	0.28787	0.03332	0.09375	0.01687	0.10438	0.02384	0.01652	0.00560	0.08904	0.01581	0.01894	0.00502	0.12297	0.02057
3	41	1	4101	89	0.32983	0.06631	0.11756	0.03893	0.15462	0.04311	0.02884	0.01706	0.05297	0.02837	0.00960	0.00974	0.08414	0.02441
3	41	2	4102	33	0.43604	0.10527	0.18923	0.07527	0.22242	0.07180	0.04564	0.03470	0.06521	0.04455	0.01193	0.01958	0.09860	0.03373
3	41	3	4103	21	0.52290	0.10763	0.24039	0.08719	0.24879	0.08086	0.05938	0.04915	0.09151	0.05806	0.01835	0.02801	0.08909	0.03159
3	41	4	4104	24	0.42764	0.09647	0.17286	0.08135	0.17661	0.07308	0.04082	0.03661	0.06328	0.04667	0.01291	0.02142	0.05057	0.02446
3	41	5	4105	9	0.42174	0.16058	0.16788	0.12630	0.13202	0.10144	0.02699	0.04869	0.02399	0.04475	0.00372	0.01833	0.02946	0.01680
3	41	6	4106	23	0.52874	0.09924	0.24151	0.08422	0.16121	0.07529	0.03239	0.03419	0.02816	0.02967	0.00182	0.00798	0.05443	0.02350
3	41	7	4107	26	0.47354	0.10425	0.20558	0.07292	0.37176	0.08104	0.11616	0.06273	0.06090	0.04486	0.00966	0.01860	0.06317	0.02724
3	41	8	4108	73	0.38078	0.05697	0.14871	0.03875	0.22337	0.04722	0.05734	0.02396	0.07000	0.03480	0.01239	0.01114	0.10994	0.02459
3	41	9	4109	78	0.33555	0.06513	0.11712	0.03964	0.23639	0.04671	0.06249	0.02631	0.05850	0.02922	0.00966	0.01029	0.12316	0.02832
3	42	1	4201	93	0.49290	0.07402	0.22313	0.05378	0.09034	0.03837	0.01454	0.01373	0.04527	0.02088	0.00513	0.00668	0.09625	0.02949
3	42	2	4202	108	0.41579	0.06857	0.16651	0.04372	0.16347	0.04631	0.03201	0.01681	0.05791	0.02479	0.00900	0.00830	0.11765	0.03385
3	42	3	4203	104	0.50187	0.06903	0.23212	0.05122	0.18807	0.03988	0.04376	0.02125	0.03986	0.01646	0.00628	0.00781	0.08787	0.03188
3	42	4	4204	84	0.38565	0.06943	0.15097	0.04840	0.32283	0.06224	0.08907	0.03697	0.02956	0.01804	0.00369	0.00595	0.08742	0.04860
3	42	5	4205	88	0.38390	0.07931	0.14996	0.04897	0.25558	0.05780	0.06119	0.02713	0.03697	0.01843	0.00647	0.00752	0.09713	0.05750
3	42	6	4206	71	0.37807	0.05737	0.14995	0.05006	0.30907	0.05628	0.08861	0.03525	0.06903	0.03162	0.01262	0.01301	0.09601	0.05961
3	42	7	4207	54	0.42436	0.07059	0.18875	0.05257	0.13374	0.04680	0.02504	0.02011	0.03425	0.02154	0.00574	0.00900	0.06133	0.02773
3	42	8	4208	131	0.42568	0.05556	0.17181	0.03928	0.19684	0.04664	0.04395	0.02231	0.05994	0.01825	0.01266	0.00881	0.07826	0.02153
3	42	9	4209	118	0.44345	0.04645	0.18444	0.03669	0.14176	0.03744	0.02360	0.01394	0.04617	0.01985	0.00667	0.00705	0.08722	0.02052
3	43	1	4301	1774	0.41088	0.03677	0.16226	0.02305	0.16464	0.01755	0.03351	0.00572	0.06647	0.01175	0.01165	0.00387	0.16041	0.02290
3	43	2	4302	958	0.40848	0.03346	0.15926	0.02277	0.19465	0.01915	0.03847	0.00754	0.04972	0.00956	0.00733	0.00292	0.08084	0.01243
3	43	3	4303	1006	0.43508	0.03137	0.17740	0.02214	0.20605	0.01734	0.04424	0.00671	0.04761	0.00890	0.00726	0.00285	0.08460	0.01234
3	43	4	4304	708	0.43868	0.03304	0.17872	0.02145	0.24677	0.02036	0.05949	0.00941	0.04331	0.00986	0.00667	0.00330	0.08490	0.01382

Geographic/administrative information					Measures of undernutrition												Diarrhea	
					Stunting		Severe stunting		Underweight		Severe underweight		Wasting		Severe wasting			
Region	dcode	Ilaka	ilakaid	Number of children under five	S2	seS2	S3	seS3	U2	seU2	U3	seU3	W2	seW2	W3	seW3	D	seD
3	43	5	4305	553	0.39891	0.03058	0.15568	0.01912	0.20787	0.02275	0.04606	0.01062	0.04907	0.00903	0.00786	0.00375	0.08390	0.01896
3	43	6	4306	498	0.40651	0.02801	0.15784	0.02125	0.19172	0.02430	0.03914	0.00899	0.02891	0.00789	0.00388	0.00294	0.07155	0.01457
3	43	7	4307	1667	0.44886	0.03087	0.18636	0.02168	0.18365	0.01584	0.03595	0.00535	0.03607	0.00679	0.00495	0.00172	0.09888	0.01246
3	43	8	4308	1712	0.48097	0.02785	0.21028	0.02270	0.22039	0.01922	0.04987	0.00771	0.04278	0.00763	0.00619	0.00217	0.10988	0.01197
3	43	9	4309	700	0.45922	0.03116	0.19202	0.02278	0.22617	0.02194	0.05062	0.00932	0.04431	0.00917	0.00656	0.00335	0.10283	0.01561
3	43	10	4310	1256	0.46751	0.03449	0.19758	0.02452	0.22158	0.01802	0.04941	0.00802	0.04455	0.00845	0.00657	0.00287	0.10777	0.01417
3	43	11	4311	991	0.50651	0.03455	0.22784	0.02742	0.28078	0.02598	0.07113	0.01136	0.03416	0.01104	0.00476	0.00292	0.12376	0.01552
3	44	1	4401	1636	0.41119	0.02386	0.16160	0.01593	0.20880	0.01571	0.04636	0.00665	0.06370	0.00993	0.01052	0.00291	0.11522	0.01244
3	44	2	4402	1419	0.41399	0.03048	0.16397	0.01947	0.22200	0.01854	0.04816	0.00733	0.05584	0.00729	0.00938	0.00254	0.09025	0.01283
3	44	3	4403	1284	0.39442	0.03008	0.15355	0.01906	0.18720	0.01744	0.03784	0.00635	0.05975	0.00907	0.01023	0.00326	0.09595	0.01184
3	44	4	4404	2249	0.36538	0.02551	0.13556	0.01651	0.18458	0.01571	0.03794	0.00549	0.08450	0.01084	0.01720	0.00417	0.13649	0.01406
3	44	5	4405	1059	0.38998	0.02824	0.14856	0.02009	0.21317	0.02051	0.04531	0.00802	0.06578	0.00933	0.01144	0.00377	0.10915	0.01663
3	44	6	4406	1062	0.36868	0.03582	0.13657	0.02104	0.23883	0.02062	0.05516	0.00845	0.07942	0.01352	0.01413	0.00466	0.12864	0.01857
3	44	7	4407	818	0.38106	0.03488	0.14486	0.02352	0.21424	0.02018	0.04621	0.00786	0.07848	0.01341	0.01360	0.00456	0.13583	0.01634
3	44	8	4408	697	0.38361	0.03451	0.14370	0.02318	0.23791	0.02293	0.05394	0.01072	0.07066	0.01138	0.01173	0.00402	0.13584	0.01783
3	44	9	4409	888	0.39074	0.03269	0.14838	0.02175	0.19572	0.02268	0.03987	0.00794	0.05824	0.01019	0.00895	0.00336	0.13887	0.01916
3	44	10	4410	1209	0.37567	0.03133	0.14165	0.01898	0.24240	0.02131	0.05615	0.00950	0.08199	0.01045	0.01526	0.00417	0.15935	0.02079
3	44	11	4411	1211	0.37882	0.03251	0.14089	0.02070	0.23631	0.02210	0.05301	0.00907	0.07205	0.00876	0.01354	0.00363	0.16096	0.01762
3	45	1	4501	1072	0.38779	0.03365	0.14764	0.02085	0.21937	0.02438	0.04706	0.00887	0.05440	0.00909	0.00827	0.00266	0.08553	0.01548
3	45	2	4502	1162	0.42968	0.02965	0.17337	0.01979	0.19985	0.02065	0.04068	0.00737	0.04689	0.00851	0.00645	0.00254	0.08467	0.01174
3	45	3	4503	2355	0.43885	0.03105	0.18056	0.01922	0.18696	0.01774	0.03655	0.00580	0.04812	0.00768	0.00693	0.00206	0.09280	0.01229
3	45	4	4504	1774	0.44828	0.03048	0.18474	0.02154	0.17735	0.01682	0.03437	0.00589	0.03304	0.00577	0.00451	0.00175	0.10098	0.01274
3	45	5	4505	1603	0.40017	0.02964	0.15602	0.01833	0.21724	0.02105	0.04673	0.00748	0.06572	0.01006	0.01101	0.00325	0.10265	0.01389
3	45	6	4506	1500	0.44234	0.02963	0.18274	0.02076	0.21716	0.01792	0.04683	0.00841	0.05508	0.00898	0.00832	0.00246	0.11461	0.01472
3	45	7	4507	2020	0.44249	0.02989	0.18191	0.02157	0.20170	0.01797	0.04144	0.00613	0.04592	0.00652	0.00703	0.00221	0.11330	0.01189
3	45	8	4508	1644	0.43176	0.03278	0.17630	0.02343	0.17814	0.01717	0.03390	0.00630	0.04832	0.00713	0.00698	0.00222	0.08748	0.01336
3	45	9	4509	1181	0.44217	0.02879	0.18120	0.02035	0.22803	0.01810	0.05077	0.00698	0.04765	0.00821	0.00706	0.00226	0.10086	0.01238
3	45	10	4510	3220	0.49648	0.02789	0.22227	0.02228	0.29274	0.01816	0.08175	0.00920	0.06027	0.01127	0.01048	0.00312	0.13042	0.01511
3	45	11	4511	3158	0.47751	0.02804	0.20710	0.02114	0.23883	0.01526	0.05592	0.00651	0.05724	0.00588	0.00928	0.00191	0.12576	0.01416
3	45	12	4512	1743	0.48797	0.03561	0.21517	0.02600	0.29685	0.02343	0.07839	0.01047	0.04873	0.00923	0.00724	0.00281	0.12560	0.01521
3	45	13	4513	2546	0.51368	0.03197	0.23136	0.02579	0.29977	0.02088	0.08119	0.01020	0.06639	0.01211	0.01196	0.00348	0.11898	0.01366
3	45	14	4514	2510	0.36127	0.02587	0.13165	0.01605	0.16978	0.02045	0.03246	0.00610	0.08819	0.01143	0.01761	0.00401	0.11546	0.01877
3	46	1	4601	1459	0.42267	0.02871	0.16851	0.01957	0.23418	0.01907	0.05388	0.00852	0.06748	0.00834	0.01134	0.00285	0.13088	0.01616
3	46	2	4602	2139	0.39803	0.02862	0.15319	0.01752	0.20602	0.01790	0.04311	0.00627	0.05928	0.00705	0.00979	0.00266	0.11682	0.01142
3	46	3	4603	1550	0.42339	0.02746	0.16981	0.01801	0.22048	0.01749	0.04770	0.00714	0.05079	0.00671	0.00805	0.00223	0.11944	0.01425
3	46	4	4604	1765	0.42350	0.02922	0.16944	0.01865	0.19777	0.01802	0.03989	0.00715	0.06096	0.00841	0.00981	0.00300	0.11539	0.01110
3	46	5	4605	1598	0.39905	0.03427	0.15504	0.02308	0.21738	0.01777	0.04742	0.00713	0.06282	0.00844	0.01046	0.00293	0.11519	0.01258
3	46	6	4606	2197	0.39715	0.03358	0.15297	0.01996	0.22476	0.01768	0.04937	0.00623	0.06997	0.00938	0.01221	0.00278	0.10570	0.01263
3	46	7	4607	1657	0.38582	0.03226	0.14755	0.02008	0.20268	0.01726	0.04165	0.00714	0.05620	0.00785	0.00870	0.00241	0.09385	0.01537

Geographic/administrative information					Measures of undernutrition												Diarrhea	
					Stunting		Severe stunting		Underweight		Severe underweight		Wasting		Severe wasting			
Region	dcode	Ilaka	ilakaid	Number of children under five	S2	seS2	S3	seS3	U2	seU2	U3	seU3	W2	seW2	W3	seW3	D	seD
3	46	8	4608	3077	0.40173	0.02358	0.15674	0.01534	0.21324	0.01922	0.04583	0.00709	0.08564	0.01047	0.01738	0.00397	0.15623	0.01505
3	46	9	4609	2245	0.42185	0.03039	0.16884	0.02117	0.21055	0.01682	0.04464	0.00628	0.06154	0.00787	0.01003	0.00242	0.12259	0.01367
3	46	10	4610	2081	0.48748	0.02686	0.21346	0.02065	0.24053	0.01879	0.05439	0.00770	0.05980	0.00613	0.00985	0.00269	0.12604	0.01525
3	46	11	4611	3155	0.45227	0.02562	0.18932	0.01849	0.23188	0.01536	0.05218	0.00665	0.05930	0.00713	0.00922	0.00218	0.12211	0.01368
3	46	12	4612	2688	0.51160	0.02789	0.23168	0.02325	0.25147	0.01748	0.05910	0.00747	0.05901	0.00744	0.00994	0.00238	0.12476	0.01404
3	46	13	4613	2485	0.48639	0.03172	0.21251	0.02358	0.22465	0.01610	0.04900	0.00614	0.05840	0.00681	0.00919	0.00208	0.12208	0.01333
3	47	1	4701	1987	0.40623	0.03083	0.15826	0.02049	0.23700	0.02082	0.05338	0.00878	0.09584	0.00961	0.01949	0.00356	0.12980	0.01477
3	47	2	4702	3368	0.39058	0.02745	0.14871	0.01792	0.23688	0.01541	0.05487	0.00651	0.09287	0.00988	0.01845	0.00306	0.12351	0.01256
3	47	3	4703	2072	0.40096	0.03397	0.15510	0.02232	0.23003	0.01784	0.05116	0.00716	0.07155	0.00963	0.01213	0.00317	0.10967	0.01384
3	47	4	4704	1754	0.38569	0.02813	0.14569	0.01745	0.22888	0.01762	0.05294	0.00789	0.07659	0.00803	0.01497	0.00286	0.12234	0.01281
3	47	5	4705	1289	0.35893	0.03073	0.12822	0.01969	0.21400	0.01895	0.04579	0.00787	0.05615	0.00951	0.00907	0.00331	0.09501	0.01226
3	47	6	4706	1974	0.37372	0.02897	0.13907	0.01752	0.22780	0.01559	0.05193	0.00660	0.07905	0.00884	0.01651	0.00305	0.11818	0.01228
3	47	7	4707	1806	0.34206	0.03262	0.12180	0.01973	0.22781	0.02002	0.05143	0.00849	0.07992	0.01114	0.01511	0.00363	0.08695	0.01243
3	47	8	4708	1830	0.35454	0.02961	0.12763	0.01777	0.23204	0.01720	0.05194	0.00695	0.08772	0.01063	0.01655	0.00407	0.10033	0.01051
3	47	9	4709	666	0.35757	0.03745	0.12849	0.02230	0.22458	0.02145	0.04997	0.00793	0.07548	0.01120	0.01335	0.00401	0.09108	0.01461
3	47	10	4710	1235	0.36789	0.03243	0.13485	0.01962	0.22068	0.01639	0.04985	0.00765	0.08445	0.01333	0.01536	0.00468	0.12233	0.01361
3	47	11	4711	1496	0.40236	0.03387	0.15556	0.02103	0.24835	0.01850	0.05831	0.00923	0.06743	0.01008	0.01149	0.00346	0.12348	0.01230
3	47	12	4712	933	0.41689	0.03494	0.16358	0.02223	0.18994	0.01869	0.03818	0.00759	0.05668	0.00813	0.00861	0.00300	0.09799	0.01112
3	47	13	4713	1458	0.42023	0.03086	0.16571	0.02047	0.26896	0.02235	0.06701	0.00993	0.07925	0.00781	0.01465	0.00304	0.12185	0.01522
3	47	14	4714	2111	0.32932	0.03568	0.11384	0.01933	0.17134	0.02620	0.03338	0.00810	0.09006	0.01120	0.01775	0.00385	0.14171	0.02160
3	48	1	4801	1994	0.38807	0.03058	0.14723	0.01812	0.20738	0.01974	0.04502	0.00633	0.04257	0.00891	0.00605	0.00223	0.09634	0.01244
3	48	2	4802	2150	0.41865	0.02873	0.16689	0.01886	0.26854	0.02051	0.06950	0.00925	0.04674	0.00777	0.00704	0.00201	0.11264	0.01221
3	48	3	4803	5147	0.27639	0.02336	0.08804	0.01149	0.15346	0.01985	0.02881	0.00594	0.05473	0.00818	0.00922	0.00212	0.11806	0.01291
3	48	4	4804	5012	0.30431	0.02719	0.10123	0.01421	0.17869	0.01667	0.03716	0.00509	0.06379	0.00696	0.01412	0.00352	0.11327	0.01351
3	48	5	4805	4569	0.30678	0.02832	0.10257	0.01481	0.19244	0.01651	0.04042	0.00585	0.06783	0.00732	0.01247	0.00221	0.09281	0.01069
3	48	6	4806	4065	0.34172	0.02484	0.12197	0.01422	0.21784	0.01410	0.04989	0.00558	0.06804	0.00681	0.01436	0.00309	0.11616	0.01067
3	48	7	4807	4608	0.37678	0.02226	0.14179	0.01451	0.23505	0.01232	0.05541	0.00527	0.07716	0.00634	0.01586	0.00264	0.12206	0.01028
3	48	8	4808	3162	0.35599	0.02381	0.13006	0.01463	0.31705	0.01765	0.09583	0.00990	0.16627	0.01801	0.05582	0.01346	0.15063	0.01594
3	48	9	4809	3627	0.39689	0.02450	0.15395	0.01554	0.37669	0.02128	0.12395	0.01399	0.22076	0.02288	0.08259	0.01981	0.19656	0.02404
3	48	10	4810	2313	0.34479	0.02330	0.12360	0.01398	0.38248	0.02186	0.12623	0.01283	0.17259	0.01493	0.04936	0.00829	0.18262	0.02064
3	48	11	4811	3738	0.32408	0.02270	0.11138	0.01334	0.27968	0.01762	0.07893	0.00864	0.13921	0.01377	0.04207	0.00813	0.12433	0.01272
3	48	12	4812	2736	0.32295	0.02816	0.11125	0.01626	0.31307	0.02059	0.09134	0.01098	0.15942	0.01461	0.04731	0.00894	0.12653	0.01258
3	48	13	4813	2292	0.30500	0.03188	0.10254	0.01636	0.32002	0.02530	0.09563	0.01393	0.16675	0.01792	0.04844	0.00926	0.14791	0.01827
3	48	14	4814	2728	0.31876	0.03223	0.10803	0.01746	0.36769	0.02758	0.12427	0.01653	0.20348	0.01953	0.06793	0.01148	0.15586	0.02110
3	48	15	4815	5274	0.31028	0.02320	0.10423	0.01287	0.29766	0.02135	0.08826	0.01104	0.15756	0.01451	0.04809	0.00861	0.12506	0.01393
3	48	16	4816	2176	0.31893	0.02818	0.10782	0.01547	0.36200	0.02578	0.11970	0.01545	0.19885	0.01969	0.06487	0.01219	0.11564	0.02114
3	49	1	4901	7625	0.31372	0.01969	0.10631	0.01062	0.26579	0.02258	0.07452	0.01007	0.13397	0.01573	0.04309	0.01075	0.13615	0.01381
3	49	2	4902	3869	0.25852	0.02595	0.08050	0.01240	0.41438	0.04030	0.15078	0.02662	0.26400	0.02497	0.10165	0.01862	0.19051	0.02579
3	49	3	4903	3017	0.30114	0.02645	0.10000	0.01409	0.21955	0.03367	0.06092	0.01187	0.09420	0.01597	0.02563	0.00595	0.20403	0.02455

Geographic/administrative information					Measures of undernutrition												Diarrhea	
					Stunting		Severe stunting		Underweight		Severe underweight		Wasting		Severe wasting			
Region	dcode	Ilaka	ilakaid	Number of children under five	S2	seS2	S3	seS3	U2	seU2	U3	seU3	W2	seW2	W3	seW3	D	seD
3	49	4	4904	2092	0.29530	0.02592	0.09605	0.01379	0.31448	0.03235	0.09617	0.01610	0.18831	0.02255	0.06358	0.01335	0.13900	0.01875
3	49	5	4905	2004	0.25992	0.02920	0.08083	0.01476	0.35244	0.03674	0.12046	0.02217	0.20825	0.02456	0.07139	0.01362	0.18328	0.02504
3	49	6	4906	553	0.25940	0.04039	0.08003	0.01894	0.40883	0.04832	0.14302	0.03076	0.26621	0.03922	0.09915	0.02402	0.20532	0.04025
3	49	7	4907	660	0.28609	0.03763	0.09209	0.02030	0.28903	0.02966	0.07723	0.01442	0.11141	0.01947	0.02850	0.00926	0.14451	0.01845
3	49	8	4908	3543	0.30351	0.02989	0.10058	0.01567	0.29351	0.02690	0.08405	0.01279	0.11643	0.01209	0.03144	0.00611	0.15314	0.01801
3	49	9	4909	2261	0.31605	0.02571	0.10674	0.01403	0.36459	0.02861	0.12035	0.01871	0.19771	0.02217	0.06414	0.01205	0.17759	0.02217
3	49	10	4910	2231	0.25382	0.02894	0.07751	0.01357	0.37710	0.04140	0.12447	0.02415	0.22998	0.02511	0.07998	0.01573	0.15362	0.02334
3	49	11	4911	5247	0.34211	0.02221	0.12041	0.01305	0.27133	0.01929	0.07287	0.00887	0.11602	0.01375	0.03258	0.00825	0.14895	0.01499
3	49	12	4912	6036	0.33306	0.02259	0.11719	0.01220	0.41500	0.03441	0.15016	0.02300	0.24701	0.02479	0.09255	0.01811	0.21602	0.02528
3	49	13	4913	4888	0.29940	0.02761	0.10005	0.01437	0.43716	0.04670	0.16701	0.03191	0.23434	0.02702	0.08611	0.01759	0.25838	0.03686
3	49	14	4914	5743	0.29551	0.02858	0.09943	0.01465	0.45903	0.04871	0.18095	0.03559	0.26596	0.02910	0.09806	0.01889	0.26281	0.03684
3	49	15	4915	4383	0.26782	0.02795	0.08583	0.01383	0.41715	0.04976	0.15583	0.03320	0.25359	0.02880	0.09108	0.01720	0.30031	0.04208
3	49	16	4916	5966	0.26688	0.02938	0.08413	0.01352	0.44211	0.04863	0.17359	0.03448	0.28432	0.03051	0.10950	0.02063	0.26423	0.03498
3	49	17	4917	6192	0.26566	0.02791	0.08329	0.01317	0.43609	0.04366	0.16674	0.03129	0.28234	0.03120	0.10873	0.02066	0.24887	0.03528
3	49	18	4918	8543	0.27686	0.03003	0.08809	0.01477	0.12757	0.03146	0.02296	0.00841	0.06061	0.01565	0.01187	0.00452	0.12116	0.01960
3	49	19	4919	4882	0.30441	0.02843	0.10271	0.01553	0.24435	0.03844	0.06628	0.01531	0.14343	0.02469	0.03947	0.00983	0.15464	0.02459
3	50	1	5001	3588	0.33476	0.01872	0.11733	0.01069	0.35188	0.02928	0.11655	0.01821	0.18038	0.01642	0.05826	0.00981	0.18626	0.02190
3	50	2	5002	3805	0.37304	0.03363	0.13929	0.01979	0.43723	0.04371	0.16822	0.03124	0.25913	0.02611	0.10360	0.02142	0.22915	0.02863
3	50	3	5003	4087	0.33458	0.03730	0.11919	0.02081	0.48174	0.05383	0.20274	0.04146	0.28363	0.03088	0.11150	0.02243	0.26126	0.03721
3	50	4	5004	4192	0.33713	0.03114	0.12128	0.01785	0.48857	0.05055	0.21296	0.04191	0.28670	0.03339	0.11445	0.02370	0.25732	0.04279
3	50	5	5005	3980	0.36776	0.02481	0.13706	0.01509	0.37688	0.03017	0.12899	0.01957	0.18687	0.01882	0.06067	0.01099	0.19309	0.02535
3	50	6	5006	1281	0.34854	0.04073	0.12737	0.02343	0.49761	0.05800	0.22031	0.04723	0.28207	0.03086	0.11265	0.02202	0.25699	0.04198
3	50	7	5007	2833	0.35021	0.03464	0.12890	0.01946	0.56670	0.05314	0.27608	0.05266	0.32046	0.03513	0.13209	0.02620	0.27726	0.05050
3	50	8	5008	3111	0.33346	0.03957	0.11814	0.02250	0.53791	0.05402	0.24340	0.04689	0.29352	0.03191	0.11748	0.02278	0.29392	0.04381
3	50	9	5009	3569	0.38713	0.02158	0.14667	0.01420	0.40687	0.03533	0.15073	0.02466	0.25047	0.02514	0.10028	0.01958	0.24457	0.02774
3	50	10	5010	3390	0.38719	0.02391	0.14769	0.01563	0.40218	0.03402	0.14519	0.02342	0.20812	0.02104	0.07367	0.01506	0.22697	0.02728
3	50	11	5011	3513	0.38480	0.02640	0.14736	0.01549	0.53225	0.04390	0.24124	0.03998	0.30887	0.03172	0.12711	0.02358	0.29421	0.04378
3	50	12	5012	4908	0.38232	0.02781	0.14730	0.01646	0.54398	0.04737	0.25264	0.04456	0.29438	0.03029	0.11341	0.02124	0.30952	0.04754
3	50	13	5013	5658	0.38264	0.02725	0.14746	0.01715	0.44106	0.03226	0.17177	0.02350	0.23480	0.02307	0.08824	0.01661	0.25281	0.02967
3	50	14	5014	6928	0.36659	0.02787	0.13715	0.01752	0.43888	0.02963	0.16929	0.02231	0.24411	0.02444	0.08966	0.01667	0.26746	0.03106
3	50	15	5015	5512	0.32026	0.02656	0.11248	0.01413	0.51417	0.04333	0.22589	0.03669	0.27343	0.03153	0.10060	0.02024	0.32581	0.04687
3	50	16	5016	3072	0.34573	0.02451	0.12355	0.01469	0.44365	0.03719	0.17358	0.02700	0.24896	0.02806	0.08748	0.01640	0.20073	0.03646
3	51	1	5101	1411	0.42197	0.03795	0.16852	0.02361	0.24014	0.01708	0.05410	0.00829	0.06110	0.00938	0.00994	0.00314	0.09791	0.01158
3	51	2	5102	1399	0.39793	0.03318	0.15093	0.02179	0.20319	0.02060	0.04251	0.00793	0.05126	0.00754	0.00789	0.00250	0.10277	0.01602
3	51	3	5103	1944	0.44596	0.03261	0.18319	0.02321	0.25354	0.02122	0.05925	0.00875	0.06350	0.00820	0.01033	0.00272	0.11631	0.01489
3	51	4	5104	1221	0.42759	0.03121	0.16950	0.02113	0.26630	0.02327	0.06445	0.00989	0.06660	0.00874	0.01121	0.00355	0.10170	0.01483
3	51	5	5105	2729	0.46580	0.03209	0.19709	0.02226	0.24357	0.01600	0.05611	0.00659	0.05734	0.00829	0.00929	0.00255	0.12209	0.01440
3	51	6	5106	2458	0.41361	0.02832	0.16238	0.01809	0.28191	0.02087	0.07137	0.00969	0.08896	0.00957	0.01714	0.00321	0.14848	0.01949
3	51	7	5107	2689	0.47163	0.02942	0.20354	0.02214	0.30500	0.02106	0.08245	0.01011	0.09342	0.01023	0.02005	0.00381	0.16355	0.02041

Geographic/administrative information					Measures of undernutrition												Diarrhea	
					Stunting		Severe stunting		Underweight		Severe underweight		Wasting		Severe wasting			
Region	dcode	Ilaka	ilakaid	Number of children under five	S2	seS2	S3	seS3	U2	seU2	U3	seU3	W2	seW2	W3	seW3	D	seD
3	51	8	5108	2582	0.41618	0.02338	0.16473	0.01642	0.23293	0.01786	0.05223	0.00636	0.10109	0.01143	0.02218	0.00496	0.15014	0.01335
3	51	9	5109	1343	0.41039	0.03266	0.15995	0.02122	0.24166	0.01896	0.05521	0.00808	0.06112	0.00779	0.00971	0.00252	0.13281	0.01432
3	51	10	5110	1470	0.42143	0.03385	0.16592	0.02301	0.24082	0.01817	0.05570	0.00778	0.06592	0.00847	0.01104	0.00278	0.13274	0.01398
3	51	11	5111	1545	0.39948	0.03138	0.15413	0.02049	0.24646	0.01947	0.05795	0.00921	0.06828	0.00740	0.01210	0.00263	0.12176	0.01504
4	52	1	5201	2026	0.48992	0.03267	0.21641	0.02492	0.24895	0.01783	0.05779	0.00722	0.06628	0.00914	0.01112	0.00317	0.12984	0.01602
4	52	2	5202	2468	0.50179	0.03547	0.22419	0.02672	0.24134	0.01880	0.05564	0.00690	0.06258	0.00746	0.01166	0.00299	0.10778	0.01472
4	52	3	5203	2363	0.48432	0.03263	0.21412	0.02581	0.23715	0.02002	0.05410	0.00798	0.06493	0.00868	0.01170	0.00254	0.13146	0.01709
4	52	4	5204	2671	0.48849	0.03076	0.21410	0.02291	0.26168	0.01731	0.06329	0.00807	0.07949	0.00866	0.01477	0.00293	0.15354	0.01997
4	52	5	5205	2817	0.47658	0.02844	0.20540	0.02130	0.22566	0.01706	0.04988	0.00721	0.05484	0.00662	0.00835	0.00182	0.14351	0.01942
4	52	6	5206	1549	0.44372	0.03375	0.18225	0.02363	0.23989	0.01742	0.05535	0.00703	0.06667	0.00927	0.01155	0.00261	0.12544	0.01415
4	52	7	5207	2929	0.45986	0.03088	0.19425	0.02262	0.21826	0.01629	0.04720	0.00608	0.06227	0.00726	0.01019	0.00224	0.12337	0.01275
4	52	8	5208	2400	0.49234	0.03127	0.21631	0.02406	0.23568	0.01546	0.05417	0.00712	0.05283	0.00701	0.00836	0.00234	0.13905	0.01647
4	52	9	5209	4287	0.53470	0.03239	0.24756	0.02676	0.23895	0.01913	0.05438	0.00700	0.05289	0.00664	0.00810	0.00163	0.14429	0.01863
4	52	10	5210	3205	0.52946	0.03193	0.24471	0.02676	0.27243	0.02039	0.06775	0.00984	0.05868	0.00812	0.00992	0.00260	0.15389	0.01916
4	52	11	5211	2914	0.48017	0.02685	0.21129	0.02255	0.24787	0.01877	0.05879	0.00688	0.07392	0.00908	0.01365	0.00302	0.13620	0.01385
4	53	1	5301	3292	0.48763	0.02650	0.21378	0.02065	0.27469	0.02201	0.07170	0.00984	0.08394	0.01019	0.01590	0.00340	0.12205	0.01317
4	53	2	5302	2836	0.51710	0.02691	0.23260	0.02177	0.35048	0.02317	0.10494	0.01282	0.10475	0.01623	0.02205	0.00555	0.10700	0.01471
4	53	3	5303	3877	0.52917	0.03082	0.24522	0.02623	0.34529	0.02525	0.10207	0.01399	0.11679	0.01470	0.02583	0.00529	0.14322	0.01824
4	53	4	5304	2296	0.53167	0.02641	0.24760	0.02346	0.35503	0.02795	0.10656	0.01716	0.11204	0.01596	0.02476	0.00596	0.14646	0.01985
4	53	5	5305	1869	0.49899	0.02713	0.22175	0.02131	0.33018	0.02886	0.09346	0.01424	0.09844	0.01305	0.02108	0.00496	0.12179	0.01770
4	53	6	5306	2192	0.48918	0.03028	0.21383	0.02271	0.29305	0.02708	0.07656	0.01261	0.10933	0.01447	0.02635	0.00608	0.11252	0.01605
4	53	7	5307	2740	0.50389	0.02852	0.22443	0.02397	0.32376	0.02418	0.09016	0.01204	0.08924	0.01351	0.01715	0.00412	0.11102	0.01473
4	53	8	5308	2607	0.50648	0.02674	0.22485	0.02222	0.33479	0.02527	0.09500	0.01365	0.08310	0.01242	0.01531	0.00393	0.12638	0.01699
4	53	9	5309	2049	0.48352	0.02799	0.20903	0.02036	0.27079	0.02469	0.06884	0.01109	0.07622	0.00966	0.01429	0.00357	0.09353	0.01354
4	53	10	5310	2459	0.47167	0.02929	0.20011	0.02180	0.31900	0.02288	0.08820	0.01150	0.09804	0.01496	0.01975	0.00492	0.10126	0.01372
4	53	11	5311	2290	0.49386	0.02997	0.21528	0.02283	0.32189	0.02391	0.08830	0.01098	0.10646	0.01535	0.02217	0.00511	0.10235	0.01477
4	54	1	5401	2740	0.40948	0.02673	0.16263	0.01728	0.27825	0.01869	0.07374	0.00929	0.08083	0.00948	0.01530	0.00274	0.11857	0.01495
4	54	2	5402	2113	0.46587	0.02818	0.19747	0.02084	0.30896	0.01912	0.08420	0.00958	0.06303	0.00889	0.01050	0.00272	0.10948	0.01483
4	54	3	5403	1524	0.49416	0.03368	0.21935	0.02817	0.34521	0.02410	0.09931	0.01252	0.07200	0.01106	0.01287	0.00361	0.13253	0.01660
4	54	4	5404	914	0.50383	0.03460	0.22204	0.02952	0.43276	0.02888	0.14922	0.01912	0.12041	0.02187	0.02796	0.00843	0.08122	0.01687
4	54	5	5405	1663	0.50628	0.03162	0.22774	0.02494	0.37275	0.03134	0.11646	0.01824	0.11085	0.01985	0.02412	0.00719	0.08932	0.01507
4	54	6	5406	1377	0.50535	0.03458	0.22553	0.02670	0.33561	0.03044	0.09418	0.01427	0.08107	0.01419	0.01525	0.00470	0.10756	0.01389
4	54	7	5407	2254	0.47567	0.02671	0.20300	0.02012	0.37273	0.02086	0.11657	0.01275	0.11257	0.01359	0.02379	0.00508	0.12156	0.01738
4	54	8	5408	2897	0.46622	0.02896	0.19785	0.02074	0.38063	0.02327	0.12069	0.01499	0.12326	0.01266	0.02741	0.00488	0.12438	0.01859
4	54	9	5409	2575	0.48986	0.02860	0.21276	0.02064	0.37263	0.02064	0.11558	0.01265	0.11133	0.01113	0.02381	0.00462	0.10445	0.01534
4	54	10	5410	3745	0.50485	0.02970	0.22303	0.02346	0.38961	0.02364	0.12425	0.01306	0.08937	0.01705	0.01764	0.00512	0.11692	0.01790
4	54	11	5411	2500	0.48917	0.02751	0.21462	0.02165	0.38619	0.02435	0.12409	0.01554	0.09168	0.01508	0.01884	0.00547	0.13436	0.01918
4	55	1	5501	2729	0.46324	0.02579	0.19618	0.02003	0.36961	0.02167	0.11454	0.01226	0.13455	0.01294	0.03289	0.00539	0.11665	0.01648
4	55	2	5502	1665	0.44011	0.02720	0.18007	0.01902	0.28035	0.02360	0.07094	0.01032	0.09248	0.01059	0.01754	0.00349	0.11332	0.01603

Geographic/administrative information					Measures of undernutrition												Diarrhea	
					Stunting		Severe stunting		Underweight		Severe underweight		Wasting		Severe wasting			
Region	dcode	Ilaka	ilakaid	Number of children under five	S2	seS2	S3	seS3	U2	seU2	U3	seU3	W2	seW2	W3	seW3	D	seD
4	55	3	5503	2145	0.44074	0.02747	0.17824	0.01959	0.28798	0.02194	0.07600	0.00965	0.08949	0.01140	0.01735	0.00424	0.10598	0.01281
4	55	4	5504	2861	0.46928	0.02585	0.19933	0.01886	0.33554	0.01823	0.09813	0.00932	0.09692	0.01060	0.02074	0.00371	0.11526	0.01492
4	55	5	5505	1800	0.41831	0.02479	0.16774	0.01735	0.30863	0.01829	0.08411	0.01017	0.10437	0.01012	0.02259	0.00399	0.12577	0.01193
4	55	6	5506	1703	0.48683	0.02842	0.20891	0.02197	0.36395	0.02512	0.10986	0.01301	0.13323	0.01773	0.03212	0.00688	0.09475	0.01488
4	55	7	5507	2586	0.42130	0.02717	0.16678	0.01784	0.30289	0.02079	0.08018	0.00979	0.09636	0.01030	0.01953	0.00393	0.10777	0.01126
4	55	8	5508	2753	0.48546	0.02834	0.21051	0.02131	0.36727	0.02184	0.11444	0.01310	0.15836	0.01574	0.04165	0.00682	0.10545	0.01486
4	55	9	5509	3012	0.47468	0.02940	0.20425	0.02243	0.40654	0.02457	0.13615	0.01607	0.15728	0.01401	0.04130	0.00634	0.11869	0.01752
4	55	10	5510	2548	0.47724	0.02769	0.20421	0.02172	0.41924	0.02674	0.14277	0.01725	0.13501	0.01364	0.03175	0.00574	0.11971	0.01583
4	55	11	5511	3827	0.43337	0.02532	0.17542	0.01755	0.34541	0.01851	0.10128	0.00969	0.09713	0.01075	0.01947	0.00341	0.12790	0.01623
4	56	1	5601	988	0.39407	0.03971	0.15082	0.02536	0.23533	0.02990	0.05368	0.01157	0.04992	0.01216	0.00798	0.00343	0.11437	0.02155
4	56	2	5602	2990	0.46796	0.03190	0.19868	0.02214	0.25422	0.02064	0.06054	0.00855	0.04982	0.00973	0.00771	0.00261	0.10516	0.01337
4	56	3	5603	3253	0.46952	0.02785	0.20036	0.02014	0.26403	0.01621	0.06424	0.00634	0.04100	0.00795	0.00589	0.00194	0.13566	0.01518
4	56	4	5604	6294	0.43424	0.02143	0.17774	0.01545	0.33652	0.01685	0.10047	0.00972	0.10305	0.01104	0.02574	0.00581	0.16407	0.01929
4	56	5	5605	5095	0.40549	0.02262	0.15937	0.01457	0.32160	0.02029	0.09333	0.01038	0.12463	0.01256	0.03331	0.00657	0.16430	0.01790
4	56	6	5606	4370	0.45190	0.02704	0.18804	0.01965	0.35877	0.02183	0.11050	0.01209	0.12642	0.01776	0.03387	0.00826	0.16845	0.01943
4	56	7	5607	4897	0.41714	0.02279	0.16497	0.01541	0.28493	0.01882	0.07749	0.00894	0.07082	0.00936	0.01574	0.00396	0.14505	0.02882
4	56	8	5608	508	0.44046	0.04069	0.17743	0.03036	0.19894	0.02827	0.04230	0.01022	0.07464	0.01621	0.01415	0.00650	0.14388	0.03178
4	56	9	5609	2337	0.41635	0.02918	0.16325	0.01890	0.31103	0.02556	0.08614	0.01263	0.07511	0.01021	0.01409	0.00343	0.15552	0.03233
4	56	10	5610	2867	0.44185	0.03293	0.18087	0.02348	0.27654	0.01951	0.07113	0.00851	0.06042	0.01039	0.01120	0.00351	0.10763	0.01563
4	56	11	5611	2529	0.43388	0.02745	0.17404	0.01821	0.24197	0.02045	0.05670	0.00810	0.04325	0.00692	0.00672	0.00170	0.13361	0.02168
4	56	12	5612	2311	0.38889	0.02771	0.14710	0.01782	0.25881	0.01919	0.06308	0.00854	0.06288	0.00858	0.01161	0.00273	0.13536	0.02161
4	56	13	5613	5054	0.37990	0.02624	0.14222	0.01593	0.26419	0.02111	0.06603	0.00902	0.07002	0.00989	0.01301	0.00261	0.13031	0.02271
4	56	14	5614	5287	0.34875	0.02360	0.12476	0.01349	0.23632	0.01896	0.05569	0.00705	0.07485	0.00990	0.01349	0.00287	0.10854	0.01549
4	56	15	5615	4664	0.33278	0.02017	0.11622	0.01142	0.25869	0.01660	0.06497	0.00732	0.06868	0.00803	0.01375	0.00285	0.10122	0.01680
4	57	1	5701	2302	0.46724	0.03475	0.20016	0.02623	0.44645	0.04224	0.16950	0.03139	0.20481	0.02502	0.06543	0.01344	0.25714	0.03514
4	57	2	5702	4101	0.42269	0.02699	0.17033	0.01816	0.38220	0.02544	0.12896	0.01617	0.17276	0.01570	0.05101	0.00868	0.18586	0.02368
4	57	3	5703	3451	0.42313	0.02318	0.16960	0.01662	0.28563	0.02260	0.07458	0.00957	0.09459	0.01442	0.01980	0.00455	0.13875	0.01499
4	57	4	5704	6715	0.38868	0.02088	0.14785	0.01359	0.29156	0.02260	0.08323	0.01146	0.13466	0.01711	0.03918	0.01024	0.13440	0.01290
4	57	5	5705	3029	0.42793	0.02754	0.17235	0.01987	0.39378	0.03116	0.14108	0.02167	0.21953	0.02830	0.08384	0.02206	0.17193	0.01519
4	57	6	5706	2456	0.44367	0.03337	0.18420	0.02325	0.44092	0.03689	0.16553	0.02699	0.25271	0.02762	0.10192	0.02408	0.24484	0.02894
4	57	7	5707	1750	0.42617	0.03631	0.17205	0.02407	0.44054	0.03299	0.16225	0.02441	0.21639	0.02399	0.07744	0.01707	0.20772	0.03295
4	57	8	5708	1562	0.38577	0.03048	0.14906	0.01905	0.35934	0.02855	0.12662	0.01856	0.17174	0.02298	0.05361	0.01287	0.20019	0.02339
4	57	9	5709	2250	0.45796	0.02963	0.19224	0.02294	0.44755	0.03553	0.17216	0.02685	0.20496	0.02341	0.07812	0.01962	0.19232	0.02126
4	57	10	5710	5438	0.41346	0.02263	0.16249	0.01476	0.34281	0.02432	0.10778	0.01479	0.16280	0.02430	0.05320	0.01675	0.12674	0.01766
4	57	11	5711	4003	0.42846	0.02356	0.17347	0.01672	0.39653	0.03260	0.14114	0.02221	0.24049	0.03701	0.10041	0.03228	0.13623	0.01893
4	57	12	5712	3204	0.40383	0.02191	0.15878	0.01571	0.43490	0.02679	0.16892	0.02098	0.22000	0.02469	0.08943	0.02262	0.18835	0.02042
4	57	13	5713	3090	0.38720	0.02197	0.14862	0.01365	0.40311	0.02783	0.14782	0.01912	0.20185	0.02420	0.07586	0.01974	0.18464	0.01699
4	57	14	5714	5447	0.31283	0.03040	0.10867	0.01645	0.23965	0.03710	0.05908	0.01433	0.10594	0.02234	0.02367	0.00758	0.17411	0.02544
4	58	1	5801	4146	0.42008	0.02586	0.16706	0.01766	0.31866	0.02409	0.09448	0.01342	0.15585	0.02433	0.05063	0.01622	0.12491	0.01692

Geographic/administrative information					Measures of undernutrition												Diarrhea	
					Stunting		Severe stunting		Underweight		Severe underweight		Wasting		Severe wasting			
Region	dcode	Ilaka	ilakaid	Number of children under five	S2	seS2	S3	seS3	U2	seU2	U3	seU3	W2	seW2	W3	seW3	D	seD
4	58	2	5802	1991	0.41598	0.03078	0.16481	0.02311	0.30561	0.02256	0.08818	0.01164	0.13583	0.01953	0.03815	0.01151	0.12404	0.01925
4	58	3	5803	3659	0.40464	0.02710	0.15733	0.01846	0.25000	0.02037	0.06189	0.00768	0.10445	0.01259	0.02562	0.00658	0.13001	0.01543
4	58	4	5804	3835	0.42782	0.02643	0.17189	0.01795	0.25942	0.02181	0.06502	0.00963	0.10451	0.01196	0.02528	0.00537	0.10215	0.01446
4	58	5	5805	2477	0.41868	0.03082	0.16593	0.01979	0.29990	0.02360	0.08641	0.01205	0.14602	0.02055	0.04654	0.01427	0.12286	0.02211
4	58	6	5806	1128	0.40868	0.03600	0.16061	0.02443	0.29497	0.02496	0.08373	0.01305	0.13921	0.01836	0.04009	0.01019	0.12237	0.01558
4	58	7	5807	828	0.40229	0.03768	0.15637	0.02533	0.19545	0.02377	0.04181	0.00905	0.06618	0.01555	0.01481	0.00674	0.12924	0.01794
4	58	8	5808	3918	0.41337	0.02357	0.16274	0.01617	0.26249	0.02026	0.06915	0.00952	0.10936	0.01798	0.03025	0.01002	0.13109	0.01605
4	58	9	5809	2874	0.41211	0.02490	0.16093	0.01668	0.29759	0.02246	0.08373	0.01260	0.14579	0.02146	0.04499	0.01489	0.16149	0.02675
4	58	10	5810	2145	0.42145	0.02720	0.16914	0.02015	0.34284	0.02880	0.10759	0.01644	0.20233	0.04068	0.07331	0.02874	0.21824	0.04159
4	58	11	5811	2608	0.35619	0.03038	0.13113	0.01774	0.32582	0.03122	0.09895	0.01894	0.22127	0.04419	0.08202	0.03101	0.19556	0.04211
4	58	12	5812	1587	0.34546	0.03205	0.12348	0.01852	0.36501	0.03195	0.11761	0.01985	0.25596	0.04428	0.10476	0.03608	0.19288	0.04042
4	58	13	5813	2441	0.40330	0.02651	0.15535	0.01696	0.35552	0.02563	0.11390	0.01726	0.22163	0.03908	0.08466	0.03035	0.20681	0.03743
4	58	14	5814	5304	0.42466	0.02443	0.17048	0.01716	0.30393	0.01968	0.08482	0.01032	0.13450	0.01195	0.03685	0.00731	0.11878	0.02197
4	59	1	5901	4400	0.40029	0.02415	0.15391	0.01480	0.30529	0.01900	0.08295	0.00906	0.11860	0.01267	0.02822	0.00470	0.12269	0.01272
4	59	2	5902	3455	0.45232	0.02948	0.18811	0.02092	0.27246	0.01544	0.06886	0.00735	0.07593	0.00999	0.01429	0.00328	0.10746	0.01280
4	59	3	5903	2815	0.43712	0.02748	0.17766	0.01917	0.30997	0.01906	0.08478	0.00951	0.08572	0.00809	0.01630	0.00253	0.11889	0.01343
4	59	4	5904	2495	0.42851	0.02531	0.17293	0.01775	0.19948	0.01756	0.04076	0.00656	0.04715	0.00715	0.00731	0.00225	0.11681	0.01152
4	59	5	5905	2789	0.46806	0.02775	0.19938	0.02059	0.37072	0.01939	0.11570	0.01141	0.11812	0.00941	0.02588	0.00412	0.13611	0.01632
4	59	6	5906	2714	0.48692	0.02421	0.21224	0.01802	0.32783	0.01858	0.09320	0.00915	0.07828	0.01010	0.01556	0.00348	0.16498	0.02225
4	59	7	5907	2501	0.42163	0.02551	0.16617	0.01633	0.25998	0.01770	0.06319	0.00779	0.07144	0.00842	0.01246	0.00298	0.10766	0.01158
4	59	8	5908	2577	0.36923	0.02534	0.13713	0.01508	0.27100	0.01989	0.06670	0.00818	0.12444	0.01616	0.02997	0.00696	0.14754	0.01338
4	59	9	5909	2890	0.43783	0.02749	0.17744	0.01859	0.32069	0.02027	0.08954	0.01020	0.09585	0.01108	0.01909	0.00404	0.12130	0.01631
4	59	10	5910	4057	0.48336	0.02647	0.20963	0.01993	0.29924	0.02189	0.08156	0.00957	0.08341	0.01199	0.01688	0.00384	0.15671	0.02533
4	59	11	5911	4173	0.48618	0.02760	0.21130	0.02062	0.34433	0.02593	0.10293	0.01349	0.11359	0.01586	0.02637	0.00583	0.15318	0.02624
4	59	12	5912	4308	0.33127	0.02153	0.11430	0.01202	0.26606	0.02241	0.06702	0.00895	0.12344	0.01460	0.02920	0.00596	0.13174	0.01885
4	60	1	6001	248	0.37409	0.04214	0.14312	0.02548	0.23344	0.02709	0.05753	0.01330	0.07966	0.02213	0.01428	0.00868	0.11083	0.02078
4	60	2	6002	3013	0.49786	0.02908	0.21913	0.02231	0.37198	0.02233	0.11671	0.01277	0.09574	0.01077	0.01976	0.00381	0.14394	0.01800
4	60	3	6003	2772	0.48538	0.02473	0.20850	0.02083	0.34797	0.02207	0.10218	0.01085	0.08381	0.00981	0.01639	0.00350	0.12511	0.01417
4	60	4	6004	2945	0.50260	0.02773	0.22257	0.02190	0.30992	0.02228	0.08442	0.01070	0.07663	0.00890	0.01410	0.00290	0.15933	0.01801
4	60	5	6005	3027	0.45544	0.02422	0.19013	0.01773	0.32886	0.02224	0.09414	0.01226	0.08417	0.00865	0.01605	0.00282	0.15469	0.01798
4	60	6	6006	1406	0.46305	0.03266	0.19666	0.02386	0.32487	0.02274	0.09084	0.01221	0.09501	0.01023	0.01922	0.00404	0.12062	0.01692
4	60	7	6007	3192	0.47283	0.02394	0.20157	0.01775	0.38012	0.02116	0.11967	0.01332	0.12091	0.01143	0.02736	0.00458	0.12064	0.01400
4	60	8	6008	5141	0.48163	0.02572	0.20939	0.01938	0.40040	0.02244	0.13115	0.01428	0.12975	0.01087	0.03008	0.00449	0.12883	0.01580
4	60	9	6009	5751	0.50522	0.02724	0.22505	0.02199	0.42187	0.02481	0.14527	0.01615	0.14363	0.01312	0.03569	0.00553	0.14131	0.01914
4	60	10	6010	2124	0.49622	0.02934	0.22041	0.02293	0.34562	0.02327	0.09986	0.01251	0.12832	0.01318	0.02975	0.00587	0.14170	0.01816
4	60	11	6011	3373	0.52189	0.02836	0.23672	0.02322	0.35583	0.02481	0.10860	0.01330	0.11426	0.01208	0.02621	0.00472	0.14246	0.01983
4	60	12	6012	2311	0.42186	0.02754	0.16834	0.01914	0.30398	0.02190	0.08172	0.01058	0.10567	0.01305	0.02175	0.00494	0.11072	0.02241
4	61	1	6101	2371	0.44663	0.03188	0.18370	0.02299	0.36732	0.02390	0.11473	0.01318	0.10316	0.01346	0.02127	0.00490	0.10982	0.01648
4	61	2	6102	1866	0.51516	0.03357	0.23352	0.02751	0.39797	0.02826	0.12896	0.01692	0.15644	0.01550	0.03942	0.00692	0.09849	0.01719

Geographic/administrative information					Measures of undernutrition												Diarrhea	
					Stunting		Severe stunting		Underweight		Severe underweight		Wasting		Severe wasting			
Region	dcode	Ilaka	ilakaid	Number of children under five	S2	seS2	S3	seS3	U2	seU2	U3	seU3	W2	seW2	W3	seW3	D	seD
4	61	3	6103	2867	0.49288	0.02868	0.21558	0.02330	0.39303	0.02395	0.12793	0.01485	0.09419	0.01500	0.01908	0.00484	0.13080	0.01938
4	61	4	6104	2500	0.49371	0.03125	0.21824	0.02394	0.41420	0.02452	0.13926	0.01560	0.09762	0.01935	0.01940	0.00567	0.12927	0.01876
4	61	5	6105	1086	0.50520	0.03595	0.22361	0.03058	0.39154	0.02933	0.12511	0.01747	0.08410	0.01946	0.01626	0.00620	0.11886	0.01841
4	61	6	6106	1804	0.47556	0.03174	0.20434	0.02502	0.40890	0.02635	0.13945	0.01791	0.07171	0.01761	0.01265	0.00504	0.12954	0.01673
4	61	7	6107	2766	0.52334	0.03426	0.23967	0.02830	0.37443	0.02420	0.11686	0.01383	0.08802	0.01478	0.01736	0.00502	0.14343	0.02181
4	61	8	6108	2800	0.50801	0.03458	0.22753	0.02728	0.37755	0.02586	0.11710	0.01439	0.08537	0.01078	0.01596	0.00345	0.16049	0.02349
4	61	9	6109	2284	0.49250	0.02870	0.21466	0.02331	0.40489	0.02453	0.13299	0.01636	0.11579	0.01439	0.02528	0.00553	0.16014	0.02142
4	61	10	6110	3235	0.49248	0.03018	0.21695	0.02381	0.44430	0.02653	0.15999	0.01834	0.11431	0.01670	0.02504	0.00618	0.14991	0.02427
4	61	11	6111	1688	0.48401	0.03219	0.20955	0.02399	0.36464	0.02656	0.11209	0.01462	0.10017	0.01340	0.02072	0.00513	0.12945	0.02302
4	62	1	6201	973	0.50562	0.03350	0.23085	0.02486	0.36208	0.02803	0.11664	0.01593	0.09059	0.01635	0.01784	0.00619	0.15752	0.01866
4	62	2	6202	1015	0.57201	0.03340	0.28031	0.02972	0.42791	0.03045	0.14826	0.02082	0.09988	0.01884	0.02022	0.00693	0.18722	0.02217
4	62	3	6203	504	0.57458	0.03364	0.28055	0.03130	0.39367	0.03135	0.13182	0.01987	0.11105	0.02276	0.02343	0.00839	0.15860	0.02223
4	62	4	6204	815	0.54814	0.02918	0.26126	0.02465	0.47365	0.03055	0.18110	0.02184	0.14090	0.02317	0.03451	0.00983	0.15487	0.02201
4	62	5	6205	353	0.55121	0.03355	0.26021	0.03078	0.36699	0.03383	0.10987	0.01840	0.06096	0.01602	0.00932	0.00526	0.15849	0.02651
4	62	6	6206	182	0.55396	0.04960	0.26763	0.04758	0.42111	0.04613	0.14948	0.03131	0.07308	0.02203	0.01403	0.00937	0.15496	0.02800
4	62	7	6207	400	0.61242	0.04683	0.32083	0.04554	0.54012	0.04173	0.24016	0.04074	0.11811	0.03902	0.03494	0.02025	0.10031	0.02136
4	62	8	6208	515	0.55320	0.03609	0.26049	0.03254	0.42563	0.03669	0.14987	0.02551	0.11020	0.02777	0.02558	0.01059	0.08761	0.02209
4	62	9	6209	137	0.57637	0.05137	0.28305	0.04300	0.56663	0.05212	0.25568	0.04969	0.11106	0.03748	0.02525	0.01519	0.10291	0.02795
4	63	1	6301	1811	0.49575	0.02917	0.21904	0.02346	0.32585	0.02187	0.09487	0.01205	0.07628	0.01100	0.01458	0.00385	0.11860	0.01634
4	63	2	6302	2184	0.57736	0.03161	0.28411	0.02901	0.39729	0.02536	0.12739	0.01541	0.07559	0.01597	0.01436	0.00498	0.15173	0.01938
4	63	3	6303	1043	0.54792	0.02981	0.25762	0.02646	0.43094	0.02543	0.14915	0.01777	0.10291	0.01563	0.02206	0.00626	0.15198	0.01894
4	63	4	6304	2089	0.56862	0.02665	0.27519	0.02311	0.39025	0.02215	0.12600	0.01327	0.10751	0.01580	0.02316	0.00596	0.15213	0.01934
4	63	5	6305	2189	0.57684	0.02857	0.28420	0.02663	0.33967	0.02149	0.09901	0.01148	0.10228	0.01798	0.02079	0.00601	0.19120	0.02336
4	63	6	6306	1659	0.59082	0.03291	0.29419	0.03141	0.39308	0.02498	0.12778	0.01478	0.12556	0.01710	0.02955	0.00692	0.16485	0.02149
4	63	7	6307	1739	0.55549	0.03056	0.26418	0.02469	0.38914	0.02565	0.12334	0.01540	0.12544	0.02036	0.02798	0.00699	0.16216	0.02093
4	63	8	6308	1401	0.55199	0.03245	0.26409	0.02877	0.39003	0.02324	0.12495	0.01438	0.11859	0.01843	0.02651	0.00657	0.15467	0.01954
4	63	9	6309	845	0.54618	0.03312	0.25626	0.02888	0.31640	0.02484	0.08879	0.01345	0.06693	0.01304	0.01232	0.00420	0.14330	0.01898
4	64	1	6401	2928	0.53924	0.02718	0.25309	0.02416	0.37281	0.02224	0.12125	0.01335	0.08159	0.01272	0.01607	0.00408	0.15822	0.02289
4	64	2	6402	2081	0.55603	0.03068	0.26744	0.02796	0.36449	0.02396	0.10958	0.01365	0.06100	0.01129	0.01069	0.00350	0.15835	0.02128
4	64	3	6403	2564	0.56900	0.02571	0.27592	0.02231	0.46913	0.02547	0.17545	0.01834	0.12773	0.01434	0.03173	0.00686	0.15968	0.01742
4	64	4	6404	1940	0.56534	0.03116	0.27338	0.02835	0.47742	0.02779	0.18212	0.02172	0.10543	0.02222	0.02303	0.00783	0.19285	0.02558
4	64	5	6405	3268	0.58204	0.02756	0.28667	0.02524	0.38215	0.02447	0.11951	0.01421	0.06736	0.00993	0.01188	0.00269	0.15414	0.02005
4	64	6	6406	3016	0.58214	0.02719	0.28624	0.02396	0.42144	0.02474	0.14483	0.01632	0.08722	0.01267	0.01840	0.00472	0.16133	0.02123
4	64	7	6407	2047	0.57305	0.03152	0.27917	0.02780	0.47870	0.02909	0.18285	0.02125	0.11224	0.02469	0.02786	0.00986	0.16265	0.02029
4	64	8	6408	1187	0.54687	0.02653	0.25679	0.02388	0.45118	0.02945	0.16676	0.02180	0.19899	0.03190	0.06367	0.01644	0.17602	0.02194
4	64	9	6409	2609	0.57882	0.02567	0.28650	0.02501	0.43786	0.02880	0.15596	0.01908	0.15116	0.01899	0.03881	0.00926	0.15882	0.02325
4	65	1	6501	1725	0.53473	0.02752	0.24997	0.02313	0.38465	0.02471	0.12409	0.01566	0.08603	0.01535	0.01740	0.00476	0.16047	0.02039
4	65	2	6502	1747	0.57395	0.03104	0.27929	0.02671	0.40841	0.02394	0.13844	0.01457	0.09390	0.01376	0.02238	0.00615	0.14995	0.01822
4	65	3	6503	226	0.60582	0.03407	0.30715	0.03584	0.45684	0.04465	0.17011	0.03426	0.09825	0.02989	0.02086	0.01166	0.08472	0.01969

Geographic/administrative information					Measures of undernutrition												Diarrhea	
					Stunting		Severe stunting		Underweight		Severe underweight		Wasting		Severe wasting			
Region	dcode	Ilaka	ilakaid	Number of children under five	S2	seS2	S3	seS3	U2	seU2	U3	seU3	W2	seW2	W3	seW3	D	seD
4	65	4	6504	109	0.57266	0.05184	0.28389	0.04852	0.39746	0.04531	0.13460	0.03219	0.07250	0.02862	0.01375	0.01203	0.09026	0.01951
4	65	5	6505	1252	0.57857	0.02803	0.28334	0.02710	0.40940	0.02353	0.14119	0.01594	0.13457	0.01900	0.03268	0.00778	0.19007	0.02510
4	65	6	6506	907	0.57746	0.02939	0.28303	0.02858	0.48144	0.02851	0.18822	0.02352	0.17420	0.02063	0.05010	0.00966	0.20518	0.02390
4	65	7	6507	941	0.56674	0.03173	0.27423	0.02898	0.42371	0.02989	0.14823	0.01973	0.12447	0.01578	0.03327	0.00774	0.17246	0.02280
4	65	8	6508	1003	0.57239	0.03512	0.27802	0.03257	0.43335	0.03195	0.15120	0.02023	0.13912	0.02363	0.03469	0.00919	0.20825	0.02851
4	65	9	6509	705	0.54646	0.03714	0.25866	0.03246	0.40661	0.02767	0.13706	0.02020	0.11907	0.01508	0.02997	0.00684	0.18904	0.02462
4	66	1	6601	768	0.47739	0.03800	0.21393	0.02712	0.35964	0.02738	0.12204	0.01741	0.09946	0.02405	0.02034	0.00773	0.15096	0.02062
4	66	2	6602	749	0.54855	0.03490	0.25990	0.03247	0.41670	0.02508	0.14444	0.01812	0.11411	0.02071	0.02581	0.00807	0.17118	0.02105
4	66	3	6603	279	0.52624	0.04367	0.24310	0.03562	0.38836	0.04051	0.12648	0.02769	0.07853	0.02431	0.01534	0.00918	0.06666	0.02209
4	66	4	6604	622	0.55957	0.03810	0.27037	0.03182	0.39976	0.03011	0.13184	0.02050	0.09295	0.02091	0.01899	0.00775	0.18482	0.02298
4	66	5	6605	898	0.57810	0.03245	0.28394	0.02951	0.47124	0.02985	0.18358	0.02400	0.17834	0.02166	0.05665	0.01372	0.11728	0.01778
4	66	6	6606	727	0.56874	0.03176	0.27965	0.02906	0.45264	0.03010	0.16822	0.02034	0.13918	0.02121	0.03471	0.00985	0.17806	0.02343
4	66	7	6607	760	0.56493	0.03617	0.27448	0.03475	0.44677	0.02767	0.16285	0.01986	0.10722	0.02074	0.02280	0.00861	0.17526	0.02453
4	66	8	6608	1643	0.59055	0.03237	0.29340	0.02982	0.40164	0.02566	0.13180	0.01686	0.12283	0.01932	0.02780	0.00738	0.17151	0.02522
4	66	9	6609	945	0.57226	0.03322	0.27860	0.03184	0.41201	0.02654	0.13605	0.01684	0.16181	0.02367	0.04105	0.00999	0.16304	0.02431
5	67	1	6701	2247	0.52653	0.02833	0.24461	0.02411	0.39367	0.02402	0.13181	0.01528	0.08764	0.01585	0.01842	0.00555	0.15395	0.01435
5	67	2	6702	1855	0.57269	0.02977	0.28112	0.02817	0.43893	0.02712	0.15265	0.01837	0.09915	0.01890	0.01996	0.00609	0.14345	0.01830
5	67	3	6703	1860	0.57503	0.02946	0.28225	0.02739	0.46193	0.02812	0.17167	0.02149	0.13228	0.01683	0.03249	0.00712	0.15506	0.01877
5	67	4	6704	1480	0.56922	0.03002	0.27640	0.02819	0.47294	0.02837	0.18212	0.02151	0.14641	0.02112	0.03996	0.00969	0.14474	0.01816
5	67	5	6705	1926	0.56132	0.03118	0.26908	0.02691	0.38783	0.02662	0.12472	0.01619	0.06627	0.01514	0.01138	0.00405	0.15257	0.02005
5	67	6	6706	1593	0.56930	0.03042	0.27771	0.02905	0.40040	0.02495	0.13243	0.01659	0.05941	0.01210	0.00948	0.00384	0.17274	0.01961
5	67	7	6707	2196	0.60015	0.02988	0.30422	0.02754	0.43805	0.02708	0.15734	0.01877	0.09759	0.01666	0.02027	0.00604	0.17799	0.02060
5	67	8	6708	3033	0.59120	0.02986	0.29788	0.02868	0.47316	0.02709	0.17852	0.02071	0.11184	0.01396	0.02379	0.00522	0.15822	0.01842
5	67	9	6709	2735	0.58442	0.02955	0.29124	0.02783	0.43264	0.02704	0.15111	0.01706	0.06270	0.01158	0.01053	0.00309	0.18317	0.02229
5	68	1	6801	2016	0.58183	0.02805	0.29059	0.02669	0.42206	0.02762	0.14637	0.01821	0.08901	0.01912	0.01852	0.00665	0.14194	0.01854
5	68	2	6802	2092	0.58255	0.02900	0.28737	0.02746	0.41103	0.02630	0.13838	0.01715	0.09518	0.01488	0.02007	0.00533	0.15575	0.01998
5	68	3	6803	3146	0.55593	0.02323	0.27158	0.02057	0.45229	0.02577	0.16899	0.01910	0.12024	0.02258	0.02763	0.00812	0.16180	0.01759
5	68	4	6804	1243	0.55581	0.03132	0.26874	0.02767	0.44231	0.02837	0.15884	0.01918	0.10832	0.01530	0.02314	0.00596	0.16535	0.01790
5	68	5	6805	2069	0.55713	0.03028	0.26831	0.02814	0.44056	0.02605	0.15580	0.01762	0.08749	0.01622	0.01839	0.00603	0.15825	0.01812
5	68	6	6806	2001	0.58560	0.02950	0.28880	0.02831	0.46904	0.02781	0.17579	0.02119	0.08971	0.01537	0.01749	0.00453	0.20778	0.02535
5	68	7	6807	1731	0.58357	0.03294	0.29014	0.03075	0.47893	0.02823	0.18463	0.02276	0.11144	0.01914	0.02447	0.00673	0.16207	0.01994
5	68	8	6808	3116	0.57999	0.02598	0.28662	0.02481	0.44651	0.02638	0.16350	0.02008	0.12448	0.01548	0.02898	0.00607	0.15425	0.02048
5	68	9	6809	2223	0.59959	0.03122	0.30268	0.02990	0.46103	0.02700	0.16943	0.02039	0.11166	0.01501	0.02574	0.00529	0.16476	0.01983
5	68	10	6810	3789	0.58279	0.02813	0.28924	0.02744	0.45300	0.02629	0.16628	0.01919	0.10676	0.01673	0.02348	0.00584	0.15398	0.02022
5	68	11	6811	3735	0.56320	0.03051	0.27445	0.02636	0.44643	0.02872	0.16201	0.01913	0.13028	0.01730	0.03029	0.00672	0.15721	0.01997
5	69	1	6901	3277	0.55065	0.03157	0.26199	0.02757	0.36807	0.02871	0.11438	0.01629	0.10164	0.01368	0.02182	0.00451	0.13988	0.02040
5	69	2	6902	2006	0.49288	0.02964	0.22015	0.02287	0.32192	0.02090	0.09101	0.01160	0.10207	0.01164	0.02291	0.00478	0.13590	0.01530
5	69	3	6903	1767	0.50508	0.03071	0.22624	0.02453	0.29599	0.02333	0.07856	0.01156	0.08977	0.01284	0.01827	0.00472	0.14010	0.01601
5	69	4	6904	3063	0.52262	0.02803	0.23925	0.02467	0.27812	0.02244	0.07075	0.00987	0.06102	0.00713	0.01041	0.00219	0.18778	0.02493

Geographic/administrative information					Measures of undernutrition												Diarrhea	
					Stunting		Severe stunting		Underweight		Severe underweight		Wasting		Severe wasting			
Region	dcode	Ilaka	ilakaid	Number of children under five	S2	seS2	S3	seS3	U2	seU2	U3	seU3	W2	seW2	W3	seW3	D	seD
5	69	5	6905	1620	0.47971	0.02957	0.20753	0.02278	0.29735	0.01975	0.07842	0.00868	0.09661	0.01031	0.01997	0.00488	0.14328	0.01447
5	69	6	6906	3399	0.51042	0.02694	0.23023	0.02169	0.38475	0.02474	0.12486	0.01352	0.10180	0.01524	0.02211	0.00563	0.16694	0.01884
5	69	7	6907	2287	0.51490	0.03262	0.23230	0.02622	0.36833	0.02203	0.11581	0.01374	0.10557	0.01358	0.02196	0.00470	0.14054	0.01630
5	69	8	6908	3683	0.49139	0.02640	0.22100	0.02155	0.36949	0.01907	0.11752	0.01251	0.12508	0.01165	0.02820	0.00495	0.16083	0.01649
5	69	9	6909	1985	0.52048	0.03286	0.23889	0.02620	0.40631	0.02516	0.13516	0.01593	0.11446	0.01483	0.02550	0.00550	0.14384	0.01512
5	69	10	6910	3817	0.54143	0.02835	0.25296	0.02725	0.39802	0.02552	0.13003	0.01554	0.12971	0.01405	0.03039	0.00545	0.16516	0.02257
5	69	11	6911	2773	0.51532	0.02750	0.23357	0.02343	0.37031	0.02397	0.11656	0.01320	0.10231	0.01134	0.02154	0.00420	0.14422	0.01761
5	69	12	6912	3715	0.53641	0.02719	0.24819	0.02401	0.36214	0.02541	0.11262	0.01398	0.10679	0.01131	0.02345	0.00454	0.12749	0.01783
5	69	13	6913	2989	0.50750	0.02513	0.22781	0.02073	0.42158	0.02298	0.14711	0.01588	0.13274	0.01270	0.03148	0.00551	0.14247	0.01806
5	70	1	7001	1077	0.55488	0.03713	0.26341	0.03342	0.33320	0.02650	0.09725	0.01465	0.10042	0.01264	0.02198	0.00536	0.11466	0.01809
5	70	2	7002	3141	0.54126	0.03424	0.25462	0.02923	0.37965	0.02468	0.11981	0.01419	0.10412	0.01439	0.02158	0.00535	0.12856	0.01512
5	70	3	7003	4415	0.54039	0.03042	0.25307	0.02571	0.34882	0.02549	0.10383	0.01292	0.08695	0.01138	0.01701	0.00363	0.16202	0.02031
5	70	4	7004	3204	0.55460	0.03428	0.26503	0.02962	0.35159	0.02467	0.10473	0.01409	0.10286	0.01526	0.02178	0.00509	0.14191	0.01833
5	70	5	7005	2994	0.52986	0.03348	0.24583	0.02797	0.35262	0.02314	0.10723	0.01388	0.10156	0.01345	0.02162	0.00497	0.13759	0.01476
5	70	6	7006	1762	0.42031	0.02780	0.16608	0.01834	0.31816	0.02560	0.08933	0.01287	0.08732	0.01113	0.01727	0.00427	0.12587	0.01750
5	70	7	7007	1979	0.46471	0.02764	0.19498	0.02087	0.35777	0.02105	0.10736	0.01249	0.11723	0.01458	0.02554	0.00525	0.12992	0.01630
5	70	8	7008	2407	0.49648	0.02758	0.21766	0.02040	0.35767	0.01919	0.10742	0.01173	0.12188	0.01690	0.02748	0.00645	0.13137	0.01792
5	70	9	7009	1439	0.49735	0.02867	0.22070	0.02496	0.35594	0.02216	0.10711	0.01313	0.11672	0.01081	0.02575	0.00480	0.13579	0.01811
5	70	10	7010	3147	0.54595	0.03428	0.25840	0.02993	0.36388	0.02473	0.11050	0.01474	0.11000	0.01485	0.02420	0.00528	0.13637	0.01683
5	70	11	7011	2176	0.52170	0.03376	0.23681	0.02766	0.28950	0.02128	0.07528	0.00964	0.07159	0.00988	0.01246	0.00316	0.13569	0.01483
5	70	12	7012	2849	0.46584	0.02486	0.20372	0.02064	0.32031	0.01772	0.09418	0.01018	0.13126	0.01694	0.03253	0.00663	0.12011	0.02207
5	71	1	7101	1727	0.40595	0.03032	0.15852	0.01789	0.30609	0.02336	0.08558	0.01277	0.13758	0.01880	0.04076	0.01262	0.12906	0.01727
5	71	2	7102	4374	0.41156	0.02584	0.16172	0.01736	0.31403	0.02449	0.09145	0.01250	0.14544	0.01670	0.04619	0.01246	0.13832	0.01683
5	71	3	7103	5373	0.45372	0.03060	0.18903	0.02129	0.30670	0.02161	0.08586	0.01019	0.10653	0.01114	0.02927	0.00630	0.15441	0.02202
5	71	4	7104	8196	0.41246	0.03437	0.16188	0.02200	0.27672	0.02089	0.07080	0.00893	0.09838	0.01076	0.02311	0.00448	0.13968	0.01654
5	71	5	7105	5273	0.45440	0.03057	0.18863	0.02212	0.27939	0.02687	0.07361	0.01086	0.09518	0.01536	0.02062	0.00503	0.13919	0.02528
5	71	6	7106	5564	0.40785	0.02742	0.15916	0.01896	0.25346	0.02497	0.06305	0.01027	0.12177	0.01463	0.03431	0.00823	0.13011	0.02138
5	71	7	7107	2550	0.40829	0.03153	0.15932	0.02063	0.29261	0.02240	0.07957	0.01030	0.14797	0.01454	0.04224	0.00832	0.12599	0.02661
5	71	8	7108	3669	0.39679	0.02803	0.15359	0.01813	0.30120	0.02242	0.08539	0.01199	0.16882	0.02119	0.05746	0.01659	0.15007	0.02199
5	71	9	7109	4259	0.41054	0.02865	0.16149	0.01944	0.29686	0.02103	0.08456	0.01163	0.16544	0.01972	0.05363	0.01540	0.12745	0.01932
5	71	10	7110	5107	0.40646	0.02430	0.15700	0.01517	0.25018	0.02121	0.06060	0.00843	0.09618	0.01026	0.02249	0.00387	0.10716	0.01561
5	71	11	7111	7432	0.42615	0.02637	0.17243	0.01840	0.27135	0.01632	0.06822	0.00688	0.08225	0.00953	0.01674	0.00304	0.12847	0.01343
5	71	12	7112	4698	0.46451	0.03099	0.19664	0.02188	0.28963	0.02394	0.07824	0.01004	0.08289	0.01272	0.01574	0.00366	0.13132	0.02115
5	71	13	7113	2904	0.38313	0.03391	0.14591	0.02102	0.24672	0.02373	0.05842	0.00960	0.10388	0.01217	0.02232	0.00392	0.12123	0.01788
5	71	14	7114	8492	0.31280	0.02183	0.10647	0.01234	0.21384	0.02511	0.04762	0.00834	0.11964	0.01453	0.02847	0.00515	0.11052	0.01724
5	71	15	7115	4616	0.37738	0.02441	0.14172	0.01605	0.28235	0.02231	0.07538	0.00985	0.11055	0.01097	0.02792	0.00647	0.08483	0.01661
5	72	1	7201	5582	0.42623	0.02361	0.17120	0.01603	0.27703	0.02761	0.07088	0.01171	0.09248	0.01265	0.02068	0.00442	0.14200	0.02329
5	72	2	7202	4360	0.39186	0.02174	0.14956	0.01463	0.21333	0.01553	0.04670	0.00582	0.09160	0.00955	0.01996	0.00408	0.12966	0.01258
5	72	3	7203	3134	0.43000	0.02413	0.17261	0.01655	0.22507	0.02015	0.04997	0.00724	0.07809	0.01025	0.01531	0.00335	0.13652	0.01386

Geographic/administrative information					Measures of undernutrition												Diarrhea	
					Stunting		Severe stunting		Underweight		Severe underweight		Wasting		Severe wasting			
Region	dcode	Ilaka	ilakaid	Number of children under five	S2	seS2	S3	seS3	U2	seU2	U3	seU3	W2	seW2	W3	seW3	D	seD
5	72	4	7204	3400	0.40391	0.02490	0.15578	0.01582	0.29312	0.02221	0.08113	0.01145	0.14647	0.01814	0.04688	0.01277	0.17623	0.02081
5	72	5	7205	2352	0.42544	0.03814	0.17095	0.02519	0.29834	0.02737	0.08120	0.01330	0.11502	0.01615	0.03056	0.00808	0.15447	0.02415
5	72	6	7206	4485	0.39846	0.02494	0.15444	0.01585	0.27237	0.01874	0.06952	0.00791	0.10557	0.01127	0.02540	0.00527	0.14631	0.01814
5	72	7	7207	4357	0.37434	0.02952	0.13870	0.01780	0.24834	0.02896	0.06075	0.01215	0.08964	0.01283	0.02106	0.00550	0.12833	0.01668
5	72	8	7208	8839	0.32170	0.02358	0.11070	0.01310	0.31476	0.02690	0.09225	0.01281	0.15853	0.01827	0.04276	0.00813	0.11624	0.02179
5	72	10	7210	2015	0.34455	0.03430	0.12306	0.01993	0.32443	0.02611	0.09200	0.01327	0.13297	0.01541	0.03276	0.00706	0.15138	0.01810
5	72	11	7211	5434	0.41783	0.02613	0.16564	0.01744	0.29400	0.02707	0.07926	0.01179	0.11193	0.01332	0.02811	0.00609	0.16721	0.02102
5	73	1	7301	2177	0.38207	0.02373	0.14837	0.01677	0.29069	0.02003	0.07528	0.00864	0.09472	0.01122	0.02026	0.00437	0.10544	0.01921
5	73	2	7302	1146	0.49718	0.03483	0.22001	0.02595	0.31371	0.02450	0.08573	0.01157	0.06651	0.01216	0.01095	0.00369	0.13253	0.01392
5	73	3	7303	1885	0.50200	0.03903	0.22357	0.03006	0.34511	0.02385	0.10100	0.01314	0.09061	0.01148	0.01772	0.00443	0.14890	0.01404
5	73	4	7304	1432	0.48194	0.03362	0.20981	0.02628	0.28035	0.02041	0.07130	0.00963	0.06334	0.00913	0.01040	0.00283	0.16002	0.01645
5	73	5	7305	649	0.43710	0.04021	0.17898	0.02809	0.29477	0.03386	0.07726	0.01527	0.07532	0.01538	0.01225	0.00496	0.15219	0.02377
5	73	6	7306	6413	0.44451	0.02656	0.18313	0.01871	0.32781	0.01784	0.09341	0.00846	0.11568	0.00967	0.02618	0.00374	0.16138	0.01752
5	73	7	7307	1662	0.46457	0.02806	0.19584	0.02063	0.31895	0.02463	0.08829	0.01301	0.07817	0.00964	0.01468	0.00364	0.16187	0.01886
5	73	8	7308	936	0.47706	0.03720	0.20460	0.02842	0.31317	0.02519	0.08492	0.01345	0.09276	0.01703	0.01962	0.00565	0.15019	0.01901
5	73	9	7309	866	0.43234	0.03234	0.17594	0.02362	0.29233	0.02384	0.07579	0.01132	0.06897	0.01200	0.01185	0.00413	0.16150	0.01793
5	74	1	7401	1788	0.45797	0.02904	0.19001	0.02092	0.35272	0.03065	0.10597	0.01610	0.08479	0.01051	0.01648	0.00375	0.17904	0.02275
5	74	2	7402	2286	0.44697	0.02800	0.18633	0.02097	0.30676	0.02289	0.08410	0.01125	0.07797	0.00995	0.01407	0.00286	0.19402	0.01902
5	74	3	7403	2031	0.44251	0.02887	0.18048	0.02045	0.31507	0.02672	0.08802	0.01300	0.07675	0.00970	0.01386	0.00292	0.19181	0.02501
5	74	4	7404	2358	0.50056	0.02904	0.22157	0.02364	0.38240	0.02274	0.12181	0.01432	0.10739	0.01531	0.02367	0.00546	0.17486	0.01854
5	74	5	7405	2428	0.47364	0.02745	0.20369	0.02156	0.38787	0.02260	0.12646	0.01434	0.11951	0.01418	0.02745	0.00553	0.15341	0.01595
5	74	6	7406	1667	0.35000	0.02899	0.12509	0.01649	0.31893	0.02706	0.08752	0.01324	0.10790	0.01249	0.02254	0.00502	0.13123	0.02590
5	74	7	7407	2027	0.45590	0.02688	0.19191	0.01985	0.32710	0.02655	0.09254	0.01445	0.07646	0.01068	0.01380	0.00338	0.20118	0.01936
5	74	8	7408	2360	0.48709	0.02914	0.21111	0.02300	0.35112	0.02842	0.10291	0.01471	0.11704	0.01410	0.02561	0.00492	0.17551	0.01997
5	74	9	7409	3453	0.49848	0.02729	0.21900	0.02311	0.32384	0.02423	0.09166	0.01232	0.12076	0.01296	0.02662	0.00445	0.16948	0.02080
5	74	10	7410	2143	0.45781	0.02909	0.19313	0.02105	0.33429	0.02495	0.09719	0.01214	0.10323	0.01071	0.02230	0.00450	0.19308	0.02118
5	74	11	7411	3414	0.45285	0.02536	0.18720	0.01834	0.36752	0.02277	0.11393	0.01379	0.12648	0.01337	0.02895	0.00520	0.16405	0.01835
5	74	12	7412	2519	0.47942	0.02673	0.20602	0.02044	0.35752	0.02491	0.10904	0.01338	0.11755	0.01277	0.02588	0.00458	0.16366	0.01851
5	74	13	7413	3504	0.49059	0.02926	0.21350	0.02252	0.29448	0.02111	0.07956	0.01003	0.09983	0.01402	0.02104	0.00474	0.14946	0.01934
5	75	1	7501	851	0.49929	0.03024	0.21982	0.02122	0.40426	0.03060	0.13646	0.02060	0.07788	0.01429	0.01513	0.00513	0.15203	0.02041
5	75	2	7502	1327	0.48824	0.03173	0.21340	0.02410	0.38263	0.03125	0.12241	0.01958	0.10592	0.01435	0.02732	0.00688	0.18048	0.02431
5	75	3	7503	1644	0.42360	0.03878	0.17159	0.02445	0.35838	0.03231	0.11123	0.01761	0.14073	0.01821	0.03628	0.00858	0.26548	0.02704
5	75	4	7504	1573	0.47331	0.03108	0.20588	0.02272	0.39448	0.03308	0.13183	0.02239	0.11022	0.01487	0.02399	0.00620	0.21396	0.02653
5	75	5	7505	862	0.41512	0.03746	0.16696	0.02426	0.43915	0.03523	0.16142	0.02405	0.14192	0.01965	0.03474	0.00797	0.22411	0.03047
5	75	6	7506	734	0.51049	0.03050	0.22960	0.02359	0.44555	0.03501	0.15924	0.02537	0.13641	0.01746	0.03237	0.00725	0.18312	0.02377
5	75	7	7507	2171	0.52188	0.02931	0.23828	0.02356	0.41377	0.03106	0.14186	0.02055	0.10854	0.01101	0.02263	0.00382	0.17523	0.02069
5	75	8	7508	1220	0.49304	0.03392	0.21854	0.02405	0.40966	0.03528	0.14137	0.02374	0.14713	0.01675	0.03806	0.00901	0.21526	0.02961
5	75	9	7509	1491	0.52633	0.03168	0.24517	0.02472	0.40729	0.02662	0.13495	0.01645	0.09673	0.01382	0.02013	0.00521	0.16696	0.01970
5	75	10	7510	1775	0.52250	0.02752	0.23913	0.02230	0.41632	0.03149	0.14076	0.02100	0.07773	0.01360	0.01453	0.00375	0.17839	0.02319
5	75	11	7511	2467	0.56483	0.02813	0.27386	0.02537	0.37104	0.02914	0.11348	0.01680	0.08606	0.01258	0.01631	0.00373	0.21419	0.03108

Appendix E. List of people consulted

Name	Position
Central Bureau of Statistics (CBS), Government of Nepal	
Bikash Bista	Director General
Rudra Suwal	Deputy Director General
Dilli Raj Joshi	Director
Devendra Karanjit	Director
Krishna Raj Pandey	Senior Officer
Bed Prasad Dhakal	Statistical Officer
Lok Bahadur Khatri	Statistical Officer
Deenanath Lamsal	Statistical Officer
Choodamani Luitel	Supervisor
Pushpa Raj Poudel	Computer Officer
Chet Bahadur Roka	Statistical Officer
Shantwana Sharma	Statistical Officer
Shiv Lal Sharma	Statistical Officer
National Planning Commission (NPC) Secretariat, Government of Nepal	
Pushpa Lal Shakya	Joint Secretary
Jagannath Adhikari	Program Director
Radha Krishna Pradhan	Program Director
Prakash Kharel	Program Director
Mahesh Kharel	Program Director
Prabha Baral	Senior Officer
Vishnu Devi Paudyal	Program Officer
Ministry of Agricultural Development, Government of Nepal	
Naina Dhakal	Senior Agricultural Economist
Badri Khanal	Agricultural Economist
Ministry of Federal Affairs and Local Development, Government of Nepal	
Lalit Kumar Basnet	Senior Officer
REACH, National Nutrition and Food Security Secretariat/NPC	
Jhabindra Bhandari	National Facilitator
Min Raj Gyawali	Programme Officer
Kshitij Yadav	Programme Officer
Savita Malla	Communication Specialist
Madhu Subedi	Programme Officer
Satya Tamata	Programme Assistant
Mani Tamang	Administrative Assistant
Sagar Shrestha	Administrative Assistant
Kanchi Tamang	Administrative Assistant

World Food Programme (WFP)

Kurt Burja	Head, Food Security Monitoring and Analysis Unit
Pushpa Shrestha	Programme Officer (NeKSAP National Coordinator)
Abesh KC	Programme Officer (Information Management)
Sridhar Thapa	Programme Officer (VAM/Market)
Man Kshetri	GIS Analyst
Siemon Hollema	Regional VAM Advisor (Bangkok)
Astrid Mathiassen	Senior Advisor, Food Security Analysis (Rome)

UNICEF

Saba Mebrahtu	Chief, Nutrition Section
Anirudra Sharma	Nutrition Specialist
Sanjay Rijal	MIS/Statistical Analyst

World Bank

Manav Bhattarai	Health Specialist (Nepal)
Bert Voetherg	Lead Health Specialist (Washington DC)

IDPG Working Group: Statistics and Evidence for Policy, Planning and Results (SEPPR), Nepal

Andy Murray	Statistical Advisor and Results Lead (DfID, Nepal)
Ashok Vaidya	M & E Specialist (UNICEF, Nepal)
Dharma Swarnakar	Programme Analyst (UNDP, Nepal)
Basudeb Guha-Khasnobis	Resident Senior Economist (UNDP, Nepal)
Andrew Nelson	Mission Economist (USAID, Nepal)
Indra Sharan KC	GIS Specialist (USAID, Nepal)
Chandan Sapkota	Economics Officer (ADB, Nepal)
Bimala Rai Paudyal	Programme Management Specialist (SDC, Nepal)
Minamma Rai	Coordination Analyst (UN Resident Coordinator's Office, Nepal)
Shailee Manandhar	Result and Corporate Delivery Manager (DfID, Nepal)

New ERA Nepal

Rajendra Dangol	Senior Programmer, Data Analyst
Sarita Vaidya	Deputy Data Processing Officer
Sachin Shrestha	Research Assistant

Appendix F. Ilaka to VDC/Municipality Codebook

District	Ilaka code	Constituent VDCs/Municipalities
Taplejung	101	Khewang, Mamankhe, Surumakhim, Yamfudin
Taplejung	102	Ankhop, Kalikhola, Sadewa
Taplejung	103	Limbudin, Sawalakhu, Sinam, Thumbedin
Taplejung	104	Ambegudin, Mehele, Pedang, Sikaicha, Tellok
Taplejung	105	Chaksibote, Dumise, Nankholyang, Phawakhola, Thechambu, Tiringe
Taplejung	106	Dokhu, Hangdeva, Linkhim, Phungling, Phurumbu
Taplejung	107	Khejenim, Khokling, Liwang, Sawadin
Taplejung	108	Ekhabu, Lelep, Olangchunggola, Tapethok
Taplejung	109	Lingtep, Nalbu, Papung, Sanwa, Thukima
Taplejung	110	Khamlung, Phakumba, Sangu, Santhakra, Thinglabu
Taplejung	111	Change, Dhungesaghu, Hangpang, Nidhuradin, Phulbari
Panchthar	202	Amarpur, Nagi, Panchami, Sumang
Panchthar	203	Ekteen, Memeng, Prangbung, Sidin
Panchthar	204	Lungrupa, Nangeen, Yanganam
Panchthar	205	Bharapa, Phidim, Ranitar
Panchthar	206	Chokmagu, Luwamfu, Nawamidanda, Siwa
Panchthar	207	Aangsarang, Chilingdin, Embung, Pauwasartap, Phaktep
Panchthar	208	Mangjabung, Ranigaun, Syangrumba, Yasok
Panchthar	209	Aangna, Hangum, Mauwa, Olane
Panchthar	210	Aarubote, Rabi, Sarangdanda
Panchthar	211	Durdimba, Kurumba, Limba
Ilam	301	Barbote, Soyang
Ilam	302	Gorkhe, Jogmai, Namsaling, NayaBazar, Pyang
Ilam	303	Kanyam, PasupatiNagar, PhikalBazar, Samalbung, ShreeAntu
Ilam	304	Chisapani, Danabari, Goduk, Laxmipur, Panchkanya
Ilam	305	Erautar, Jirmale, Kolbung, Shantipur
Ilam	306	Dhuseni, Ebhang, Gajurmukhi, Lumde, Phuyatappa
Ilam	307	Amchok, Ektappa, Mangalbare, Phakphok
Ilam	308	Chameta, Maipokhari, Puwamajhuwa, Sakhejung
Ilam	309	Jamuna, Mabu, Maimajhuwa, Sulubung, Sumbek
Ilam	310	Jitpur, Sangrumba, Shantidanda, Siddhithumka, Soyak
Ilam	311	Bajho, Chulachuli, Mahamai, Sakfara
Ilam	312	Ilam N.P.
Jhapa	401	Baniyani, Kechana, Pathamari, Prithivinagar
Jhapa	402	Balubari, Goldhap, Jalthal, Pathariya
Jhapa	403	Haldibari, Maheshpur
Jhapa	404	Anarmani, Garamani
Jhapa	405	Arjundhara, Sanischare
Jhapa	406	Budhabare, Khudunabari, Shantinagar
Jhapa	407	Chandragadhi, Dhaijan, Duwagadhi
Jhapa	408	Bahundangi, Jyamirgadhi
Jhapa	409	Chakchaki, Gherabari, Rajgadh
Jhapa	410	Charpane, Dangibari, Ghailadubba
Jhapa	411	Kumarkhod, Sharanamati, Surunga, Tagandubba
Jhapa	412	Dharampur, Satasidham
Jhapa	413	Mahabhara, Panchgachhi, Shivaganj

District	Ilaka code	Constituent VDCs/Municipalities
Jhapa	414	Baigundhura, Topgachchi
Jhapa	415	Gauriganj, Khajurgachhi, Kohabara, Korobari
Jhapa	416	Gauradaha, Juropani, Maharanijhoda
Jhapa	417	Lakhanpur
Jhapa	418	Bhadrapur N.P.
Jhapa	419	Damak N.P.
Jhapa	420	Mechinagar N.P.
Morang	501	Baradanga, Itahara, Jhurkiya, Mahadewa, Sijuwa
Morang	502	Amgachhi, Dainiya, Govindapur, Rangeli, Takuwa
Morang	503	Amardaha, Hasandaha, Sanischare
Morang	504	Pathari, Rajghat, Urlabari
Morang	505	Jante, Madhumalla, Ramitekhola, Tandi
Morang	506	Bahuni, Bayarban, Hoklabari, Keroun
Morang	507	Amahibariyati, Babiyabirta, Drabesh, Sorabhag
Morang	508	Dadarbairiya, Kadamaha, Necha, Pokhariya, Sisawanijahada
Morang	509	Belbari, Dangihat, Kaseni, Letang, Warangi
Morang	510	Bhogateni, Kerabari, Patigaun, Singhadevi, Yangshila
Morang	511	Dulari, Haraicha, Indrapur, Mrigauliya, Sundarpur
Morang	512	Bhaudaha, Motipur, Thalaha
Morang	513	Katahari
Morang	514	Budhanagar, Majhare, Matigachha
Morang	515	Baijanathpur, Jhorahat
Morang	516	Banigama, Lakhantari, Sidharaha, Tetariya
Morang	517	Dangraha, Hathimudha, Sisabanibadahara, Tankisinuwari
Morang	518	Biratnagar N.P.
Sunsari	600	Koshi Tappu Wildlife
Sunsari	601	Panchkanya
Sunsari	602	Bishnupaduka
Sunsari	603	Barahachhetra, Mahendranagar
Sunsari	604	Bakalauri, Bharaul
Sunsari	605	Hanshposha, Khanar
Sunsari	606	Madhelee, Simariya, Sonapur, Tanamuna
Sunsari	607	Bhaluwa, Chhitaha, Duhabi, Purbakushaha
Sunsari	608	Amaduwa, Amahibelaha, Chimdi, Ramganj Belgachhi
Sunsari	609	Aekamba, Bhadgau Sinawari, Chadwela, Pakali, Singiya
Sunsari	610	Babiya, Jalpapur, Madhesa
Sunsari	611	Aurabarni, Gautampur, Ramganj Senuwari, Santerjhora
Sunsari	612	Dewanganj, Kaptanganj, Madhyeharsahi, Sahebganj
Sunsari	613	Bhokraha, Dumaraha, Madhuwan, Prakashpur
Sunsari	614	Haripur, Laukahi, PaschimKasuha, Sripurjabdi
Sunsari	615	Basantapur, Dhuskee, Harinagara, Narshinhatappu, Ramnagar Bhutaha
Sunsari	616	Dharan N.P.
Sunsari	617	Inaruwa N.P.
Sunsari	618	Itahari N.P.
Dhankuta	701	Basantatar, Budhabare, Kuruletenupa, Mudebas
Dhankuta	702	Bodhe, Mounabudhuk, Rajarani
Dhankuta	703	BudiMorang, Danda Bazar, Faksib, Khuwafok
Dhankuta	704	Ahale, Mahabharat, Vedetar

District	Ilaka code	Constituent VDCs/Municipalities
Dhankuta	705	Ankhisalla, Chhintang
Dhankuta	706	Belhara
Dhankuta	707	Chungwang, Khoku, Muga
Dhankuta	708	Bhirgaun, Parewadin, Tankhuwa, Telia
Dhankuta	709	Falate, Ghorlikharka, Pakhribas, Sanne
Dhankuta	710	Arkhaule Jitpur, Hathikharka, Leguwa, Murtidhunga
Dhankuta	711	Chanuwa, Dandagoun, Marek Katahare
Dhankuta	712	Dhankuta N.P.
Terhathum	801	Myanglung, Piple, Tamfula
Terhathum	802	Ambung, Jirikhinti, Sabla
Terhathum	803	Solma, Sungnam
Terhathum	804	Basantapur, Dangapa, Phulek
Terhathum	805	Okhare, Panchakanya Pokhari, Sudap
Terhathum	806	Angdeem, Hamarjung, Phakchamara
Terhathum	807	Morahang, Pouthak, Shree Jung
Terhathum	808	Jaljale, Oyakjung, Simle
Terhathum	809	Eseebu, Khamlalung, Samdu
Terhathum	810	Chuhandanda, Sankranti Bazar, Thoklung
Terhathum	811	Chhatedhunga, Ewa, Hwaku
Sankhuwasabha	901	Chepuwa, Hatiya, Keemathnka, Pawakhola
Sankhuwasabha	902	Makalu, Num, Pathibhara, Yafu
Sankhuwasabha	903	Bala, Mangtewa, Sisuwakhola, Tamku
Sankhuwasabha	904	Diding, Matsyapokhari, Sitalpati
Sankhuwasabha	905	Bahrabise, Dhupu, Sabhapokhari
Sankhuwasabha	906	Khandbari N.P.
Sankhuwasabha	907	Bana, Jaljala, Syabun
Sankhuwasabha	908	Nundhaki, Siddhakali, Siddhapokhari
Sankhuwasabha	909	Chainpur, Madi Rambeni, Mawadin
Sankhuwasabha	910	Ankhibhui, Baneswor, Kharang
Sankhuwasabha	911	Madi Mulkharka, Mamling, Tamafok
Bhojpur	1001	Chaukidada, Dobhane, Khatamma, Kulung
Bhojpur	1002	Khartimchha, Kudakkaule, Mulpani, Nepaledada, Tunggechha
Bhojpur	1003	Boya, Deurali, Helauchha, Keemalung, Keurepani, Sangpang
Bhojpur	1004	Champe, Charambi, Jarayotar, Pyauli, Yangpang
Bhojpur	1005	Aamtep, Shyamsila, Tiwari Bhangyan, Yaku
Bhojpur	1006	Basteem, Changre, Sano Dumma, Thulo Dumma
Bhojpur	1007	Bhaisipankha, Bhojpur, Bokhim, Taksar
Bhojpur	1008	Chhinamakhu, Guptesor, Siddheswor, Timma
Bhojpur	1009	Annapurna, Gogane, Khawa, Kota, Nagi
Bhojpur	1010	Bhulke, Dalgaun, Dhodalekhani, Lekharka, Okhre
Bhojpur	1011	Baikunthe, Basikhola, Basingtharpur, Bhubal(Yoon), Mane Bhanjyang
Bhojpur	1012	Hasanpur, Homtang, Khairang, Patlepani, Ranibas, Sindrang
Bhojpur	1013	Dewantar, Dummana, Pangcha, Pawala, Thidingkha, Walangkha
Solukhumbu	1101	Beni, Loding Tamakhani, Salleri, Takasindu
Solukhumbu	1102	Chaurikharka, Jubing, Khumjung, Namche
Solukhumbu	1103	Baku, Basa, Kaku, Mabe(Pawai)
Solukhumbu	1104	Bung, Chheskam, Gudel, Sotang
Solukhumbu	1105	Jubu, Kangel, Lokhim, Panchan

District	Ilaka code	Constituent VDCs/Municipalities
Solukhumbu	1106	Deusa, Garma, Mukali, Nele
Solukhumbu	1107	Nechabatase, Necha Bedghari, Salyan, Tingla
Solukhumbu	1108	Gorakhani, Kerung, Tapting
Solukhumbu	1109	Bhakanje, Chaulakharka, Goli
Okhaldhunga	1201	Diyale, Kuibhir, Mamkha, Pokhare, Ratmata, Serna
Okhaldhunga	1202	Bhadaure, Rumjatar, Taluwa, Thulachhap
Okhaldhunga	1203	Andheri Narayanstha, Barnalu, Jyamire, Okhaldhunga, Salleri
Okhaldhunga	1204	Baruneshwor, Harkapur, Kuntadevi, Prapcha, Shreechaur
Okhaldhunga	1205	Bigutar, Jantarkhani, Palte, Ragadeep
Okhaldhunga	1206	Bhussinga, Khijikati, Khiji Chandeshwori., Khijifalate, Ragani, Rawadolu
Okhaldhunga	1207	Gamnangtar, Narmedeshwor, Pokali, Singhadevi, Tarkerabari, Yasam
Okhaldhunga	1208	Bilandu, Fediguth, Fulbari, Kalikadevi, Palapu, Raniban
Okhaldhunga	1209	Balakhu, Chyanam, Katunje, Mulkharka, Sisneri Mahadevsthan
Okhaldhunga	1210	Madhavpur, Manebhanjyang, Thakle, Thoksel
Okhaldhunga	1211	Baksa, Betini, Ketuke, Moli, Ubu
Khotang	1301	Baksila, Baspani, Khartanchha, Phedi, Sapteswor, Sungdel
Khotang	1302	Ainselukharka, Bakachol, Rakha Bangdel, Rakha Dipsung, Ribdungjaleswor
Khotang	1303	Haunchur, Kharpa, Kuvinde, Magpa, Patheka
Khotang	1304	Dubekoldada, DumreDharapani, Jalapa, Jyamire, R.Maheswori
Khotang	1305	Kharmi, Lamidada, Mangaltar, Nunthala, Salle
Khotang	1306	Badahare, Bahunidanda, Chyasmitar, Dikuwa, Durchhim, Mahadevsthan
Khotang	1307	Bamrang, Diktel, Dorpachiuridada, Khalle, Lafyang, Nerpa, Nirmalidada
Khotang	1308	Arkhaule, Bijayakharka, Buipa, Dhitung, Rajapani
Khotang	1309	Chyandada, Khidima, Mattim Birta, Ratancha Majhagau, Temma, Yamkha
Khotang	1310	Batase, Chhitapokhari, Chhorambu, Chipring, Dandagoun, Sa.Chhitapokhari
Khotang	1311	Badaka Diyale, Indranipokhari, Khotangbazar, Lichkiramche, Sawakatahare, Simpani, Woplukha
Khotang	1312	Barahapokhari, Chisapani, Damarkhushivalaya, Diplung, Kahule, Likuwapokhari
Khotang	1313	Devisthan, Faktang, Mauwabote, Pauwasera, Saunechaur, Suntale, Wopung
Udayapur	1400	Koshi Tappu Wildlife
Udayapur	1401	Katunjebawala, Mainamiani, Tapeswori, Thoksila
Udayapur	1402	Bashaha, Beltar, Chaudandi, Sidhdipur
Udayapur	1403	Hadiya, Jogidaha, Saune, Sundarpur
Udayapur	1404	Jalpachilaune
Udayapur	1405	Aaptar, Khanbu, Laphagau, Pokhari
Udayapur	1406	Balamta, Baraha, Basabote, Tamlida
Udayapur	1407	Bhuttar, Jante, Nametar, Rauta
Udayapur	1408	Iname, Lekhgau, Okhale, Rupatar, Thanagau
Udayapur	1409	Barai, Dumre, Pachchawati, Valayadanda
Udayapur	1410	Katari, Risku, Sirise, Tawashree, Tribeni
Udayapur	1411	Hardeni, Lekhani, Limpatar, ShorungChabise, Yayankhu
Udayapur	1412	Triyuga N.P.
Saptari	1500	Koshi Tappu Wildlife
Saptari	1501	Bhardaha, Gobar Gada, Hanumannagar, Joginiya-2, Madhawapur, Portaha
Saptari	1502	Bairawa, Bakdhauwa, Diman, Lohajara, Mainakaderi, Trikaul
Saptari	1503	Ghoghanpur, Phattepur, Jagatpur, Kamalpur, Odraha, Pipra(Purba)
Saptari	1504	Badgama, Badgama, Baramjhiya, Dharampur, Kanchanpur, Rupnagar, Theliya
Saptari	1505	Dadha, Goithi, Hariharpur, Jandaul, Pakari, Prasabani, Sitapur

District	Ilaka code	Constituent VDCs/Municipalities
Saptari	1506	Bamangamakatti, Bathanaha, Bhagawatpur, Inarwa, Joginiya-1, Komadhepura, Mahadeva
Saptari	1507	Kobarsain, Bishahariya, Deurimaruwa, Koiladi, Launiya, Rampuramalhaniya, Sankarpura, Tilathi
Saptari	1508	Birpur, Chhinnamasta, Fakira, Kochabakhari, Lalapati
Saptari	1509	Boriya, Itahari Bishnupur, Jamunimadhepura, Malekpur, Simraha Sigiyoun
Saptari	1510	Didhawa, Farseth, Maleth
Saptari	1511	Basbiti, Kataiya, Khoksarparbaha, Rayapur, Terahota
Saptari	1512	Aurahi, Banainiya, Bhutahi, Jhutaki, Kabilas, Khadgapur, Nardho, Pato, Tarahi
Saptari	1513	Arnaha, Banaula, Banauli, Belhichapena, Brahmapur, Gamhariya Parwaha, Patthargada
Saptari	1514	Basbalpur, Bhangaha, Inarwa Fulpariya, Kalyanpur, Mainasahasrabahu, Mohanpur, Rampurjamuwa, Sambhunath
Saptari	1515	Belhi, Bodebarsaien, Deuri, Fulkahi, Kachan, Manraja, Mauwaha, Ramnagar, Rautahat
Saptari	1516	Dhanagadi, Khojpur, Malhaniya, Negada, Paterwa, Sarswar, SiswaBeihi, Tikuliya
Saptari	1517	Banarjhula, Daulatpur, Hardiya, Haripur, Kushaha, Madhupati, Malhanama, Pansera, Pipra(West)
Saptari	1518	Rajbiraj N.P.
Siraha	1601	Bastipur, Bhadaiya, Dhodhana, Govindpur Taregana, Padariya Tharutol
Siraha	1602	Bhawanpur Kalabanzar, Brahmagaughadi, Gadha, Sitapur Pra.Ra., Sonmati Majhaura
Siraha	1603	Bhaganpur, Bhagawatipur, Inarwa, Itarhawa, Mahadewa Portaha, Nahara Rigoul, Sakhuwanankarkatti, Sothiyan
Siraha	1604	Bishnupurkatti, Dhanagadi, Govindapur Malahanam, Muksar
Siraha	1605	Bhawanipur, Hanumannagar, Kharukyanhi, Maheshpur Patari, Pipra Pra.Pi, Pokharbhinda, Sisawani
Siraha	1606	Bariyarpatti, Kushahalaxininiya, Laxmipur Patari, Mohanpur Kamalpur, Tenuwapatti, Tulsipur, Vidhyanagar
Siraha	1607	Janakinagar, Jighaul, Kachanari, Majhaura, Mauwahi, Navarajpur
Siraha	1608	Asanpur, Ayodhyanagar, Betauna, Durgapur, Fulkaha Kati, Jamadaha, Lalpur
Siraha	1609	Aurahi, Belhi, Harakatti, Itatar, Kabilasi, Pipra Pra.Dha, Silorba Pachhawari, Sukhipur
Siraha	1610	Arnamalalpur, Gauripur, Hakpara, Krishnapurbirta, Lagadi Gadiyani, Lagadigodh, Mahanaur
Siraha	1611	Bishnupur Pra.Ma., Chandra Ayodhyapur, Chandralalpur, Devipur, Laxmipur (Pra.Ma.), Naraha Balkawa
Siraha	1612	Ashokpur Balkawa, Barchhawa, Belaha, Chandrodayapur, Rajpur, Thalaha Kataha
Siraha	1613	Madar, Malhaniya Gamharia, Sarswar, Sukhachina
Siraha	1614	Hanumannagar, Khirauna, Laxminiya
Siraha	1615	Fulbariya, Karjanha, Maheshpur Gamharia, Ramnagar Mirchaiya, Rampur Birta, Sitapur Pra.Da.
Siraha	1616	Badharamal, Gautari, Kalyanpurkalabanzar, Majhauliya, Malhaniya Khori, Media, Radhopur, Sikron
Siraha	1617	Arnamarampur, Bhokraha, Bishnupur Pra.Ra, Chatari, Chikana, Dumari, Itari Parsahi, Kalyanpur Jabadi, Sanhaitha
Siraha	1618	Lahan N.P.
Siraha	1619	Siraha N.P.
Dhanusa	1701	Balaha Kathal, Balaha Sadhara, Ballagoth, Inarwa, Khajuri Chanha, Lakkad, Mahuwa (Pra. Khe), Patanuka
Dhanusa	1702	Bisarbhora, Dubarikot Hathalekha, Ekarahi, Harine, Marchaijhitakaiya, Siddha, Singyahi Maidan, Thadi Jhijha
Dhanusa	1703	Balabakhar, Chora Koilpur, Dhabouli, Goth Kohelpur, Hathipurharbara, Paterwa, Thilla Yaduwa, Yadukush

District	Ilaka code	Constituent VDCs/Municipalities
Dhanusa	1704	Deuri Parbaha, Dhanauji, Duhabi, Itaharwa, Jhojhi Kataiya, Lakhouri
Dhanusa	1705	Aurahi, Bafai, Chakkar, Jhatiyahi, Pachaharwa, Sonigama
Dhanusa	1706	Khariyani, Makhanaha, Nanupatti, Raghunathpur, Sabela, Satosar
Dhanusa	1707	Baramajhiya, Bharatpur, Godar, Labatoli
Dhanusa	1708	Bhutahipaterwa, D.Govindapur, Dhanusadham, Kajara Ramaul, Mithileswornikas, Umaprempur, Yagyabhumi
Dhanusa	1709	Andupatti, Gopalpur, Hansapur Kathpula, Kachurithera, Manshingpatti, Mithileswormauwahi, Suganikash, TarapattiSirsiya
Dhanusa	1710	Bagchaura, Bahuarba, Kanakpatti, Lohana, Mahuwa (Pra.Ko), Nauwakhor Prashahi, Paudeswor, SugaMadhukarahi
Dhanusa	1711	Baheda Bala, Debadiha, Lagmagadhaguthi, Nagaraeen
Dhanusa	1712	Fulgama, Mukhiyapattimusharg, Tulsiyahi Nikas, Tulsiyani Jabdi
Dhanusa	1713	Devpura Rupetha, Ghodghans
Dhanusa	1714	Basahiya, Basbitti, Bindhi
Dhanusa	1715	Begadawar, Bhuchakrapur, Kurtha, Laxminiwas, Laxmipurbagewa, Shantipur, Sinurjoda
Dhanusa	1716	Baniniya, Digambarpur, Hariharpur, Ramaidaiya Bhawadi, Sakhuwa Mahendranaga, Sapahi
Dhanusa	1717	Bateswor, Begadawar, Dhalkebar, Nakatajhijh, Puspalpur, Tulsi Chauda
Dhanusa	1718	Janakpur N.P.
Mahottari	1801	Bardibas, Bijayalpura, Gauribas, Hathilet, KisanNagar, Maisthan
Mahottari	1802	Dharmapur, Hatisarwa, Pasupatinagar, Singyahi, Vagaha
Mahottari	1803	Bagada, Hariharpur Harinamar, Khuttapiparadhi, Loharpatti, Mahadaiyatapanpur
Mahottari	1804	Banauli Donauli, Bramarpura, Majhora Bishnupur, Pipra, Ratauli, Sahorawa
Mahottari	1805	Dhirapur, Ekarahiya, Matihani, Pigouna, Simardahi
Mahottari	1806	Fulahatta Parikauli, ParsaPateli, SugaVawani
Mahottari	1807	Dhamaura, Meghanath Gorahanna, Ramgopalpur, Sonamai
Mahottari	1808	Bairgiya Banchauri, Balawa, Banouta, Gonarpura, Paraul
Mahottari	1809	Anakar, Damhimarayee, Kolhuwa Bagaicha, Mahottari, Nainhi
Mahottari	1810	Bharatpur, Fulakaha, KhayarMara, Laximiniya, Sundarpur
Mahottari	1811	Aurahi, Belgachhi, Gaushala, Nigaul, Ramnagar
Mahottari	1812	Khairbanni, Raghunathpur, Sonama, Sreepur
Mahottari	1813	Bairgiya Laxminiya, Basabitti, Gaidaha Bhelpur, Khopi, Parsa Dewadh, Shamsi
Mahottari	1814	Etaharwakatti, Manara, Pokharibhinda Samgra, Sahasaula, Sarpallo, Sonaul
Mahottari	1815	Bathanaha, Bhatauliya, Ekadarabela, Halkhori, Sandha, Sisawakataiya
Mahottari	1816	Jaleshwor N.P.
Sarlahi	1901	Kalinjor, Lalbandi, Narayan Khola, Parwanipur, Pattharkot, Raniganj
Sarlahi	1902	Bhaktipur, DhanakaulPurba, Jabdi, Gourishankar, Ishworpur
Sarlahi	1903	Basantapur, Haripurwa, Jingadawa, Narayanpur, Parsa, Sangrampur
Sarlahi	1904	Atrouli, Dhurkauli, Hariyon, Sasapur, Netragunj
Sarlahi	1905	Haripur, LaxmipurKodraha, Babarganj, Bela, Chandranagar
Sarlahi	1906	Belhi, Kisanpur, Brahmapuri, Mohanpur, Noukailawa, Tribhuwan Nagar
Sarlahi	1907	Hempur, Janakinagar, Jamuniya, Khoriya, Motipur, Pidari, Pipariya
Sarlahi	1908	Aurahi, Kabilasi, Farahadawa, Gamhariya, Salempur
Sarlahi	1909	Kodena, Bhadsar, Bara Udhoran, Musauli, Khutauna, Sakraul, Simara
Sarlahi	1910	Laukath, Dhungrekhola, Barahathawa, Murtiya, Sankarpur, Shreepur
Sarlahi	1911	Mailhi, Dhangada, Pidariya, Sisotiya, Sohadawa, Sundarpur
Sarlahi	1912	Bahadurpur, Belwa Jabdi, Godeta, Fulparasi, Batraul, Madhubangoth, Laxmipur Su.
Sarlahi	1913	Arnaha, Bagdaha, Bhagwatipur, Madhubani, Dumariya, Ramban, Rohuwa

District	Ilaka code	Constituent VDCs/Municipalities
Sarlahi	1914	Karmaiya, Hajariya, Manpur, Rajghat, Sundarpur Chuldawa
Sarlahi	1915	Mahinathpur, Dhanakaul Pachhiyati, Bhawanipur, Harakathawa, Sikhauna
Sarlahi	1916	Khirwa, RamnagarBahaur, Chhataul, Gadahiyabairi, Sisout
Sarlahi	1917	Achalgadh, Balara, Chhatona, Hathiyol, Mirjapur, Sudama
Sarlahi	1918	Malangawa N.P.
Sindhuli	2001	Khangsang, Mahadevdada, Ratnawati, Solpathana
Sindhuli	2002	Bahuntilpung, Kholagaun, Sunam Pokhari, Tosramkhola
Sindhuli	2003	Arunthakur, Dudhouli, Kakur Thakur, Ladbhir (Mahendra), Tandi
Sindhuli	2004	Harsahi, Jinakhu, Lampantar, Sirthouli, Tribhuvan Ambote
Sindhuli	2005	Bhuwaneshori Gwaltar, BitijorBagaiya, Dudbhanjyang, Tinkanya
Sindhuli	2006	Baseshwor, Bhimeshwor, Jalkanya, Ratanchura
Sindhuli	2007	Balajor, Belghari, Bhimsthan, Jarayotar
Sindhuli	2008	Hatpate, Nipane, Ranibas
Sindhuli	2009	Bhadrakali, Ranichuri
Sindhuli	2010	Jhangajholi Ralmata, Kuseswor Dumja, Majhuwa, Purano Jhangajholi, Sitalpati
Sindhuli	2011	Amale, Bastipur, Netrakali, Santeswori(Rampur), Tamajor
Sindhuli	2012	Dadiguranshe, Kapilakot, Mahadevsthan
Sindhuli	2013	Hariharpur Gadhi, Kalpabrishykha, Kyaneshwor, Mahendrajhayadi, Pipalmadi
Sindhuli	2014	Kamalami N.P.
Ramechhap	2101	Bamti Bhandar, Chuchure, Gumdel, Kubukasthali, Those
Ramechhap	2102	Bhujee, Duragau, Guptesor, Pritee, Saipu
Ramechhap	2103	Betali, Farpu, Namadi, Rasanalu
Ramechhap	2104	Bijulikot, Gothgau, Khimti, Naga Daha, Tilpung
Ramechhap	2105	Deurali, Himganga, Okhreni, Rampur, Sanghutar
Ramechhap	2106	Kathjor, Ramechhap, Salupati, Sukajor, Sunarpani
Ramechhap	2107	Bhatauli, Chisapani, Maluwajor, Manthali, Pakarbas
Ramechhap	2108	Bhadaure, Chanakhu, Gelu, Pinkhuri, Puranagau
Ramechhap	2109	Dadhuwa, Doramba, Goswara, Phulasi, Tokarpur
Ramechhap	2110	Bethan, Dimipokhari, Gunsi Bhadaure, Hiledevi, Khaniyapani, Lakhanpur
Ramechhap	2111	Bhirpani, Khadadevi, Majuwa, Makadum, Rakathum
Dolakha	2201	Chankhu, GauriSankar, Khare, Marbu, Suri
Dolakha	2202	Chhetrapa, Jhyaku, Jugu, Kabhre, Namdu
Dolakha	2203	Jiri, Mali, Syama, Thulopatal
Dolakha	2204	Bhirkot, Gairimudi, Jhule, Mirge
Dolakha	2205	Chyama, Hawa, Japhe, Malu, Sahare
Dolakha	2206	Bhedapu, Dandakharka, Ghang Sukathokar, Melung, Pawati
Dolakha	2207	Bhusaphedi, Fasku, Katakuti, Magapauwa, Sailungeswor
Dolakha	2208	Bocha, Dudhpokhari, Lakuri Dada
Dolakha	2209	Sundrawati, Sunkhani, Susma Chhemawati
Dolakha	2210	Alampu, Babare, Kalingchok, Khopachagu, Lamidada, Lapilang
Dolakha	2211	Bigu, Bulung, Chilankha, Laduk, Lamabagar, Orang
Dolakha	2212	Bhimeswor N.P.
Sindhupalchok	2301	Dhuyang, Fulpingkatti, Gati, Listikot, Marming, Tatopani
Sindhupalchok	2302	Bahrabise, Phulchodanda, Karthali, Maneswor, Mankha, Ramche
Sindhupalchok	2303	Choukati, Ghorthali, Ghuskun, Piskar, Tathaili, Tekanpur
Sindhupalchok	2304	Atarpur, Jethal, Lisankhu, Pedku, ThuloDhading, Thulo Pakhar
Sindhupalchok	2305	Kalika, Pagretar, Sunkhani, Thokarpa, Thum Pakhar, Yamunadanda
Sindhupalchok	2306	Badegau, Bhimtar, Kunchok, Nawalpur, Sipal Kavre, Sipa Pokhare

District	Ilaka code	Constituent VDCs/Municipalities
Sindhupalchok	2307	Baramchi, Gloche, Gumba, Hagam, Pangtang, Selang
Sindhupalchok	2308	Batase, Choutara, Fulpingkot, Jalbire, Kubhinde, Pipaldada, Syaule
Sindhupalchok	2309	Bhotasipa, Irkhu, Kadambas, Sangachok, Sanusiruwari, Thulo Sirubari
Sindhupalchok	2310	Bansbari, Bhotechaur, Fatakshila, Haibung, Melamchi, Sindhukot, Thampal Chhap
Sindhupalchok	2311	Helumbu, Ichok, Kiwool, Mahankal, Talamarang, Thakani
Sindhupalchok	2312	Baruwa, BhoteNamlang, Gunsakot, Bhotang, Thapalkot
Sindhupalchok	2313	Banskharka, Dubachour, Jyamire, Lagarche, Palchok, Sikharpur
Kavre	2401	Balting, Banakhu Chor, Bhimkhori, Budhakhani, Foksingtar, Ghartichhap, Gokule
Kavre	2402	Kanpur kalapani, Katunje Besi, Kharpachok, Mangaltar, Methinkot, Sarasyunkhark, Sipali Chilaune
Kavre	2403	Birtadeurali, Bolde Fediche, Kuruwas Chapakhori, Mechhe, PokhariNarayansthan, Saramthali, Thulo Parsel
Kavre	2404	Dhuseni Siwalaya, Gothpani, Kartike Deurali, Madan Kundari, Majhe Feda, Nagre Gagarche, Pokhari Chauri, Sanowangthali
Kavre	2405	Dapcha Chatraibhanjha, Daraune Pokhari, Dapcha Khanalthok, Mathurapati Fulbari, Puranogaun Dapcha, Simalchour Syampati
Kavre	2406	Baldthali, Chyasing Kharka, Dhunkharka, Khahare Pangu, Mahadevtar, Mahankal Chaur, Sikhar Ambote, Sisakhani
Kavre	2407	Chyamrangbesi, Dandagaun, Falemetar, Milche, Saldhara, Salmechakala(Taldhunga)
Kavre	2408	Chala Ganeshsthan, Kavre Nitya Chandeswor, Patalekhet, Sankhupati Chour, Sarada Batase
Kavre	2409	Kalati Bhumidanda, Kushadevi, Ryale Bhir
Kavre	2410	Mahendra Jyoti, Nasikasthan Sanga, Ugratara Jangal
Kavre	2411	Baluwapati Deupur, Devitar, Nala (Ugrachandi), Naldung Nayagaun, Tukucha Nala
Kavre	2412	Anaikot, Deuvumi Baluwa, Panchkhal, Ravi Opi
Kavre	2413	Chandeni Mandan, Gairi Bisouna Deupur, Jaisithok Mandan, Jyamdi Mandan, Mahadevsthan Mandan
Kavre	2414	Bekhsimle Dhartigaun, Bhumlutar, Choubas, Falate Bhumlu, Salle Bhumlu, Saping, Simthali
Kavre	2415	Dolalghat, Hokse Bazar, Kharelthok, Kolati Bhumlu, Koshidekha, Sathighar Bhagawati
Kavre	2416	Banepa N.P.
Kavre	2417	Dhulikhel N.P
Kavre	2418	Panauti N.P.
Lalitpur	2501	Sainbu, Sunakothi
Lalitpur	2502	Bungamati, Khokana
Lalitpur	2503	Dhapakhel, Thecho
Lalitpur	2504	Harisiddhi, Thaiba
Lalitpur	2505	Imadol
Lalitpur	2506	Sidhdipur
Lalitpur	2507	Tikathali
Lalitpur	2508	Lamatar, Lubhu
Lalitpur	2509	Badikhel, Bisankhunarayan, Godamchaur, Godawari, Jharuwarasi
Lalitpur	2510	Chapagaun, Chhampi, Devichour, Dhusel, Dukuchhap, Lele
Lalitpur	2511	Bhardev, Bukhel, Choughare, Dahachok, Gotikhel, Manikhel, Nallu
Lalitpur	2512	Bhattedanda, Ikudol, Malta, Sankhu
Lalitpur	2513	Asrang, Chandanpur, Gimdi, Kaleswor, Pyutar, Thuladurlung
Lalitpur	2514	Lalitpur N.P.
Bhaktapur	2601	Bhaktapur N.P.
Bhaktapur	2602	Duwakot, Jhaukhel

District	Ilaka code	Constituent VDCs/Municipalities
Bhaktapur	2603	Changunarayan, Chhaling
Bhaktapur	2604	Bageswari, Nagarkot
Bhaktapur	2605	Sudal, Tathali
Bhaktapur	2606	Chitapol, Nankhel
Bhaktapur	2607	Sipadol
Bhaktapur	2608	Kautunje
Bhaktapur	2609	Dadhikot, Gundu, Sirutar
Bhaktapur	2610	Balkot
Bhaktapur	2611	MadhyapurThimi N.P.
Kathmandu	2701	Sankhu Bajrayogini, Indrayani, Lapsephedi, Naglebhare, Pukhulachhi, Sankhu Suntol
Kathmandu	2702	Aalapot, Bhadrabas, Thalidanchhi,
Kathmandu	2703	Gagalphedi
Kathmandu	2704	Gothatar, Mulpani
Kathmandu	2705	Chunikhel, Kapan
Kathmandu	2706	Budanilkantha, Chapali Bhadrakali, Khadka Bhadrakali
Kathmandu	2707	Jhormahankal, Tokha Chandeswori
Kathmandu	2708	Dhapasi, Tokha Sarswoti
Kathmandu	2709	Gonggabu
Kathmandu	2710	Dharmasthali, Futung, Kabhresthali, Manmaiju
Kathmandu	2711	Bhimdhunga, Ramkot, Sitapaila
Kathmandu	2712	Baad Bhanjyang, Dahachok, Naikap Purano Bhanjya, Seuchatar
Kathmandu	2713	Machhegaun
Kathmandu	2714	Balambu, Mahadevathan, Matatirtha, Naikap Naya Bhanjyang, Satungal, Thankot, Tinthana
Kathmandu	2715	Chalnakhel, Chhaimale, Daxinkali, Saukhel, Sheshnarayan, Talkududechour
Kathmandu	2716	Kathmandu N.P.
Kathmandu	2717	Kirtipur N.P.
Nuwakot	2801	Chhap, Likhu, Mahakali, Sikre, Talakhu
Nuwakot	2802	Chaturale, Samundradevi Kholegaun, Sunkhani, Thanapati, Thansing
Nuwakot	2803	Chauthe, Kakani, Madanpur, Okharpauwa, Suryamati
Nuwakot	2804	Belkot, Duipipal, Jiling, Kumari, Ratmate
Nuwakot	2805	Budhasing, Dangsing, Gorsyang, Taruka
Nuwakot	2806	Barsunchet, Bungtang, Deurali, Kalyanpur, Samari
Nuwakot	2807	Bhalche, Fikuri, Kaule, Kintang, Salme
Nuwakot	2808	Charghare, Khadag Bhanjyang, Karki Manakamana, Tupche
Nuwakot	2809	Bageswori, Gerkhu, Kalikahalde, Khanigaun, Lachyang
Nuwakot	2810	Chaughada, Ganeshthan, Kharanitar, Narjamandap, Urleni
Nuwakot	2811	Bhadratar, Kabilas, Panchkanya, Thaprek
Nuwakot	2812	Balkumari, Ralukadevi, Samundratar, Shikharbesi, Sundaradevi
Nuwakot	2813	Betini, Gaunkharka, Ghyangphedi, Rautbesi
Nuwakot	2814	Bidur N.P.
Rasuwa	2901	Dhunche, Haku
Rasuwa	2902	Saramthali, Yarsa
Rasuwa	2903	Bhorle, Jibjibe(Nilkantha)
Rasuwa	2904	Laharepouwa, Ramche
Rasuwa	2905	Dandagoun, Thulogoun
Rasuwa	2906	Chilime, Gatlang
Rasuwa	2907	Thuman, Timure

District	Ilaka code	Constituent VDCs/Municipalities
Rasuwa	2908	Bridhim, Langtang
Rasuwa	2909	Goljung, Syafru
Dhading	3001	Gumdi, Lapa, Ree Gaun, Tipling
Dhading	3002	Darkha, Jharlang, Satyadevi, Sertung
Dhading	3003	Baseri, Budhathum, Mulpani, Phulkhark
Dhading	3004	Aginchok, Salyankot, Salyantar, Tripura
Dhading	3005	Dhuwakot, Katunje, Marpak, Semdung
Dhading	3006	Chainpur, Dhola, Khari, Muralibhanjyang
Dhading	3007	Jyamaruk, Khalte, Nilkantha, Sangkosh
Dhading	3008	Goganpani, Kalleri, Kewalpur, Sunaulabazar
Dhading	3009	Kumpur, Maidi, Nalang, Salang
Dhading	3010	ChhatreDyaurali, Jeevanpur, Naubise
Dhading	3011	Bhumesthan, Tasarpu, Thakre
Dhading	3012	Baireni, Gajuri, Kiranchok, Pida
Dhading	3013	Benighat, Ghursa, Jogimara, Mahadevsthan
Makwanpur	3100	Parsa Wildlife Reserve
Makwanpur	3101	Betini, Dhiyal, Faparbari, Raigaun
Makwanpur	3102	Manthali, Shikharpur, Shreepur Chhatiwan, Thingan
Makwanpur	3103	Churemai, Hatiya, Hurnamadi
Makwanpur	3104	Ambhanjyang, Budhichaur, Makwanpurgadhi, Sukaura
Makwanpur	3105	Kankada, Raksirang
Makwanpur	3106	Manahari, Sarikhet Palase
Makwanpur	3107	Padam Pokhari
Makwanpur	3108	Basamadi, Handikhola
Makwanpur	3109	Agara, Dandakharka, Gogane, Khairang
Makwanpur	3110	Bajrabarahi, Daman, Palung, Tistung
Makwanpur	3111	Bhaise, Bharta Pundyadevi, Kalikatar, Namtar
Makwanpur	3112	Bhimfedi, Ipa Panchakanya, Kogate, Nibuwatar
Makwanpur	3113	Chitlang, Fakhel, Kulekhani, Markhu, Sisneri
Makwanpur	3114	Hetauda N.P.
Rautahat	3201	Hajminiya, Laxmipurbelbichawa, Mudwalawa
Rautahat	3202	Badharwa, Basatpur, Brahmapuri, Jhunkhunwa, Rajdevi, Rajpur Tulsi, Saruatha
Rautahat	3203	Bhalohiya(Pipra), Gadhi(Bhanawanpur), Gangapipara, Jethaiya, Matsari, Pacharukhi, Pipra Rajbara, Mithuawa
Rautahat	3204	Bhediyahi, Bisunpurwamanpur, Dipahi, Jayanagar, Khesarhiya, Madhopur, Sakhuawa
Rautahat	3205	Auraiya, Bairiya, Banjaraha, Dumriya(Paroha), Jatahara, Jowaha(Jokaha), Mathiya
Rautahat	3206	Akolawa, Fatuha Maheshpur, Lokaha, Pipra Bhagwanpur, Rajpurfarhadawa
Rautahat	3207	Basantapatti, Jingadawa Belbichwa, Narkatiya, Rampurkhap, Sarmujawa, Tejapakar
Rautahat	3208	Ajagabi, Debahi, InarbariJiutahi, Inarawa, Karuniya, Pathara Budharam, Pipariya (Paroha)
Rautahat	3209	Dharhari, Karkach, Maryadpur, Pataura, Prempur Gunahi, Shitalpur Bairgania
Rautahat	3210	Bagahi, Mahamadpur, Pipariya(Dostiya), Pothiyahi, Pratappur Paltuwa, Rangapur, Simara Bhawanipur
Rautahat	3211	Fatuwa Harsaha, Laxminiya, Bhasedawa, Santapur(Dostiya), Saunaraniya, Tengraha
Rautahat	3212	Birtiprastoka, Hathiyahi, Kanakpur, Katahariya, Laxmipur (Do), Pipara Pokhariya
Rautahat	3213	Madanpur, Bariyarpur, Dharmapur, Gamhariya Parsa, Garuda, Gedahiguthi, Malahi, Samanpur, Sangrampur
Rautahat	3214	Basbiti Jingadiya, Bishrampur, Gamhariya Birta, Hadiryapaltuwa, Raghunathpur, Ramoli Bairiya, Sakhuwa Dhamaura

District	Ilaka code	Constituent VDCs/Municipalities
Rautahat	3215	Chandranigahapur, Dumariya (Matiauna), Judibela, Paurai, Santpur (Matiaun)
Rautahat	3216	Gaur N.P.
Bara	3301	Avab, Bachhanpurwa, Bharatganj Sigaul, Kolhabi, Nijgadh, Rampurwa, Sapahi, Sinhasani
Bara	3302	Bhagwanpur, Bishunpurwa, Inarwamal, Khopawa, Paterwa, Pathera, Pipra, Tedhakatti
Bara	3303	Amritganj, Dewapur, Golaganj, Hariharpur, Kachorwa, Mahendra Adarsha, Rampurwa, Shreenagar Bairiya, Uchidiha
Bara	3304	Haraiya, Kakadi, Kakadi, Prasauni, Ratanpuri, Sihorwa, Tetariya, Umarjan
Bara	3305	Bariyarpur, Dahiyar, Gadhahal, Ganjbhawanipur, Kabahijabdi, Karaiya, Narahi
Bara	3306	Amarpatti, Babuain, Bagahi, Kabahigoth, Madhurijabdi, Piparabirta, Parashurampur, Telkuwa
Bara	3307	Beldari, Benauli, Bishunpur, Bishunpur, Kudawa, Pakadiya Chikani, Piparpati
Bara	3308	Bhodaha, Dumarwana, Fatepur, Jhitakaiya(Uttar), Manaharwa
Bara	3309	Dohari, Maheshpur
Bara	3310	Hardiya, Majhariya, Patharhati, Pipradhi Goth, Rauwahi
Bara	3311	Badaki Fulbariya, Basantapur, Jhitakaiya (Dakshin), Piparpati
Bara	3312	Amlekhganj, Balirampur, Chhatapipra, Inarwasira, Jitpur, Lipanimal, Pipara Simara, RampurTokani
Bara	3313	Bahuari, Banjariya, Bhatauda, Buniyad, Khutwajabdi, Prasauni, Prastoka
Bara	3314	Bhaluyee Arwaliya, Motisar, Pheta, Purainiya, Raghunathpur, Sisahaniya
Bara	3315	Barainiya, Batara, Bishrampur, Chhatawa, Dharmanagar, Itiyahi, Matiarwa
Bara	3316	Kalaiya N.P.
Parsa	3400	Royal Chitawan National Park
Parsa	3401	Birgunj N.P.
Parsa	3402	Bagahi, Bhawanipur, Harpatagunj, Maniyari, Parsauni Birta, Ramgadhawa
Parsa	3403	Belwa Parsouni, Chorni, Lalparsa, Lipani Birta
Parsa	3404	Amarpatti, Bahuarbamatha, Beriya Birta, Bindabasini, Jhouwa Guthi
Parsa	3405	Bahauri Pidari, Bisrampur, Gamhariya, Nagardaha, Vauratar
Parsa	3406	Alau, Basadilwa, Pancharukhi, Sreesiya(Nau.Ta.Ja), Sugauli Birta, Udayapur Dhurmi
Parsa	3407	Bagbana, Bageshwari Tirtrona, Birwaguthi, Harpur, Madhuban Mathaul, Sakhuwa Prasauni
Parsa	3408	Bhedihari, Dhore, Lahawarthakari, Mainpur(Pakaha), Parsauni Matha, Sabaithawa, Surjaha
Parsa	3409	Basantapur, Biranchibarba, Hariharpur Birta, Mudali, Pokhariya, Prasurampur, SirsiyaKhalwatola, Patwaritolabarba
Parsa	3410	Beriya Birta(Wa.Pu.), Govindapur, Kauwa Ban Kataiya, Lakhanpur, Mahuwan, Ramnagari
Parsa	3411	Auraha, Deukhana, Gadi, Nichuta, Sankarsaraiya, Sonbarsa, Sugauli Partewa
Parsa	3412	Bhisawa, Dhaubini, Jaimangalapur, Mirjapur, Samjhauta, TulasiBarba
Parsa	3413	Ghoddauda Pipra, Hariharpur, Janakitala, Langadi, Mikhampur
Parsa	3414	Bijbaniya, Jagaranathpur Sira, Jeetpur, Masihani, Pidariguthi, Supauli
Parsa	3415	Mahadevpatti, Nirmalbasti, Sedhawa, Subarnapur, Thori
Chitawan	3500	Royal Chitawan National Park
Chitawan	3501	Korak, Lothar, Siddi
Chitawan	3502	Bhandara, Birendranagar, Piple
Chitawan	3503	Kathar, Khairahani, Kumroj
Chitawan	3504	Bachhyauli, Padampur, Pithuwa
Chitawan	3505	Jutpani, Kaule, Shaktikhor
Chitawan	3506	Chandi Bhanjyang, Dahakhani, Darechok, Kabilas
Chitawan	3507	Bharatpur N.P.
Chitawan	3508	Narayanpur, Sibanagar

District	Ilaka code	Constituent VDCs/Municipalities
Chitawan	3509	Mangalpur, Saradanagar
Chitawan	3510	Dibyanagar, Gunjanagar, Meghauli
Chitawan	3511	Gitanagar, Parbatipur, Patihani
Chitawan	3512	Jagatpur, Sukranagar
Chitawan	3513	Ayodhyapuri, Bagauda, Gardi, Madi Kalyanpur
Chitawan	3514	Ratnanagar N.P.
Gorkha	3601	Finam, Nareshwor
Gorkha	3602	Asrang, Borlang, Bunkot, Namjung, Taple
Gorkha	3603	Bakrang, Ghairung, Makaising, Manakamana, Taklung
Gorkha	3604	Darbhung, Fujel, Ghyalchok, Mumlichok, Tanglichok
Gorkha	3605	Bhirkot, Chyngli, Deurali, Dhuwakot, Gaikhur
Gorkha	3606	Aanppipal, Chhoprak, Harmhi, Khoplang, Palumtar
Gorkha	3607	Gakhu, Jaubari, Kerabari, Shreenathkot, Thalajung
Gorkha	3608	Muchchok, Ghyachok, Hansapur, Kharibot, Simjung
Gorkha	3609	Saurpani, Swara, Takukot, Takumajhalakuribot, Warpak
Gorkha	3610	Baguwa, Dhawa, Masel, Panchkhuwadeurali, Pandrung, Tandrang
Gorkha	3611	AaruArbang, Aaru Chanuate, Aarupokhari, Manbu, Thumi
Gorkha	3612	Gumda, Kashigaun, Kerauja, Laprak, Lapu, Uhya
Gorkha	3613	Bihi, Chhaikampar, Chumchet, Lho, Prok, Samagaun, Sirdibas
Gorkha	3614	Prithbinarayan N.P.
Lamjung	3701	Besishahar, Gaunshahar, Nalma, Puranokot, Sindure, Udipur
Lamjung	3702	Balungpani, Bhujung, Chandisthan, Maling, Uttarkanya
Lamjung	3703	Bhoteoodar, Chandreshwor, Duradanda, Parewadada, Sundarbazar, Tarku
Lamjung	3704	Jita, Ramgha, Samibhanjyang, Suryapal, Tandrang(Taksar)
Lamjung	3705	Bangre, Bhorletar, Dhuseni, Kunchha, Neta
Lamjung	3706	Bhoje, Gilunng, Isaneshwar, Karapu, Pasagaun
Lamjung	3707	Bahundanda, Bhulbhule, Ghanpokhara, Ghermu, Khudi, Simpani, Taghring
Lamjung	3708	Bajhakhet, Bansar, Chiti, Dhodeni, Faleni, Hiletaksar
Lamjung	3709	Archalbot, Bharte, Nauthar, Pachok, Shree Bhanjyang
Lamjung	3710	Bichaur, Dudhpokhari, Gauda, Ilampokhari, Kolki, Pyarjung
Lamjung	3711	Bhalayakharka, Chakratirtha, Dhamilikuwa, Mohoriyakot, Tarkughat
Tanahu	3801	Keshavtar, Pokharibhanjyang
Tanahu	3802	Risti, Satiswara, Tanahunsur, Virlung
Tanahu	3803	Basantapur, Chok Chisapani, Purkot, Rupakot
Tanahu	3804	Bandipur, Barbhanjyang, Bhanu, Ghansikuwa
Tanahu	3805	Anbukhaireni, Chhimkeshwori, Deurali, Dharampani
Tanahu	3806	Baidi, Chhipchhipe, Devghat, Kota
Tanahu	3807	Bhirkot, Kahu Shivapur, Ramjakot
Tanahu	3808	Kotdarbar, Ranipokhari (Resing), Shambu Bhagawatipur
Tanahu	3809	Gajarkot, Majhakot, Sundhara (Ghiring)
Tanahu	3810	Arunodaya, Bhanumati, Bhimad, Kihun
Tanahu	3811	Dhorfirdi, Dulegaunda, Firfire, Raipur
Tanahu	3812	Chhang, Khairenitar, Manpang, Thaprek
Tanahu	3813	Jamune Bhanjyang, Kyamin, Shymgha
Tanahu	3814	Byas N.P.
Syangja	3901	Pauwegaude, Pelkachaur, Taksar, Thuladihi
Syangja	3902	Bahakot, Kaulmabarahachaur, Rangvang
Syangja	3903	Chitre Bhanjyang, Chisapani (Magyam), Kichnas, Oraste

District	Ilaka code	Constituent VDCs/Municipalities
Syangja	3904	Benethok Deurali, Biruwa Archale, Chhangchhangdi, Darsing Dahathum, Majhakot Sivalaya
Syangja	3905	Arjun Chaupari, Khilungdeurali
Syangja	3906	Aruchaur, Panchamul, Rapakot, Satau Darau
Syangja	3907	Bicharichautara, Chilaunebas, Faparthum, Setidobhan
Syangja	3908	Arukharka, Bagefatake, Bhatkhola, Fedikhola, Wangsing Deurali
Syangja	3909	Dhapuk Simal Bhanjyan, Kalikakot, Thumpokhara
Syangja	3910	Manakamana, Sworek, Yaladi
Syangja	3911	Jagatbhanjyang, Keware Bhanjyang, Malyangkot
Syangja	3912	Chinnebas, Kyakmi, Sakhar, Sekham
Syangja	3913	Alamadevi, Birgha Archale, Chandi Bhanjyang, Nibuwakharka, Pidikhola, Shreekrishna Gandaki
Syangja	3914	Chapakot, Kuwakot, Pakwadi, Ratnapur, Tulsibhanjyang
Syangja	3915	Jagatradevi, Malunga, Pelakot, Sirsekot, Tindobate
Syangja	3916	Putalibazar N.P.
Syangja	3917	Waling N.P.
Kaski	4001	Deurali, Rupakot, Siddha, Thumki
Kaski	4002	Bharatpokhari
Kaski	4003	Bhachok, Hansapur, Mijuredada, Saimarang
Kaski	4004	Kalika, Majhthana
Kaski	4005	Namarjung, Parche, Sildujure, Thumakodada
Kaski	4006	KritinachneChaur, Nirmalpokhari, Pumdibhumdi
Kaski	4007	Arba Vijayapur
Kaski	4008	Kahun, Lamachaur, Mauja, Valam
Kaski	4009	Bhadaure Tamagi, Chapakot, Kaskikot, Sarangkot
Kaski	4010	Dangsing, Ghandruk, Lumle, Salyan
Kaski	4011	Dhampus, DhikurePokhari, Dhital, Lwangghalel
Kaski	4012	Ghachok, Hemaja, Lahachok, Reevan
Kaski	4013	Armala, Machhapuchchhre, Puranchaur, Sardikhola
Kaski	4014	Lekhnath N.P.
Kaski	4015	Pokhara N.P.
Manang	4101	Chame
Manang	4102	Ghyaru, Nyawal, Pisang
Manang	4103	Bhraka
Manang	4104	Manang
Manang	4105	Khangsar
Manang	4106	Tanki Manang
Manang	4107	Fu, Nar
Manang	4108	Tachi Bagarchhap, Thoche
Manang	4109	Dharapani
Mustang	4201	Jomsom
Mustang	4202	Marpha
Mustang	4203	Chhusang, Kagbeni
Mustang	4204	Charang, Dhami
Mustang	4205	Chhonhup, Lomanthang
Mustang	4206	Chhoser, Surkhang
Mustang	4207	Jhong, Muktinath
Mustang	4208	Kunjo, Lete

District	Ilaka code	Constituent VDCs/Municipalities
Mustang	4209	Kowang, Tukuche
Myagdi	4301	Arthunge, Pulachaur, Singa
Myagdi	4302	Bhakilmi, Jyamrukot, Ratnechaur
Myagdi	4303	Dhatan, Patalekhet, Rakhu Piple
Myagdi	4304	Bagarkhola, Chimkhola, Dagnam, Rakhu Bhagawati
Myagdi	4305	Histhan Mandali, Ramche, Shikha
Myagdi	4306	Dana, Dowa, Narchyang, Tatopani (Bhurung)
Myagdi	4307	Arman, Babiyachaur, Baranja, Kuhun
Myagdi	4308	Darwang, Niskot, Okharbot, Room
Myagdi	4309	Jhin, Kuinemangale, Malkwang, Pakhapani
Myagdi	4310	Bima, Devisthan, Marang, Takam
Myagdi	4311	GurjaKhani, Lulang, Mudi, Muna
Parbat	4401	Banskharka, Dhairing, Lekhfant, Majhphant Mallaj, Salija
Parbat	4402	Banou, Khurkot, Kyang, Nagliwang, Pang
Parbat	4403	Bhuktangle, Chitre, Deupurkot, Deurali, Tilahar
Parbat	4404	Bajung, Chuwa, Durlung, Pakuwa, Shivalaya
Parbat	4405	Arthar Dadakharka, Bitalawa Pipaltari, Katuwachaupari, Khaula Lakuri, Ramjadeurali, Thulipokhari
Parbat	4406	Fulebas Khanigaun, Karkineta, Mudikuwa, Shankar Pokhari, Thapathana
Parbat	4407	Bhangara, Falamkhani, Falebas Devisthan, Limithana, Thana Maulo
Parbat	4408	Bachchha, Bhoksing, Kurgha, Pangrang
Parbat	4409	Balakot, Bhorle, Hosrangdi, Lunkhu Deurali, Pakhapani
Parbat	4410	Behulibans, Huwas, Saraukhola, Taklak, Tribeni
Parbat	4411	Bahakithanti, Bihadi Barachaur, Bihadi Ranipani, Saligram, Urampokhara
Baglung	4501	Bhakunde, Malikathota, Rayadanda, Tityang
Baglung	4502	Bhimpokhara, Dhamja, Palakot, Singana
Baglung	4503	Bihunkot, Dhudhilabhati, Lekhani, Narethanti, Resh, Tangram
Baglung	4504	Amarbhumi, Argal, Harichaur, Heel, Tara
Baglung	4505	Amalachaur, Narayansthan, Binamare, Kusmishera, Paiyunpata
Baglung	4506	Arjewa, Chhisti, Dhullubaskot, Dhullu Gaidi, Sarkuwa
Baglung	4507	Batakachaur, Damek, Hugdisheer, Paiyunthanthap, Rangkhani
Baglung	4508	Hatiya, Kandebas, Malma, Salyan, Sukhaura
Baglung	4509	Pandavkhani, Ranasinkiteni, Righa, Sisakhani
Baglung	4510	Akhikarichaur, Bowang, Burtiwang, Rajkut
Baglung	4511	Bhinggithe, Dagatundada, Darling, Gwalichaur, Jaljala
Baglung	4512	Bongadovan, Khunga, Sunkhani, Taman
Baglung	4513	Boharagaun, Devisthan, Nisi
Baglung	4514	Baglung N.P.
Gulmi	4601	Arbani, Foksing, Harmichaur, Jayakhani, Khadgakot, Purtighat
Gulmi	4602	Aslewa, Bharse, Hansara, Johang, Juniya, Limgha, Thulolumpek
Gulmi	4603	Bhurtung, Bisukharka, Gwadha, Harewa, Harrachaur, Shantipur
Gulmi	4604	Apchaur, Arlangkot, Dirbung, Kurgha, Rupakot, Turang
Gulmi	4605	Baletaksar, Bamgha, Gwadi, Reemuwa, Ruru, Thanpati
Gulmi	4606	Daungha, Digam, Hardineta, Hunga, Kharjyang, Pallikot
Gulmi	4607	AmarArbathok, Birbas, Darbardevisthan, Dubichaur, Gaidakot
Gulmi	4608	Arkhale, Balithum, Juvung, Simichaur, Tamghas
Gulmi	4609	Badagaun, Musikot Khalanga, Paralmi, Wamitaksar
Gulmi	4610	Arkhawang, Darling, Dohali, Hawangdi, Neta, Paudhi Amarayee

District	Ilaka code	Constituent VDCs/Municipalities
Gulmi	4611	Dhurkot Bastu, Dhurkot Nayagaun, Dhurkot Rajasthal, Hadahade, Hastichaur, Jaisithok Mandan, Pipaldhara, Wagla
Gulmi	4612	Aaglung, Bajhketeria, Dhurkot Bhanbhane, Malagiri, Myal Pokhari, Purkot Daha, Sirseni
Gulmi	4613	Amarpur, Arje, Chhapahile, Dalamchaur, Ghamir, Isma Rajasthal, Marbhung
Palpa	4701	Gadakot, Jhirubas, Mityal, Sahalkot, Wakamalang
Palpa	4702	Archale, Darchha, Galdha, Khaliban, Rampur, Siluwa
Palpa	4703	Birkot, Foksingkot, Gejha, Haklang, Hungi
Palpa	4704	Bahadurpur, Devinagar, Jalpa, Jyamire, Rahabas, Ringneraha
Palpa	4705	Chidipani, Humin, Pipaldada, Tahu
Palpa	4706	Gothadi, Jhadewa, Kaseni, Koldada, Rupse
Palpa	4707	Barangdi, Chappani, Chirtungdhara, Darlamdanda, Khanichhap, Khanigau, Nayarnamtales, Pokharathok, Yamgha
Palpa	4708	Dobhan, Madanpokhara, Masyam, Telgha
Palpa	4709	Bandipokhara, Bhairabsthan, Deurali, Khasyoli
Palpa	4710	Argali, Bodha Pokharathok, Boudhagumba, Khyaha, Somadi
Palpa	4711	Bhuwanpokhari, Chhahara, Mujhung, Siddheswor
Palpa	4712	Fek, Kusumkhola, Palungmainadi, Timure
Palpa	4713	Baldengadhi, Juthapauwa, Kachal, Satyawati
Palpa	4714	Tansen N.P.
Nawalparasi	4800	Royal Chitawan National Park
Nawalparasi	4801	Dedgaun, Dhaubadi, Mithukaram, Naram, Rakuwa, Ruchang
Nawalparasi	4802	Bharatipur, Bulingtar, Dadajheri Tadi, Jaubari, Kotathar, Upallo Arkhale
Nawalparasi	4803	Amarapuri, Gaidakot, Mukundapur, Rajahar, Ratanapur
Nawalparasi	4804	Devachuli, Dibyapuri, Pithauli, Pragatinagar, Shivmandir
Nawalparasi	4805	Agryouli, Deurali, Kawaswoti, Kolhuwa, Kumarwarti
Nawalparasi	4806	Hunsekot, Mainaghat, Narayani, Naya Belhani, Prasauni, Tamasariya
Nawalparasi	4807	Benimanipur, Dhurkot, Dumkibas, Rakachuli, Rupauliya, Tribenisusta
Nawalparasi	4808	DawanneDevi, Jamuniya, Pratapapur, Somani
Nawalparasi	4809	Guthi Parsauni, Kudiya, Narsahi, Pakalihawa
Nawalparasi	4810	Baidauli, Bhujhawa, Guthi Suryapura, Thulo Khairatava
Nawalparasi	4811	Badahara Dubauliya, Jahada, Makar, Rampur Khadona
Nawalparasi	4812	Devagaun, Manari, Panchanagar, Sarawal, Tilakpur
Nawalparasi	4813	Harpur, Ramnagar, Rampurwa
Nawalparasi	4814	Gairami, Kusma, Palhi, Swathi
Nawalparasi	4815	Amraut, Banjariya, Hakui, Sanai, Sukrauli, Sunwal
Nawalparasi	4816	Ramgram N.P.
Rupandehi	4900	Lumbini Development
Rupandehi	4901	Chhotaki Ramnagar, Devadaha, Karahiya, Kerbani, Makrahar, Sikatahan
Rupandehi	4902	Bodabar, Chhipagada, Dhakadhai, Pajarkatti, Patkhouli, Pokharvindi
Rupandehi	4903	Aanandaban, Gangoliya, Shankarnagar
Rupandehi	4904	Hati Pharsatikar, Madhbaliya, Tikuligadh
Rupandehi	4905	Basantapur, Chilhiya, Padsari
Rupandehi	4906	Bagaha
Rupandehi	4907	Semalar
Rupandehi	4908	Khadawa Bangai, Motipur, Parroha
Rupandehi	4909	Man Materiya, Manpakadi, Souraha Pharsatikar
Rupandehi	4910	Amuwa, Harnaiya, Mainahiya
Rupandehi	4911	Dudharakchhe, Gajedi, Rudrapur, Saljhundi

District	Ilaka code	Constituent VDCs/Municipalities
Rupandehi	4912	Bisunpura, Dhamauli, Jogada, Sadi, Suryapura
Rupandehi	4913	Dayanagar, Ekala, Khudabagar, Masina, Tenuhawa, Tenuhawa
Rupandehi	4914	Aama, Bhaganpur, Lumbini, Madhuwani, Sipawa
Rupandehi	4915	Betakuiya, Farena, Karauta, Roinihawa, Samera Marchwar, Thumhawa Piprahawa
Rupandehi	4916	Asurena, Bagauli, Bogadi, Majhagawa, Rayapur, Silautiya
Rupandehi	4917	Bairghat, Gonaha, HatiBangai, Kamahariya, Maryadpur, Pakadi Sakron
Rupandehi	4918	Butawal N.P.
Rupandehi	4919	Siddharth Nagar N.P.
Kapilbastu	5001	Banganga, Fulika, Gajehada, Hathausa
Kapilbastu	5002	Baskhaur, Nandanagar, Patariya, Patna
Kapilbastu	5003	Bijuwa, Bithuwa, Hathihawa, Labani, Pipara
Kapilbastu	5004	Abhirawa, Baluhawa, Dumara, Haranampur, Pakadi, Titirkhi
Kapilbastu	5005	Kopawa, Motipur, Nigalihawa, Tilaurakot
Kapilbastu	5006	Dharmpaniya, Jahadi
Kapilbastu	5007	Basantapur, Dohani, Gauri, Parsohiya, Rangapur
Kapilbastu	5008	Bedauli, Gotihawa, Sauraha, Singhkhor, Somdiha
Kapilbastu	5009	Dhankauli, Jayanagar, Mahuwa, Bhalwad, Rajpur
Kapilbastu	5010	Barakulpur, Buddhi, Dubiya, Hariharpur, Mahendrakot
Kapilbastu	5011	Balaramwapur, Bhalubari, Lalpur, Manpur, Thunhiya, Udayapur
Kapilbastu	5012	Baraipur, Harduona, Kajarhawa, Kushhawa, Maharajganj, Sisawa
Kapilbastu	5013	Bhagwanpur, Ganeshpur, Gugauli, Khurhuriya, Ramnagar, Shivagadhi, Sirsihawa
Kapilbastu	5014	Birpur, Bishunpur, Chanai, Jawabhari, Patthardaihiya, Shivapur
Kapilbastu	5015	Ajigara, Bahadurganj, Krishna Nagar, Milmi, Purusottampur, Shipanagar, VidhyaNagar
Kapilbastu	5016	Kapilbastu N.P.
Arghakhanchi	5101	Balkot, Chhatraganj, Chidika, Kerunga
Arghakhanchi	5102	Arghatos, Bhagawati, Mareng, Thulapokhara
Arghakhanchi	5103	Bangi, Dibharna, Khana, Khandaha
Arghakhanchi	5104	Argha, Wangla, Keemadada
Arghakhanchi	5105	Dhakawang, Dharapani, Gokhunga, Hansapur
Arghakhanchi	5106	Simalapani, Sitapur, Subarnakhal, Thada
Arghakhanchi	5107	Jukena, Juluke, Siddhara
Arghakhanchi	5108	Asurkot, Khilji, Nuwakot, Sandhikharka
Arghakhanchi	5109	Khidim, Pathauti, Panena, Pokharathok
Arghakhanchi	5110	Adguri, Dhatiwang, Maidan, Pali
Arghakhanchi	5111	Dhanchaur, Dhikura, Khanchikot, Narapani
Pyuthan	5201	Barjiwang, Bijayanagar, Dakhanwadi, Jumrikanda
Pyuthan	5202	Belwaspur, Kochiwang, Sari, Swargadwarikhal
Pyuthan	5203	Bhingri, Udayapurkot, Gothiwang, Nayagaun
Pyuthan	5204	Bangesal, Dungegadi, Markawang, Tiram
Pyuthan	5205	Baraula, Dangwang, Dhuwang, Hansapur, Pakala
Pyuthan	5206	Bijuli, Khaira, Ramdi, RuspurKot
Pyuthan	5207	Chuja, Dharampani, Maranthana, Pythan Khalanga, Torwang
Pyuthan	5208	Badikot, Narikot, Okharkot, Wangemarot
Pyuthan	5209	Arkha, Khung, Liwang, Puja, Rajbara, Tusara
Pyuthan	5210	Damri, Khawang, Ligha, Lung, Syauliwang
Pyuthan	5211	Bijubar, Dharmawati, Majhakot, Phopli
Rolpa	5301	Dhawang, Gajul, Khumel, Liwang, Whama
Rolpa	5302	Ghodagaun, Jauli Pokhari, Jedwang, Khungri, Masina

District	Ilaka code	Constituent VDCs/Municipalities
Rolpa	5303	Aresh, Mijhing, Sirpa, Tewang, Wadachaur
Rolpa	5304	Gaam, Gumchal, Harjang, Pang, Siuri
Rolpa	5305	Fagaam, Jailwang, Jaimakasala, Seram, Uwa
Rolpa	5306	Bhirul, Kureli, Rangkot, Rangsi, Thawang
Rolpa	5307	Eriwang, Pachhawang, Rank, Talawang
Rolpa	5308	Ghartigaun, Jinawang, Pakhapani, Wot
Rolpa	5309	Bhawang, Jankot, Kareti, Korchawang, Kotgaun
Rolpa	5310	Budagaun, Gairigaun, Jungar, Nuwagaun
Rolpa	5311	Dubaring, Dubidanda, Jhenam, Sakhi
Rukum	5401	Bhalakacha, Khara, Musikot Khalanga, Rugha
Rukum	5402	Chokhawang, Sankha, Sobha, Syalapakha
Rukum	5403	Pipal, Pokhara, Pwang, Sisne
Rukum	5404	Hukam, Jang, Ranmamaikot
Rukum	5405	Kankri, Kol, Rangsi, Taksera
Rukum	5406	Chunwang, Kanda, Mahat, Morawang
Rukum	5407	Arma, Chhiwang, Muru, Pyaugha
Rukum	5408	Chaurjahari, Kholagaun, Kotjahari, Nuwakot
Rukum	5409	Garayala, Ghetma, Purtimkanda, Simli
Rukum	5410	AathbisDanda, AathbisKot, Gautamkot, Syalagadi
Rukum	5411	Baflikot, Duli, Jhula, Magma
Salyan	5501	Kabhrechaur, Kalimati Kalche, Kalimati Rampur, Laxmipur
Salyan	5502	Karagithi, Kavra, Phalawang, Tribeni
Salyan	5503	Dhanwang, Rim, Sarpani Garpa, Sinbang
Salyan	5504	Chadekareni, Damachaur, Korbangjhimpe, Lekhpokhara, Syanikhal
Salyan	5505	Hiwalcha, Khalanga, Marke, Saijuwal Takura
Salyan	5506	Kubhindedaha, Majhkanda, Nigalchula
Salyan	5507	Bajhkanda, Chhayachhetra, Dandagoun, Kajeri, Siddheswari
Salyan	5508	Bame, Devsthal, Dhanjaripipal, Mulkhola
Salyan	5509	Badagaun, Jimali, Kalagaun, Marmaparikanda, Suikot
Salyan	5510	Bhalchaur, Darmakot, Dhakadam
Salyan	5511	Bafukhola, Kotbara, Kotmola, Pipalneta, Shivarath, Tharmare
Dang	5601	Saudiyar
Dang	5602	Hapur, Saidha, Syuja
Dang	5603	Kabhre, Laxmipur, Loharpani
Dang	5604	Gobardiya, Hansipur, Lalmatiya, Sisahaniya
Dang	5605	Chaulahi, Gadhawa, Gangapraspur, Koilabas, Sonpur
Dang	5606	Bela, Rajpur, Satbariya
Dang	5607	Dharna, Phulbari, Rampur, Tarigaun, Urahari
Dang	5608	Goltakuri
Dang	5609	Dhanauri, Hekuli, Shreegaun
Dang	5610	Panchakule, Purandhara
Dang	5611	Baghmare, Pawannagar, Shantinagar
Dang	5612	Bijauri, Halwar
Dang	5613	Dhikpur, Duruwa, Manpur, Narayanpur
Dang	5614	Tribhuwan Nagar N.P.
Dang	5615	Tulsipur N.P.
Banke	5701	Kalaphanta, Kathkuiya, Laxmanpur, Narainapur
Banke	5702	Binauna, Gangapur, Matahiya, Phatepur

District	Ilaka code	Constituent VDCs/Municipalities
Banke	5703	Bejapur, Kanchanapur, Khaskusma, Mahadevpuri
Banke	5704	Kohalpur, Rajhena, Samserganj
Banke	5705	Ganapur, Kamdi, Manikapur
Banke	5706	Banakatti, Betahani, Holiya
Banke	5707	Puraina, Puraini, Udayapur
Banke	5708	Basudevapur, Khaskarkado
Banke	5709	Bhawaniyapur, Hirminiya, Piparhawa
Banke	5710	Banakatawa, Chisapani, Naubasta, Titihiriya
Banke	5711	Raniyapur, Sitapur, Sonapur, Udarapur
Banke	5712	Belbhar, Jaispur, Paraspur, Radhapur, Saigaun
Banke	5713	Bageswari, Belahari, Indrapur, Khajura Khurda
Banke	5714	Nepalgunj N.P.
Bardiya	5800	Royal Bardiya National Park
Bardiya	5801	Belawa, Jamuni, Sorhawa
Bardiya	5802	Kalika, Manpur Mainapokhar
Bardiya	5803	Deudakala, Motipur
Bardiya	5804	Dhadhawar, Magaragadi
Bardiya	5805	Baniyabhar, Padanaha
Bardiya	5806	Mahamadpur
Bardiya	5807	Taratal
Bardiya	5808	Baganaha, Dhodhari, Sanashree
Bardiya	5809	Neulapur, Sivapur, Thakudwara
Bardiya	5810	Khairi Chandanpur, Manau, Suryapatawa
Bardiya	5811	Bhimapur, Manpurtapara, Rajapur
Bardiya	5812	Badalpur, Daulatpur, Nayagaun
Bardiya	5813	Gola, Pasupati Nagar, Patabhar
Bardiya	5814	Gulariya N.P.
Surkhet	5901	Chhinchu, Latikoili, Lekhparajul
Surkhet	5902	Maintada, Mehelkuna, Ramghat
Surkhet	5903	Dharapani, Ghumkhahare, Malarani, Sahare
Surkhet	5904	Dahachaur, Dasarathpur, Gumi, Lekhfarsa
Surkhet	5905	Agragaun, Bajedichaur, Dandakhali, Kafalkot, Kaprichaur, Khanikholla, Rakam
Surkhet	5906	Awalching, Ghoreta, Matela, Pamka, Rajena, Ranibas
Surkhet	5907	Garpan, Kalyan, Neta, Ratu, Satakhani
Surkhet	5908	Jarbuta, Uttarganga
Surkhet	5909	GadiBayalkada, Hariharpur, Kunathari, Lekhgaun, Taranga
Surkhet	5910	Babiyachaur, Chapre, Pokharikanda, Salkot, Tatopani
Surkhet	5911	Betan, Bidyapur, Bijaura, GhatGaun, Guthu, Lagaam
Surkhet	5912	Birendranagar N.P.
Dailekh	6001	Belpata
Dailekh	6002	Bada Khola, Bansi, Bhawani, Kasikandh, Kharigera, Raniban
Dailekh	6003	Baluwatar, Chauratha, Kalika, Nomule, Odhari, Salleri, Toli
Dailekh	6004	Bada Bhairab, Bindhyabasini, Jaganath, Katti, Moheltolee, Pagnath, Room
Dailekh	6005	Awal Parajul, Dada Parajul, Goganpani, Lakuri, Lalikanda, Piladi
Dailekh	6006	Baraha, Khadkawada, Seri
Dailekh	6007	Gamaudi, Gauri, Kal Bhairab, Malika, Naule Katuwal, Pusakot Chiudi
Dailekh	6008	Badalamji, Dullu, Kusapani, Mairi Kalikathum, Nepa, Padukasthan, Rawat Kot
Dailekh	6009	Bisalla, Chamunda, Jambukandh, Lakandra, Lyati Bindraseni

District	Ilaka code	Constituent VDCs/Municipalities
Dailekh	6010	Rakam Karnali, Santalla, Sigaudi
Dailekh	6011	Pipalkot, Sinhasain, Tilepata, Tolijaisi
Dailekh	6012	Narayan N.P.
Jajarkot	6101	Khalanga, Punama
Jajarkot	6102	Bhoor, Jagatipur
Jajarkot	6103	Dandagaun, Dhime, Paink
Jajarkot	6104	Khagenkot, Lahai, Sakala
Jajarkot	6105	Bhagawatitol, Ragda
Jajarkot	6106	Nayakwada, Ramidanda, Rokayagaun
Jajarkot	6107	Daha, Kortrang, Majhakot
Jajarkot	6108	Dasera, Salma, Suwanauli
Jajarkot	6109	Junga Thapachaur, Sima, Thala Raikar
Jajarkot	6110	Archhani, Garkhakot, Pajaru, Talegaun
Jajarkot	6111	Jhapra, Karkigaun
Dolpa	6201	Dunai, Jufal, Majhfal
Dolpa	6202	Pahada, Sunhoo, Tripurakot
Dolpa	6203	Lhna, Likhu
Dolpa	6204	Kalika, Narku, Sarmi
Dolpa	6205	Kaigaun, Rimi
Dolpa	6206	Phoksundo, Raha
Dolpa	6207	Bhijer, Saldang, Tinje
Dolpa	6208	Dho, Lawan, Sahartara
Dolpa	6209	Chharka, Mukot
Jumla	6301	Chandannath, Mahatgaun, Talium
Jumla	6302	Chhumchaur, Dillichaur, Guthichaur, Patarasi
Jumla	6303	Depalgaun, Garjyangkot, Kartikswami
Jumla	6304	Haku, Labhra, Tamti, Tatopani
Jumla	6305	GhodeMahadev, Kudari, Lihi(Rara), Malikathota
Jumla	6306	Badki, Kalikakhetu, Mahabe Pattharkhola
Jumla	6307	Dhapa, Narakot, Shanigaun
Jumla	6308	Birat, Kanakasundari, Pandawagufa
Jumla	6309	Buvramadichaur, Malikabota, Patmara
Kalikot	6401	Dahafulgaun, Manma, Pakha
Kalikot	6402	Badalkot, Nanikot, Ramanakot
Kalikot	6403	Phukot, Sipkhana, Siuna
Kalikot	6404	Mehalmudi, Mumrakot, Raku
Kalikot	6405	Kotbada, Kumalgaun, Lalutantikot, Malkot, Rupsha
Kalikot	6406	Gela, Marta, Mugraha, Sukitaya
Kalikot	6407	Chapre, Chilkhaya, Odanku
Kalikot	6408	Jubika, Phoi Mahadev, Ranchuli
Kalikot	6409	Dholagoh, Khin, Thirpu
Mugu	6501	Karkibada, Pina, ShreeNagar
Mugu	6502	Mangri, Rowa, Ruga
Mugu	6503	Mugu, Pulu
Mugu	6504	Dolphu, Kimari
Mugu	6505	Bhiyee, Jima, Natharpu, Photu
Mugu	6506	Dhainakot, Rara(Gilas), RaraKalai
Mugu	6507	Hyanglung, Kotdanda, Sukhadhik

District	Ilaka code	Constituent VDCs/Municipalities
Mugu	6508	Seri, Shreekot
Mugu	6509	Gumtha, Rumale
Humla	6601	Bargaun, Simikot, Thehe
Humla	6602	Dandafaya, Hepka, Syada
Humla	6603	Khagalgaun, Limi, Muchu
Humla	6604	Chhipra, Kharpunath, Lali
Humla	6605	Baraigaun, Raya, Sarkeedeu, Saya(Sama)
Humla	6606	Gothi, Melchham, Rodikot
Humla	6607	Darma, Mimi, Shreemastha
Humla	6608	Jair, Kalika, Shreenagar
Humla	6609	Madana, Maila
Bajura	6700	Khaptad National Parl
Bajura	6701	Budhiganga, Jugada, Martadi
Bajura	6702	Gotree, Jagannath, Kotila
Bajura	6703	Bai, Jukot, Sapata
Bajura	6704	Baddhu, Bichhaiyan, Rugin
Bajura	6705	Kolti, Pandusain
Bajura	6706	Atichaur, Dahakot, Manakot
Bajura	6707	Dogadi, Gudukhati, Jayabageswori, Kanda
Bajura	6708	Barhabise, Bramhatola, Kuldeumadau
Bajura	6709	Chhatara, Kailashmandau, Tolidewal
Bajhang	6800	Khaptad National Park
Bajhang	6801	Dantola, Dhamena, Kanda, Melbisauni, Sunikot
Bajhang	6802	Bhatekhola, Kotdewal, Mashdev, Rilu
Bajhang	6803	Chainpur, Daulichaur, Rithapata, Subeda, Surma
Bajhang	6804	Hemantabada, Kailash, Luyanta, Malumela
Bajhang	6805	Byasi, Kadel, Lekhgau, Matela
Bajhang	6806	Gadaraya, Kalukheti, Lamatola, Majhigau, Patadewal, Pauwagadhi
Bajhang	6807	Chaudhari, Maulali, Sainpasela
Bajhang	6808	Banjh, Bhairabanath, Bhamchaur, Rayal
Bajhang	6809	Dangaji, Koiralakot, Kotbhairab, Parakatne
Bajhang	6810	Dahabagar, Kaphalaseri, Khiratadi, Pipalkot
Bajhang	6811	Deulek, Deulikot, Sunkuda, Syandi
Achham	6900	Khaptad National Park
Achham	6901	Baijinath, Lungra, Payal, Siudi, Soukat
Achham	6902	Duni, Jalapadevi, Marku, Patalkot, Siddheswor
Achham	6903	Babala, Budhakot, Devisthan, Dhudharukot, Khaptad
Achham	6904	Bindhyawasini, Hatikot, Khodasadevi, Kushkot, Risidaha, Thanti
Achham	6905	Bhagyaswori, Chandika, Mastamandau, Nandegada, Nawathana, Rodikot
Achham	6906	Batulasen, Bhatakatiya, Chaphamandau, Ramarosan, Santada, Sutar
Achham	6907	Baradadivi, Darna, Gajara, Janalikot, Kalika, Timilsain
Achham	6908	Basti, Janalibandali, Kuntibandali, Mangalsen, Oligau, Sera
Achham	6909	Bannatoli, Birpath, Jupu, Kalagau, Malatikot
Achham	6910	Binayak, Kalekanda, Kalikasthan, Layati, Pulletala, Toli, Warla
Achham	6911	Bayala, Bhuli, Chalsa, Dhaku, Dhamali, Kuika
Achham	6912	Dhakari, Dhodasain, Dhungachalna, Hichma, Mashtabamdali, Walanta
Achham	6913	Bhairabsthan, Nada, Rahaph, Raniban, Tosi, Turmakhad
Doti	7000	Khaptad National Park

District	Ilaka code	Constituent VDCs/Municipalities
Doti	7001	Kalena, Ladagada
Doti	7002	Ganjari, Gaihragau, Kadamadaun, Khirsain, Pokhari, Sanagau
Doti	7003	Banlek, Chhapali, Daud, Khatiwada, Toleni
Doti	7004	BanjaKakani, Dahakalikasthan, Girichauka, Kalikasthan, Mahadevsthan
Doti	7005	Jijodamandau, Lamikhal, Latamandau, Wagalek, Warpata
Doti	7006	Ghanteswar, Chhatiwan, Laxmi Nagar, Saraswotinagar
Doti	7007	Barchhen, Gadasera, Mannakapadi, Nirauli
Doti	7008	Dhirkamandu, Dhanglagau, Lana Kedareswor, Satphari, Simchaur
Doti	7009	Chawarachautara, Gagauda, Kanachaur, Kedar Akhada
Doti	7010	Durgamandau, Bhumirajmandau, Basudevi, Ranagau, Tikhatar
Doti	7011	Kapalleki, Mudabhara, Mudhegau, Pachanali, Tijali
Doti	7012	Dipayal Silgadhi N.P.
Kailali	7101	Dansinhapur, Narayanpur
Kailali	7102	Durgauli, Janakinagar, Munuwa, Pathariya
Kailali	7103	Dododhara, Kota Tulsipur, Sugarkhal
Kailali	7104	Baliya, Chauha, Pratapapur
Kailali	7105	Masuriya, Mohanyal, Pandaun, RamsikharJhala
Kailali	7106	Darakh, Pahalmanpur, Sadepani
Kailali	7107	Basauti, Hasuliya, Pawera, Ratnapur
Kailali	7108	Bhajani, Khailad, Lalbojhi
Kailali	7109	Boniya, Joshipur, Thapapur
Kailali	7110	Gadariya, Phulbari, Udasipur, Urma
Kailali	7111	Godawari, Malakheti, Sahajpur, Sreepur
Kailali	7112	Chaumala, Khairala, Nigali
Kailali	7113	Beladevipur, Geta
Kailali	7114	Dhangadhi N.P.
Kailali	7115	Tikapur N.P.
Kanchanpur	7200	Royal Shuklaphanta
Kanchanpur	7201	Krishnapur, Raikawar Bichawa
Kanchanpur	7202	Baisi Bichawa, Kalika, Laxmipur
Kanchanpur	7203	Parasan, Tribhuwanbast
Kanchanpur	7204	Beldandi, Rampur Bilaspur
Kanchanpur	7205	Pipaladi, Rauteli Bichawa
Kanchanpur	7206	Dekhatbhuli, Shankarpur, Sreepur
Kanchanpur	7207	Chandani, Dodhara
Kanchanpur	7208	Mahendranagar N.P.
Kanchanpur	7210	Suda
Kanchanpur	7211	Daijee, Jhalari
Dadeldhura	7301	Amargadhi N.P.
Dadeldhura	7302	Koteli, Manilek
Dadeldhura	7303	Belapur, Mashtamandau, Nawadurga
Dadeldhura	7304	Ashigram, Ganeshpur, Kailapalamandau
Dadeldhura	7305	Gankhet
Dadeldhura	7306	Alital, Jogbuda, Sirsha
Dadeldhura	7307	Bagarkot, Bhageswor, Rupal
Dadeldhura	7308	Chipur, Dewal Dibyapur
Dadeldhura	7309	Ajayameru, Bhadrapur, Samejee
Baitadi	7401	Basantapur, Maharudra, Melauli, Salena

District	Ilaka code	Constituent VDCs/Municipalities
Baitadi	7402	Basuling, Bhumeswor, Gurukhola, Maunali, Patan
Baitadi	7403	Kaipal, Sakar, Siddhapur, Siddheswor, Silanga
Baitadi	7404	Chaukham, Dhungad, Rauleswor, Shankarpur, Shikharpur
Baitadi	7405	Gajari, Gujar, Shivaling, Sikash, Thalakanda
Baitadi	7406	Dasharathchanda N.P.
Baitadi	7407	Dehimandau, Durga Bhabani, Durgasthan, Gwallek, Nagarjun
Baitadi	7408	Amchaur, Giregada, Kulau, Pancheswor, Raudidewal
Baitadi	7409	Bilashpur, Mahakali, Sarmali, Shibanath, Udayadeb
Baitadi	7410	Deulek, Dhikasintad/Sitad, Hatraj, Nwali, Sree Kedar, Sreekot
Baitadi	7411	Dilasaini, Gokuleswor, Kotpetara, Mahadevsthan, Mathairaj, Rudreswor
Baitadi	7412	Bijayapur, Dhikarim/Rim, Kataujpani, Malladehi, Talladehi
Baitadi	7413	Bhatana, Bumiraj, Hat, Kotila, Kuwakot, Nwadeu
Darchula	7501	Byash, Dhaulakot, Rapla, Sunsera
Darchula	7502	Dhari, Hikila, Huti, Pipalchauri
Darchula	7503	Bramhadev, Chhapari, Kante, Khalanga
Darchula	7504	Bhagawati, Dhap, Malikarjun, Sankarpur
Darchula	7505	Dattu, Lali, Uku
Darchula	7506	Dadakot, Hunainath, Kharkada
Darchula	7507	Boharigau, Gwani, Rithachaupata, Sharmauli
Darchula	7508	Dethala, Gokuleswor, Ranisikhar
Darchula	7509	Seri, Sikhar, Sitaula, Tapoban
Darchula	7510	Ghusa, Guljar, Khandeswori, Latinath
Darchula	7511	Dhuligada, Eyarkot, Khar, Sipti

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