

ICPSR 22626

India Human Development Survey (IHDS), 2005

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User Guide

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India Human Development Survey

Users' Guide: Wave 1 (2004-5)

Release 03
February 2010

Documentation (this file)	ihds1usersguide03.pdf
Data Files:	
Household data	22626-0002-Data.dta
Individual data	22626-0001-Data.dta
Medical Facility data	22626-0003-Data.dta
Nonresident data	22626-0004-Data.dta
School data	22626-0005-Data.dta
Birth history data	22626-0006-Data.dta
Village data	22626-0007-Data.dta
Crop data	22626-0008-Data.dta
Codebooks:	
Household codebook	22626-0002-Codebook.pdf
Individual codebook	22626-0001-Codebook.pdf
Medical Facility codebook	22626-0003-Codebook.pdf
Nonresident codebook	22626-0004-Codebook.pdf
School codebook	22626-0005-Codebook.pdf
Birth history codebook	22626-0006-Codebook.pdf
Village codebook	22626-0007-Codebook.pdf
Crop codebook	22626-0008-Codebook.pdf
Questionnaires:	
Income & Social Capital questionnaire*	ihds1hhq.pdf
Education & Health questionnaire	ihdse1hq.pdf
Learning tests	ihds1learning.pdf
Medical Facility questionnaire	ihds1medicalq.pdf
School questionnaire	ihds1schoolq.pdf

*formerly names the Household and Economic questionnaire.

Cataloging information:

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Data file release 03

Files: Household file:	22626-0002-Data.dta (N=41,554; variables=937)
Individual file:	22626-0001-Data.dta (N=215,754; variables= 211)
Medical Facility data	22626-0003-Data.dta (N=3,777; variables=130)
Nonresident data	22626-0004-Data.dta (N=4,761; variables=25)
School data	22626-0005-Data.dta (N=3,782; variables=102)
Birth history data	22626-0006-Data.dta (N=93,820; variables=32)
Village data	22626-0007-Data.dta N=1,501; variables=378)
Crop data	22626-0008-Data.dta (N=40,772; variables=21)

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India Human Development Survey

Users' Guide

Release 03

Abstract

The India Human Development Survey 2005 (IHDS) is a nationally representative, multi-topic survey of 41,554 households in 1503 villages and 971 urban neighborhoods across India. Two one-hour interviews in each household covered health, education, employment, economic status, marriage, fertility, gender relations, and social capital. Children aged 8-11 completed short reading, writing and arithmetic tests. Additional village, school, and medical facility interviews will be available later. IHDS was jointly organized by researchers from the University of Maryland and the National Council of Applied Economic Research (NCAER), New Delhi. Funding for the survey was provided by the National Institutes of Health, grants R01HD041455 and R01HD046166.

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Description

Abstract:

The India Human Development Survey 2005 (IHDS) is a nationally representative, multi-topic survey of 41,554 households in 1503 villages and 971 urban neighborhoods across India. Two one-hour interviews in each household covered health, education, employment, economic status, marriage, fertility, gender relations, and social capital. Children aged 8-11 completed short reading, writing and arithmetic tests. Additional village, school, and medical facility interviews will be available later. IHDS was jointly organized by researchers from the University of Maryland and the National Council of Applied Economic Research (NCAER), New Delhi. Funding for the survey was provided by the National Institutes of Health, grants R01HD041455 and R01HD046166.

Purpose:

IHDS has four characteristics that make it unique among Indian surveys:

- breadth of topics;
- depth of human development indicators;
- a panel component;
- a rich array of contextual measures.

Breadth. IHDS was designed to complement existing Indian surveys by bringing together a wide range of topics in a single survey. This breadth permits analyses of associations across a range of social and economic conditions. For example, studying children's outcomes (e.g., learning, immunizations) requires joint consideration of the role of poverty, family structure, gender relations, community context, and the availability of facilities. All of these are available in IHDS.

Depth. Studies of human development have traditionally focused on a well accepted set of social and economic indicators (e.g., poverty, school enrollments). Most of these indicators are available in IHDS but have been supplemented with additional measures that provide a fuller understanding of actual human development. For example, IHDS measures not only school enrollments but children's actual achievements in reading, arithmetic, and writing. Also, the usual consumption based measures of living standards are supplemented with detailed questions on the levels and sources of income in order to better understand how the household came to its current economic position.

Panel. 13,900 rural households were interviewed in a 1993-94 by NCAER that used many of the measures in IHDS. Comparisons with the earlier survey permit a disaggregation of net changes over time into components of changes in different directions. These outcomes enable analyses of the characteristics of which households have changed. (Not available in Release 01).

Contexts. In addition to the household surveys, IHDS includes village, school, and medical facility surveys. Extensive Census data are also available to be merged for contextual analyses at the village, district, and state levels. (Not available in Release 01).

Within the household survey, several sections focus on the household's connections to the wider community.

All of these features make IHDS especially useful for analyzing causal patterns underlying changes in human development. However, users who are primarily interested in descriptions of current levels of a particular human development indicator might prefer surveys with larger samples that are more narrowly focused on that topic (e.g., the National Sample Surveys, the Sample Registration System, or the National Family Health Survey). Users who want a state-level measure of a particular human development outcome are especially cautioned against relying exclusively on the smaller state samples of IHDS.

File descriptions:

Release 03 has eight files:

Files: Household file:	22626-0002-Data.dta (N=41,554; variables=937)
Individual file:	22626-0001-Data.dta (N=215,754; variables= 211)
Medical Facility data	22626-0003-Data.dta (N=3,777; variables=130)
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Crop data	22626-0008-Data.dta (N=40,772; variables=21)

Future releases will include:

- Wage and salary jobs
- India Primary Census Abstract District data

Merging and Linking Files:

Merging the household and individual files should be easy. Sort both by stateid distid psuid hhid hhsplitid (or by idhh which is the 10-byte equivalent) and merge or link using those sort variables. There are no household records without at least one individual record and no individual records without a household record.

Merging the eligible woman data from the household file with her individual information from the individual file should also be straightforward. The variable EWxx is the eligible woman's person id on both the household and individual files. It is blank (.a) on households without an eligible woman, and blank for all individuals who are not eligible woman. Records with a blank EWxx can be dropped.

Website:

A website describing IHDS and available for downloading documentation is available at:
<http://ihds.umd.edu/index.html>

Data Access:

Data from wave 1 of the India Human Development Survey are publicly available from the Inter-University Consortium for Political and Social Research (ICPSR), study # 22626. The data have been further processed by Data Sharing for Demographic Research.

<http://www.icpsr.umich.edu/icpsrweb/DSDR/studies/22626>

Data are free to all users. ICPSR asks that you login with your email id and a password. You can then download all data and documentation.

Data from wave 2 (2011-2012) are also available from ICPSR:

<http://www.icpsr.umich.edu/icpsrweb/DSDR/studies/36151>

LIS cross national data center in Luxembourg:

The income, employment, and some other data are available from the LIS data center

<http://www.lisdatacenter.org/>

where they have been harmonised for easy comparison with a wide variety of other middle- and high- income countries.

Email:

Send questions to ihdsinfo@gmail.com

You can also request to be put on an email list for periodic announcements from there.

Twitter:

IHDS also makes announcements of data releases, new publications, and other items of interest over twitter. You can follow the project at @ihdscorner

Missing Values:

NB: as of release 03, missing value codes have not been successfully implemented.

<u>ICPSR</u>	<u>IHDS</u>	
-1	.a	Valid skip, blank
-2	.b	Valid skip, 9s (or 99s, etc.)
-3	.c	Don't know, 8s (or 88s, 98s, etc.)
-4	.d	Invalid skip
-5	.e	Out of range
-6	.f	Inconsistent
-7	.o	Valid skip, zero recorded

These values are labeled in the data files for some, but not all, variables. In release 03 there are some variables with a simple blank (".") not recoded into one of the above categories. Also, in release 03, the distinction between valid skip (.a) and invalid skip (.d) is not always reliable. These problems will be fixed in later releases.

In the following sections of the individual file, the questionnaire listed only those household members who fit some criteria (e.g., had a fever, cough, or diarrhoea). If a household member did not fit the overall criteria, then they would be missing (“.”) for the entire section. Users will usually want to recode these missing values to zero (“No”) for many of the variables in these sections.

<u>Section</u>	<u>ID Variable</u>
Farm work	fm28, fm31
Animal work	an5, an7
Nonfarm business work	nf7, nf16, nf25
Computer knowledge	mm6
Current students	cs2
Short term morbidity	sm1
Major morbidity	mb1
Activities of daily living	ad1
Tobacco and alcohol	to1

Survey Methodology:

The survey was carried out in face-to-face interviews containing the following modules:

1. An interview with a knowledgeable informant – typically the head of the household – regarding socio-economic condition of the household including income, employment, educational status and consumption expenditure.
2. An interview with an ever-married woman aged 15-49 regarding health, education, fertility, family planning, marriage, and gender relations in the household and community.
3. Short reading, writing, and arithmetic knowledge tests were administered to all available children aged 8-11 in the household. These tests were developed in collaboration with researchers from Pratham, India, and were pretested to ensure comparability across languages.
4. Height and weight measurement of children under age 5, aged 8-11, and their mothers.
5. Facilities assessment of one government and one private primary school and primary health care facility in the community.
6. Village questionnaire assessing employment opportunities and infrastructure facilities in the village.

The survey instruments were translated into 13 Indian languages and were administered by local interviewers.

Sample:

IHDS was conducted in all states and union territories of India (with the exception of Andaman Nicobar and Lakshadweep). The sample consists 27,010 rural and 13,126 urban households. The sample was drawn using stratified random sampling and contains 13,900 rural households who were interviewed in 1993-94 in a previous survey by NCAER and 28,428 new households. Of the 612 districts in India in 2001, 382 are included in IHDS. The sample is spread across 1503 villages and 971 urban blocks.

Fieldwork:

The fieldwork was carried out by 24 collaborating institutions under the supervision of the National Council of Applied Economic Research (NCAER), New Delhi. Locally knowledgeable and linguistically fluent interviewers were hired by the collaborating institutions and trained by senior project personnel from NCAER and the University of Maryland. A team of one male and one female interviewer visited each home; women respondents were interviewed by women interviewers whenever possible.

Fieldwork began in November 2004 and was mostly completed by October 2005.

Sampling

The IHDS household sample (N=41,554) is a composite of several separate sub-samples that were each drawn somewhat differently. The basic division is between a re-interview sample of households previously interviewed mostly in 1994-5 for the Human Development Profile of India (HDPI), N = 13,900, and new households, N= 27,654, but each of these divisions are themselves comprised of distinct components.

Re-interview households:

- 1 Re-interview households (N = 13,900)
 - 1a Re-interview of HDPI (N=13,126)
 - 1a1 Original: total village (N=9,399)
 - 1a2 Original: partial village (N=2,165)
 - 1a3 Substitute: partial village (N=1,562)
 - 1b Re-interview of Karnataka study (N= 774)

New households:

- 2 Replacement sample for lost village listings of HDPI (N = 4051)
 - 2a All district listings lost (N= 1,856)
 - 2b Some village listings lost within a district (N= 2,195)
- 3 Refresher sample from HDPI districts (N = 7,843)
- 4 Extension sample from states and union territories not sampled in 1994 (N = 1216)
- 5 Urban sample (N = 14,544)

1. Re-interviews. The 1994-1995 HDPI survey included a sample of 33, 230 rural households that were eligible for re-sampling for IHDS. The IHDS goal was to re-interview half of these households. We estimated that 20% of the households would have divided into two or more split households in the intervening ten years. All split households that remained within the village would be re-interviewed. We anticipated not being able to contact 20% of the households because of migration, death or other reasons, leaving a projected sample of about 15,000 households.

The HDPI sampling design was a complicated stratified sample so it was not possible simply to choose a random half of the villages for re-interviews: that would have resulted in some strata being over-represented and others under-represented. On the other hand, selecting a random half of the households within each strata would have required re-visiting almost all of the HDPI villages, a too costly option. A compromise was reached in which HDPI villages were randomly ranked within each district and households were sampled within each strata according to this ranking. Thus, within stratum 1, households were first sampled from stratum 1 households in village #1, then from stratum 1 households in village #2, and so on until half of the stratum 1 households had been re-sampled. A similar procedure was followed with stratum 2 households and all the remaining strata.

The resulting sample usually included all the HDPI households from village #1 and other high ranking villages; and no households from low ranking villages. In middle-ranking villages, only some households were selected for re-interview, depending on

their strata and whether the 50% quota from that strata had been reached. If only one or two households were selected for re-interview in a particular village, we dropped those households from the re-interview sample.

Thus, the “original” sample households can be divided into a “total village” re-interview sample and a “partial village” re-interview sample. We did not anticipate being able to re-contact all households, so within each strata for each district, alternative (“replacement”) households were designated. When a stratum quota was not met in a district, these alternative households were selected into the re-interview sample. The replacement/ alternative sample was, by definition, taken from the “partial re-interview villages” (although if enough replacements were chosen, it is possible that some of these “partial re-interview” villages may eventually have been totally re-interviewed).

In the early phase of fieldwork, these replacement households were taken from the same district. Towards the end of the fieldwork, any same-stratum alternative household within the state was used as a replacement.

2. HDPI replacement villages. When HDPI was fielded in 1994, there was no anticipation that it would be used as the base for a future panel study. Thus it was quite fortuitous that sufficient records were available to trace the original households. Nevertheless, those records were quite limited. No names or addresses were available from either the electronic records or any remaining questionnaires.

The most important existing record was the household listing that created the sampling frame within each village. This household listing was, in fact, the main source even for the names of the HDPI villages. These village names were matched against lists from the 1991 census. Alternative spellings, multiple villages with the same names, and villages with alternative names created uncertainties for identifying some villages that had to be resolved by field inquiries.

The household listing provided names of all household heads in the village (or, for large villages, the section of the village that was sampled for a complete listing). While heads' names were central, the listings also provided a very limited amount of additional information needed for identifying in which stratum the household fell. Religion and broad caste community (scheduled caste or scheduled tribe) were recorded, but in many villages these did not vary across households. Somewhat more helpful in identifying households were a broad occupational classification and, if a cultivator, size of landholding. And, most importantly, the listing sheet identified which households had been selected into the sample.

Armed with information from this listing, plus a record of the 1994 households composition by age and sex, interviewers quizzed village leaders about who these households were and where they now lived. In almost all cases, the village leaders were able to identify the households, whether they remained in the village, and if the households had split. The households themselves usually recalled in some detail the visits of the two interviewers over a decade earlier and thus confirmed these identifications.

Unfortunately, this happy story could not be repeated in all places. Household listings for some villages had been permanently lost. In a few states (notably Karnataka, Kerala, U.P. and some districts in Andhra Pradesh) no household listings could be found for entire districts. These two situations were handled somewhat differently.

HDPI households from a missing village within an otherwise completely identified district were included in the population from which the re-interview sample was selected. If, in drawing the 50% re-interview sample, a household was selected from a village with no household listing, interviewers drew a new household sample of the same size from that village.

In districts where all HDPI house listings had been lost, HDPI villages were ranked randomly and the first five villages were selected. In these five villages, a fresh household listing was completed and a sample of 20 households was drawn from this listing.

In Karnataka, where listings from several districts were lost, IHDS took advantage of a later NCAER study that included many of the same questions as the 1994 HDPI. Households from that survey were randomly selected in similar proportions to the sampling of HDPI households.

3 Refresher Sample. A new sample of households was drawn in each of the HDPI districts. Two villages were randomly chosen from the census list of 1991 villages in the districts with probability proportional to population size. Villages were sorted by a random number within randomly sorted tehsils and listed together with the cumulative population. A sampling interval was determined based on a third of the total district rural population, and the computer program identified a random starting point within that population interval. The starting point and the intervals identified two sample villages and a reserve village. Twenty households were sampled from each of the selected villages based on a fresh village listing.

4. Extension sample. IHDS was conducted in eleven states and union territories that had not been included in the original HDPI universe. Depending on the size of the state, three, six or (for Jammu & Kashmir) twenty villages were sampled with probability proportional to size from the 1991 census village listing. These states and the number of sampled villages are:

Arunachal Pradesh	6
Goa	6
Jammu & Kashmir	20
Manipur	6
Meghalaya	6
Mizoram	3
Dadra & Nagar Haveli	3
Daman & Diu	3
Delhi	6
Pondicherry	3

For all states except Jammu & Kashmir, villages were sorted by a random number within randomly sorted districts and listed together with the cumulative population. A sampling interval was determined based on a proportion of the total state rural population that would yield the desired number of the villages plus one reserve village. A random starting point was chosen from within this interval. The starting point and the intervals

identified the villages to be sampled. Twenty households were sampled on each of the selected villages using a fresh village listing.

In Jammu and Kashmir, this process was modified so that four districts were first randomly selected from the state and then five villages and a reserve were sampled from each of these districts with probability proportional to size. For Jammu and Kashmir, we had to wait for the publication of the 2001 census village listing and population sizes since no census was conducted in Jammu and Kashmir in 1991.

5. Urban sample. HDPI only collected data in rural areas. Therefore, we drew a new sample for urban areas for IHDS. The urban sample was based on the 2001 Indian Census list of all Indian towns and cities. Some states and territories were combined for the purpose of drawing the sample: Chhattisgarh and Madhya Pradesh, Jharkhand and Bihar, Chandigarh and Punjab, Delhi and Haryana, Dadra & Nagar Haveli and Daman & Diu and Maharashtra. The small island territories of Lakshadweep and the Andaman & Nicobar Islands were excluded from the sampling frame. This left 27 “states” (of the actual 35 states and union territories) from which samples were drawn.

These “states” were originally divided into four size groups with different target samples (1125, 900, 630, and 315 households). This was later amended to include a separate group of very small states (45 household target); Uttaranchal was also given a separate category with a target of 135 households.

The minimum number of households that would be interviewed in a town was 45: 15 households in each of three Census-defined neighborhoods. Once a town was selected, the Census drew the requested number of neighborhoods randomly from their (non-public) list of neighborhoods and supplied (2001) maps of the selected neighborhoods. Each decade, the Census draws these neighborhoods of approximately equal size (about 200(?) households) in all Indian towns and cities. With the Census maps as a guide, interview teams visited each neighborhood, updated the list of households, and drew a sample of 15 households from the updated list.

Towns were sampled from the 2001 Census list with probabilities proportional to their population. The list of towns was first sorted by population size within each “state”. The number of intervals for each “state” were calculated as the targeted number of households divided by 45 (the minimum sample size). The total urban population in each “state” was divided by this number of intervals to determine an interval size; a random starting point was selected within the first interval; and towns were selected if the interval fell within the town’s cumulative population. Larger cities were selected multiple times with this method and the number of neighborhoods determined by this multiple.

Constructed Variables

(see also: http://ihds.umd.edu/constructed_var.html)

Case and Geographic Identification:

caseid idhh idpsu stateid2 distname dist01urban metro6 sweight

Consumption

copc colx-col4x

Counts

Npersons Nchildren Nteens Nadults Nmarriedf Nmarriedm

Education (household)

hhed5adult hhed5f hhed5m

Employment

wkany wkfarm wkanimal wkagwage wknonag wksalary wkbusiness
Nwork Nfarm Nanimal Nagwage Nnonag Nsalary Nbusiness

Household Assets

hhassets

Income

income incagwage incnonag incsalary incfarm incbus incremit incgovt incother

Poverty

pcpl poor

Social Groups

groups8

Constructed Variables: Case and Geographic Identification

IHDS households are uniquely identified by the combination of stateid + distid + psuid + hhid + hhsplitid (where “+” signifies concatenation, not addition). In the individual file, persons are uniquely identified by the combination of those variables + personid. Several other identification variables are available to assist in sorting and merging files and for identifying geographic areas.

Variable	Obs	Unique	Mean	Min	Max	Label
stateid	41554	33	18.78	1	34	State code
distid	41554	61	14.69	0	68	District code
psuid	41554	39	5.76	1	39	PSU: village/neighborhood code
hhid	41554	52	9.22	1	52	Household ID
hhsplitid	41554	8	0.41	0	7	Split household ID
caseid	41554	41554	.	.	.	HH id: 11 byte string
idhh	41554	41554	181680422.0	10201010	340006150	HH id 9-digit unique
idpsu	41554	2474	189288.0	10201	340006	PSU id 6-digit unique
stateid2	41554	22	483.18	101	733	State codes, collapsed
distname	41554	373	1892.80	102	3400	District codes with names
dist01	41554	61	14.67	0	68	H1sp: District ID Census 2001
urban	41554	2	0.36	0	1	Census: 2001 village/town
metro6	4133	6	2.97	1	6	Largest 6 metro areas 1-6
sweight	41554	1526	4623.48	220.0	308216.4	Design weights

caseid: There is a string variable named caseid in both the hh and ind files, but they are different variables! In the hh file, caseid uniquely identifies each household (i.e., = stateid + distid + psuid + hhid + hhsplitid) while in the ind file caseid uniquely identifies each person (i.e., = stateid + distid + psuid + hhid + hhsplitid + personid).

idhh: idhh is a long integer variable that uniquely identifies each household. idhh is calculated as stateid*10000000 + distid*100000 + psuid*1000 + hhid*10 + hhsplitid.

idpsu: idpsu is a long integer variable that uniquely identifies each primary sampling unit (psu). It is useful for identifying survey clusters in some statistical analyses. idpsu is calculated as stateid*10000 + distid*100 + psuid.

stateid2: stateid2 is a slightly collapsed version of stateid that creates 22 states and state groups from the 33 states in IHDS. stateid2 also sorts the states into a slightly different regional order. Chandigarh is collapsed into Punjab. All Northeast states and Sikkim are treated as a single group. Daman and Diu is collapsed into Gujarat. Dadra and Nagar Haveli is also collapsed into Gujarat. Goa is collapsed into Maharashtra. Pondicherry is collapsed into Tamil Nadu.

dist01: District identifiers in IHDS (distid) are generally the census 2001 district identification number. In a small number of cases (317 households), distid does not

record the correct census code. The correct 2001 census code is always given in dist01. However, dist01 should not be used for sorting or identifying households since psu and household ids are not unique within dist01. stateid is always the 2001 census state code.

distname: distname is a 4 digit integer code combining the 2001 census state and district codes. Value labels provide the name of each district.

urban: This dichotomy identifies every primary sampling unit that was in an urban area as identified by the 2001 census. It differs slightly from the code recorded in the urban/rural variable, id9, on the household survey which was created from the sampling design. 19 rural psus in the sampling design were changed to urban areas in the 2001 census.

sweight: The IHDS sample is a complex combination of rural and urban samples (see the section on samples). To calculate population estimates for India or for individual states, sweight is needed as a design weight in all analyses.

metro6: The six largest metropolitan areas (Mumbai, Delhi, Kolkata, Chennai, Bangalore, and Hyderabad) are identified as codes 1-6 in metro6 – households in all other areas are coded as missing. Metropolitan areas were defined as any district included in the census definition of “urban conglomerates” for each of these six areas. These districts often include both urban and rural areas; *all* parts are included in the metro6 categories. Delhi is a slight exception to this definition. The Census of India does not allow urban conglomerates to cross state boundaries, although parts of U.P. and Haryana are clearly part of the larger Delhi metropolitan area. To correct for this, Gurgaon district in Haryana and Ghaziabad and Gautam Buddha Nagar districts in U.P. are included as part of the Delhi metropolitan area.

Constructed Variables: Consumption

Variable	Obs	Unique	Mean	Min	Max	Label
copc	41491	3839	955.09	4	39273	HH19 12. Monthly consumption per capita

IHDS asked a series of 47 questions about household consumption designed to estimate total household consumption expenditures (see the household questionnaire pages 19-21). These questions were modeled on the short form of the National Sample Survey. The total expenditure is often used as the best measure of the household's current economic level. The first thirty, more frequently purchased items, used a 30-day time frame while the remaining 17 items used an annual time frame. The variable, *cototal*, reports expenditures on a monthly basis, so items *co31-co47* were divided by 12 before being summed in the final variable.

Total monthly consumption had to be calculated for the first fourteen consumption items (page 19 of the questionnaire). These totals are stored as *co1x*, *co2x*, ... *co14x* on the data file.

The first five consumption items (rice, wheat, sugar, kerosene, and other cereals) could be purchased in PDS (public distribution system) shops, purchased in the market, or home produced (except kerosene). Total monthly expenditures for these items was calculated from the household's report of the quantity and price purchased from PDS shops plus the report of the quantity home-produced or purchased in the market times the reported market price. Market and home-produced quantities were calculated from the difference between PDS purchases and the total consumed.

For the next nine items, the household could report either the quantity consumed and the market price, or the total value of the items consumed. Sometimes, interviewers reported all three values. In rare cases where all three values were reported there was a discrepancy (the total value did not equal the quantity times the price). In these cases IHDS used the quantity and price reports and disregarded the total value report. The final consumption total was calculated as the sum of the constructed variables *co1x* to *co14x*, the monthly items *co15* to *co30*, and one twelfth of the annual items *co31* to *co47*.

Variable	Description	Questionnaire	Page	Section	Q #	Mean	Std. Dev.	Min	Max	% > 0
co1x	Rice	HH	19	12	1	327.6	293.9	0	7,200	96%
co2x	Wheat	HH	19	12	2	164.8	197.2	0	3,150	75%
co3x	Sugar	HH	19	12	3	78.4	86.1	0	2,200	94%
co4x	Kerosene	HH	19	12	4	42.6	48.7	0	900	82%
co5x	Other cereals	HH	19	12	5	34.8	99.6	0	7,750	32%
co6x	Cereal products	HH	19	12	6	43.6	72.3	0	2,000	63%
co7x	Pulses	HH	19	12	7	97.7	88.1	0	2,500	95%
co8x	Meat	HH	19	12	8	119.9	180.4	0	6,000	62%
co9x	Sweeteners	HH	19	12	9	27.7	49.8	0	2,336	56%
co10x	Edible oil	HH	19	12	10	153.1	109.8	0	1,800	97%
co11x	Eggs	HH	19	12	11	18.0	46.4	0	2,280	43%
co12x	Milk	HH	19	12	12	223.1	301.9	0	6,750	73%
co13x	Milk products	HH	19	12	13	66.8	217.4	0	20,000	39%
co14x	Vegetables	HH	19	12	14	209.6	197.8	0	9,000	96%
co15	Salt/spices	HH	20	12	15	85.8	84.3	0	3,500	100%
co16	Other Food	HH	20	12	16	75.7	96.8	0	5,000	92%
co17	Paan/tobac/intox	HH	20	12	17	75.8	148.0	0	8,000	66%
co18	Fruits/nuts	HH	20	12	18	58.6	109.6	0	5,000	62%
co19	Eating out	HH	20	12	19	42.5	141.9	0	6,000	28%
co20	Fuel/Light	HH	20	12	20	213.6	290.4	0	9,300	72%
co21	Entertainment	HH	20	12	21	19.2	104.3	0	10,000	14%
co22	Telephone	HH	20	12	22	89.2	260.2	0	12,000	38%
co23	Personal care	HH	20	12	23	13.8	55.5	0	6,000	24%
co24	Toiletries	HH	20	12	24	62.1	71.5	0	6,300	95%
co25	HH items	HH	20	12	25	77.9	88.1	0	4,000	92%
co26	Conveyance	HH	20	12	26	198.5	453.5	0	29,000	71%
co27	House/Other rent	HH	20	12	27	56.5	316.8	0	14,400	9%
co28	Consumer tax/fees	HH	20	12	28	25.4	300.7	0	30,000	20%
co29	Services servants	HH	20	12	29	32.2	263.4	0	16,000	23%
co30	Medical out-patient	HH	20	12	30	246.2	774.3	0	70,000	58%

Variable	Description	Questionnaire	Page	Section	Q #	Mean	Std. Dev.	Min	Max	% > 0
co31x	Medical in-patient	HH	21	12	31	176.6	915.0	0	66,667	32%
co32x	School	HH	21	12	32	112.0	409.3	0	25,000	53%
co33x	School books	HH	21	12	33	66.6	165.3	0	7,083	58%
co34x	Clothing/bedding	HH	21	12	34	154.0	192.7	0	6,667	96%
co35x	Footwear	HH	21	12	35	38.7	57.5	0	4,167	94%
co36x	Furniture/fixtures	HH	21	12	36	10.5	90.0	0	8,333	11%
co37x	Crockery/utensils	HH	21	12	37	8.3	35.2	0	4,167	34%
co38x	HH appliances	HH	21	12	38	7.2	82.1	0	7,500	7%
co39x	Recreation goods	HH	21	12	39	13.4	100.6	0	7,500	9%
co40x	Jewelry	HH	21	12	40	43.3	337.8	0	25,000	12%
co41x	Transport equipt	HH	21	12	41	49.5	665.6	0	66,667	35%
co42x	Therapeutic app	HH	21	12	42	1.4	21.7	0	2,083	3%
co43x	Other personal	HH	21	12	43	9.1	93.5	0	7,500	19%
co44x	Repair/maintenance	HH	21	12	44	98.3	904.4	0	41,667	27%
co45x	Insurance premiums	HH	21	12	45	73.6	271.5	0	10,417	19%
co46x	Vacations	HH	21	12	46	16.1	97.6	0	6,667	17%
co47x	Social functions	HH	21	12	47	200.7	1,141.7	0	66,667	84%
copc	Monthly per capita consumption	HH	19-21	12	1-47	871.0	889.6	0	39273	100%

Constructed Variables: Counts of Individuals within Households

IHDS households varied from one to 38 persons in size. Counts of total persons and various categories are taken from the household roster and other sections of the individual file.

variable name	label	Ques- tion- naire	page	sec- tion	Mean	Std. Dev.	Min	Max
Npersons	N in hh	HH	4	2	6.40	3.08	1	38
Nchildren	N 0-14 in hh	HH	4	2	2.25	1.87	0	17
Nteens	N 15-21 in hh	HH	4	2	0.91	1.07	0	8
Nadults	N 22+ in hh	HH	4	2	3.23	1.67	0	18
Nmarriedf	N married women in hh	HH	4	2	1.46	0.86	0	8
Nmarriedm	N married men in hh	HH	4	2	1.39	0.84	0	8

Constructed Variables: Education (household)

IHDS collected several useful educational measures for individuals such as literacy (ed2), years of schooling (ed5), class/division of secondary school exam (ed9), and English language fluency (ed7). At the household level, the highest school attainment among adult women (hhed5f) and among adult men (hhed5m) are taken from individual education records. Adults are defined as individuals 21 years or older. In households without an adult 21 or older, the education of the person listed as head or head's spouse is taken. The highest overall adult education (hhed5adult) is the maximum of highest male and highest female education.

Variable	label	N	N missing	Mean	Std. Dev.
hhed5m	Highest male 21+ educ	39272	2282	6.9	5.1
hhed5f	Highest female 21+ educ	40767	787	4.3	4.9
hhed5adult	Highest adult(21+) educ	41499	55	7.1	5.1

Constructed Variables: Employment

Variable	N obs	Unique Values	Unwtd. Mean	Min	Max	Label
wkany	215753	2	0.42	0	1	HH 4-7 Any work
wkfarm	215753	2	0.15	0	1	HH9 4.28 Family farm work
wkanimal	215753	2	0.17	0	1	HH9 5.5 Animal care
wkagwage	215753	2	0.09	0	1	HH11 6.3 Ag wage labour
wknonag	215753	2	0.07	0	1	HH11 6.3 Nonag wage labour
wksalary	215753	2	0.07	0	1	HH11 6.,7 Salaried position
wkbusiness	215753	2	0.05	0	1	HH12 7.7 Family business work
Nwork	41554	14	2.16	0	13	HH 4-7 Nhh any work
Nfarm	41554	14	0.75	0	13	HH9 4.28 Nhh family farm
Nanimal	41554	10	0.87	0	9	HH9 5.5 Nhh animal care
Nagwage	41554	10	0.46	0	10	HH11 6.3 Nhh ag wage
Nnonag	41554	9	0.35	0	8	HH11 6.3 Nhh nonag wage
Nsalary	41554	7	0.39	0	6	HH11 6.7 Nhh salaried
Nbusiness	41554	8	0.27	0	7	HH12 7.7 Nhh family business

IHDS collected labour force participation data based on its extensive income questions. Within each income section, IHDS asked who in the household participated in this activity and what was their level of participation. Thus, when IHDS asked whether the household owns any animals, it then asked who takes care of these animals. Similarly, if the household farmed, IHDS asked who worked on the farm for how many days last year and how many hours on the usual day. Non-farm businesses were treated similarly. The main household respondent also reported who worked for payment in cash or kind. Interviewers were specifically trained to ask about the participation of women and children as well as adult males in these activities. The combination of information from the different activity streams provides a holistic picture of the types of economic activities undertaken by all individuals in the households in the preceding year.

The public use file summarizes these data in one overall work participation measure (**wkany**) and six subtypes of participation (**wkfarm..wkbusiness**) for each individual. Household-level measures are constructed by adding the number of persons working in each type of activity (**Nany .. Nbusiness**). Only the individual work participation measures (**wkany..wkbusiness**) are available on the individual data file; only the household totals (**Nany .. Nbusiness**) are on the household file.

Wage and salary workers are divided into three types: salary workers (**wksalary**) are paid monthly or annually; agricultural workers (**wkagwage**) are paid daily and report an agricultural occupation (**ws3** = codes 60-68); all other daily wage workers are recorded as nonagricultural wage workers (**wknonag**).

For purposes of these measures, an individual must have reported working at least 240 hours in that activity in last year to be coded as working.

Constructed Variables: Household assets and housing

Variable	N obs	Unique Values	Unwtd. Mean	Min	Max	Label
hhassets	41554	31	12.25	0	30	HH22+EH 30 hh goods & housing

IHDS asked a series of questions about what goods the household owned and about the quality of the housing. Similar housing and consumer goods questions are now widely used in developing country surveys as an easily administered scale measuring household economic level. Even more than consumption expenditures, household asset scales reflect the long-term economic level of the household.

The **hhassets** scale sums 30 dichotomous items measuring household possessions and housing quality:

Variable	Description	Questionnaire	Page	Section	Q #	Mean
cg2b	Any vehicle	HH	22	13	2	64%
cg3	Sewing machine	HH	22	13	3	20%
cg5	Mixer/grinder	HH	22	13	5	22%
cg6b	Motor vehicle	HH	22	13	2	17%
cg7b	Any TV	HH	22	13	2	48%
cg8	Colour TV	HH	22	13	8	24%
cg9b	Air cooler/cond	HH	22	13	2	10%
cg10	Clock/watch	HH	22	13	10	84%
cg11	Electric fan	HH	22	13	11	59%
cg12	Chair/table	HH	22	13	12	65%
cg13	Cot	HH	22	13	13	85%
cg14	Telephone	HH	22	13	14	14%
cg15	Cell phone	HH	22	13	15	7%
cg16	Refrigerator	HH	22	13	16	13%
cg17	Pressure cooker	HH	22	13	17	38%
cg18	Car	HH	22	13	18	2%
cg19	Air conditioner	HH	22	13	19	0%
cg20	Washing machine	HH	22	13	20	3%
cg21	Computer	HH	22	13	21	1%
cg22	Credit card	HH	22	13	22	1%
cg23	2 clothes	HH	22	13	23	97%
cg24	Footwear	HH	22	13	24	93%
wa1d	Piped indoor water	EH	9	5	1	25%
sa2d	Separate kitchen	EH	10	6	2	55%
sa4d	Flush toilet	EH	10	6	4	23%
fu1	Electricity	EH	10	7	1	72%
fu9d	LPG	EH	11	7	9	33%
hq4d	Pucca wall	EH	37	23	4	59%
hq5d	Pucca roof	EH	37	23	5	48%
hq6d	Pucca floor	EH	37	23	6	52%

The **hhassets** scale has a Cronbach's reliability coefficient alpha of 0.914 (unweighted). Three items that had been candidates for the scale were dropped because they substantially lowered the reliability coefficient suggesting that they did not measure the same dimension as the remaining 30 items; **cg5** owns a generator; **hq2a** any excrement observe around the house; and **hq2b** any standing water around the house.

Four consumer goods items were modified because they were less expensive alternatives for other items in the scale: **cg9** air coolers (vs. **cg19** air conditioners); **cg7** a black and white television (vs. **cg8** a colour television); **cg6** a motor scooter (vs. **cg18** an automobile); and a **cg2** bicycle (vs. a **cg6** scooter or **cg18** automobile). In these cases, if the household owned the more expensive alternative (e.g., an air conditioner), then the less expensive item (e.g., air cooler) was recoded as owned, regardless of whether the household reported owning the less desirable item. Without this modification, the less expensive items did not scale well; a household might not own them either because they were too affluent (and owned the more expensive alternative) or because they were too poor (and owned neither alternative).

The resulting **hhassets** scale ranges from 0 to 30, with a weighted median of 10, a weighted mean of 11.3, and a weighted standard deviation of 6.3.

Constructed Variables: Income

Variable	N obs	Unique Values	Unwtd. Mean	Min	Max	Label
income	41554	21111	54428.30	-107350	6520261	HH5-15 3-8 Total income
incfarm	41554	17098	10265.92	-107350	4817152	HH6-10 4-6 Family farm inc
incagwage	41554	1273	3242.46	0	155000	HH11 6.8+ hh ag wages
incnonag	41554	1372	5552.11	0	292000	HH11 6.8+ hh nonag wages
incsalary	41554	2394	20616.48	0	960000	HH11 6.8+ hh salaries
incbus	41554	844	10127.89	0	6190000	HH11-14 7. Net business inc
incremit	41554	188	1436.60	0	610000	HH5 3.13 Sum hh remittance
incgovt	41554	395	221.42	0	200000	HH15 8.7-13 govt benefits
incother	41554	564	2965.43	0	500000	HH15 8.1+ property, pensions

IHDS is one of the first developing country surveys to collect detailed income data. Most surveys depend on consumption expenditures or household assets to measure a household's economic level. IHDS collected those data also (see above), but went to great lengths to measure household income as well. Over 50 different income sources were queried. The public use file collects those sources into eight major income types (**incfarm** .. **incother**) plus a total income variable (**income**). All are household-level variables but all are included in both the household and individual data files.

The most difficult income source to estimate is farm income (**incfarm**). Over half of IHDS households had some farm income, so this is an important component of the total income estimate. IHDS asked about crop production and prices, use of crop residues, animal ownership and home-produced animal and crop products, expenses for a variety of farm inputs, and agricultural rents paid and received. IHDS staff continue to work on refining these data to produce the best income estimates possible.

Negative farm income is reported by about 9 percent of the sample. Crop failures and high expenses are a frequent source of debate in India so this estimate seems reasonable. Negative farm incomes result in negative total income estimates for about 1 percent of the households. Other analyses by IHDS staff suggest that these households do not appear as poor on other economic dimensions as households with low but positive incomes. Data users may want to consider restricting income analyses to the sample of households with positive income (or income \geq Rs. 1000) and adding separate analyses for the negative or very low income households.

Wage and salary incomes were summed across all jobs of all individuals in the household. Annual totals were estimated using the report of days worked for workers paid daily wages or monthly salaries. Meals, housing benefits, and bonuses are included in these totals. The public use file divides wage and salary incomes into three subtypes: **incsalary** salary income is defined as income earned monthly or annually (rather than daily); **incagwage** agricultural wages are the total daily wages of workers with agricultural occupations; and **incnonag** nonagricultural wages are all other daily wages.

Remittances (**incredit**) were totaled from item 3.13 of the non-resident schedule (page 5 of the household questionnaire).

Nonfarm business income (**inbus**) was sometimes reported only as net income without specifying gross income and expenses. Therefore, net business income does not always equal gross business income minus expenses.

IHDS also collected data on several sources of cash and noncash support not included in the total income estimate because these sources are not properly defined as income. For example, about 2% of households sold some land in the previous year (**in4a** and **in4b**); 1% received insurance payments (**in6**); and about nine percent had received some housing support such as latrines, stoves, or housing materials (**in14** and **in15**). These data are available in the IHDS files but are not included as income.

The following table details some of the income sources used to calculate total income:

variable	description	mean all hh	% with nonzero	max
income	Total Income	48,335	100%	6,520,261.0
ws8annhh	Wage & salary	25,949	71%	960,000
ws8pay	regular pay	25,485	71%	960,000
ws9meal	meals	141	9%	12,600
ws9rent	housing	137	1%	90,000
ws10	bonuses	185	7%	26,000
incagwage	agricultural wages	3,472	29%	155,000
incnonag	nonagricultural wages	5,391	27%	292,000
incsalary	salaries (monthly/annual-pay)	17,085	28%	960,000
inbus	Nonfarm business	8,891	20%	6,190,000
nf3hh	gross receipts	23,469	19%	19,000,000
nf4hh	expenses: labour	1,398	5%	900,000
nf5hh	expenses: other	13,180	15%	16,000,000
incfarm	Net Agricultural Income	9,331	53%	4,817,152
fm15*fm18	Gross crop income	10,188	38%	4,913,500
fm19Rs	Total value of crop residue	770	34%	200,000
fm19aRs	Residue sold	214	9%	64,000
fm19bRs	Residue kept for own use	556	30%	200,000
fmexpense	Total crop expenses	3,578	38%	324,502
fm20b	Hired farm labour	719	23%	90,000
fm20cRs	Meals to hired labour	33	8%	16,000
fm21a	Seeds	633	37%	90,000
fm22	Fertilizers	831	35%	96,000
fm23	Pesticides	265	21%	99,990
fm24	Irrigation	189	13%	50,000
fm25	Hired equipt/ animals	467	26%	87,120
fm26i	Interest on loans	52	3%	60,000
fm27	Miscellaneous expenses	389	14%	98,000
animalRs	Animal gross income	3,099	39%	1,117,774
an2a+an2b	marketed: milk, eggs, animals	1,279	16%	1,000,000
co8,11,12,13	home grown milk, eggs, meat	1,336	21%	260,160
½	partially home grown	45	2%	75,600

variable	description	mean all hh	% with nonzero	max
co8,11,12,13				
an1a,b,c	estimate dung value	323	35%	72,932
an1e	estimate wool value	8	1%	14,753
animalRsx1.0				
3	est. reproduction of animals	108	39%	38,842
anexpense	Expenses for animals	1,532	40%	600,000
an4a	home grown grain	269	21%	55,000
an4b	home grown residue	616	30%	99,000
an4c	purchased grain & residue	647	28%	600,000
incagprop	Agricultural property income	745	7%	99,000
fm6c	Rs. Land rented out	294	2%	90,000
fm6e	Crops land rented out	258	3%	85,000
fm32i	Equipment rented out	192	2%	99,000
fmrentexp	Agricultural rents	361	6%	284,000
fm8c	Rs for land rented in	105	2%	90,000
fm16Rshh	Landlord's share	257	4%	284,000
incremit	Remittances	1,447	8%	610,000
incother	Property & Other Income	2,511	10%	500,000
in1	renting property	386	3%	500,000
in2	interest, dividends	237	2%	500,000
in3a	pensions: government	1,703	5%	400,000
in3b	pensions: private	99	0%	200,000
in16	other income	86	1%	100,000
incgovt	Public benefits	205	13%	200,000
in5	scholarships and gifts	114	7%	200,000
in7c	National Old Age pensions	45	2%	8,400
in8c	Widows' Pension Scheme	23	1%	12,000
in9c	National Maternity Scheme	2	0%	4,950
in10c	National Disability Pension	4	0%	6,200
in11c	Annapurna	9	1%	6,000
in12c	Other government transfers	7	1%	10,000
in13c	NGO or other assistance	2	0%	7,000

Constructed Variables: Poverty

Variable	N obs	Unique Values	Unwtd. Mean	Min	Max	Label
pcpl	41554	41	422.23	292.95	665.9	Poverty line
poor	41491	2	0.20	0	1	HH19 12. HH below poverty line

IHDS calculated household poverty based on the monthly consumption per capita (**copc**, see Consumption) and the official Planning Commission poverty line as of 2005. **poor** is a dichotomous (0/1) variable indicating whether the household is below this poverty line or not. Users can calculate a poverty line ratio by dividing the monthly consumption per capita (**copc**) by the official poverty line (**pcpl**).

The poverty line (**pcpl**) varies by state and urban/rural residence. It is based on 1970s calculations of income needed to support minimal calorie consumption and has been adjusted by price indexes since then. It is currently under revision.

Constructed Variables: Social Groups

Variable	N obs	Unique Values	Unwtd. Mean	Min	Max	Label
groups8	41554	8	3.57	1	8	HH3 1.13-15 Caste/religion 8cats

India has a vast array of jatis (castes) and religions. IHDS asked three questions about the household's caste and religion all from page 3 of the household questionnaire:

id12 records the caste of the household informant as reported to the interviewer (e.g., chamar, thakur, bania) however it was listed by the interviewer. IHDS staff is currently working with these responses to produce a more limited set of categories that will be released later.

id13 asked the household informant to classify these many responses into one of four commonly used categories: Brahmin, OBC (Other Backward Classes), SC (Scheduled Castes, dalits), and ST (Scheduled Tribes, adivasis), plus a residual "Other" category.

id14 asked the religion of the household head seven commonly reported categories (Hindu, Muslim, Christian, Sikh, Buddhist, Jain, and Tribal), plus a residual "Other" category and "None".

For some overview purposes, it is useful to collapse religion and caste into a single composite variable. (However, IHDS staff analyses have shown that using *both* religion and caste *separately* is generally more informative when analyses permit – "caste" distinctions among non-Hindus are often substantial.) For an overview religion and caste variable, IHDS includes groups8:

		unweighted frequencies	weighted percentage
1	Brahmins	2,421	5.1%
2	Forward castes	7,151	15.5%
3	OBCs	14,068	35.7%
4	Dalits	8,333	22.0%
5	Adivasis	3,439	7.8%
6	Muslims	4,708	11.2%
7	Sikhs, Jains	683	1.1%
8	Christians	751	1.7%

To combine caste and religion, this code follows these rules of precedence:

- Dalits and Adivasis are coded as 4s and 5s, regardless of religion (**id14**);
- Except for a above, Muslims, Jains, and Christians are coded as 6s, 7s, and 8s, regardless of caste (**id13**);
- Except for a above, Sikhs are coded as 3 if OBC, otherwise as 7;
- Hindus are coded as 1-4 according to caste (**id13**).

Users can devise their own combination if they choose, but we repeat the advice to use both religion and caste codes separately whenever possible.

Variables

Variable Names

All IHDS variables (except constructed variables) are named with a two letter code for the section followed by the questions number (e.g., fm6a is from question 6a in the farm section). Variables names are given in the questionnaire .pdf files and in the codebooks.

Variable Labels

Labels for variables record:

- on which questionnaire the variable is located;
- the page number of the questionnaire
- the section number
- the question number,
- a very brief description.

For example “HH3 1.13 Caste category” , the variable label for id13, is from the household questionnaire, page 3, section 1 (“identification”), question 13.

Codebooks

Detailed codebook available are separate files:

- 22626-0002-Codebook.pdf for the household file, and
- 22626-0001-Data.dta pdf for the individual file.

Questionnaires

The questionnaires are available as .pdf files from the website (<http://ihds.umd.edu/ihds/questionnaires.html>):

1. Household (Roster and Economic Data) Questionnaire (ihdshhq.pdf)
2. Education and Health Questionnaire (ihdsehq.pdf)
3. Reading and Arithmetic Tests (ihdstest.pdf)
4. Village Questionnaire (not yet available)
5. Health Facility Questionnaire (not yet available)
6. School Questionnaire (not yet available)
7. Tracking Sheet (not yet available)

Topics

Topics	Q	Sect #	hh Nvar	ind Nvar
Case and Geographic Ident	HH		14	15
Constructed Variables	HH		30	38
Household cover sheet	HH		9	
Consent form	HH		4	
Household identification	HH	1	19	
Household Roster	HH	2		9
Non-resident family members	HH	3		
Farm	HH	4	41	4
Animals	HH	5	14	3
Wage and Salary	HH	6		20
Nonfarm business	HH	7	21	9
Other income	HH	8	18	14
Ration card	HH	9	9	
Education	HH	10		13
Mass media	HH	11	15	1
Consumption	HH	12	108	
Consumer goods	HH	13	24	
Debts	HH	14	13	
Social Networks	HH	15	18	
Membership in organizations	HH	16	12	
Trust and conflict	HH	17	3	
Crime	HH	18	4	
Confidence in institutions	HH	19	10	
Deaths	HH	20	16	
Household identification	HH	21		
Observations (hh interview)	HH	22	13	
Anthropometry	HH	23	1	
Health and education cover	EH		10	
Consent form	EH		4	
Health and education ident.	EH	1	11	
Current Students	EH	2		18
Children 8-11 schooling	EH	3	40	
Marriage practices	EH	4	25	
Water	EH	5	17	
Sanitation	EH	6	8	
Fuels	EH	7	30	
Short Term Morbidity	EH	8		20
Major Morbidity	EH	9		26
Activities of Daily Living	EH	10		8
Quality of medical care	EH	11	13	
Tobacco and Alcohol	EH	12		4
Observation (part 1)	EH	12	6	
Eligible woman information	EH	13	7	
Health beliefs	EH	14	6	
Aids information	EH	15	7	
Gender relations	EH	16	86	
Marital history	EH	17	30	
Fertility history	EH	18	12	
Fertility practices	EH	20	14	
Last birth	EH	21	83	
Next to last birth	EH	22	80	
Housing quality	EH	23	7	
Observations (ew survey)	EH	24	7	
Anthropometry	EH	25		5
Testing	EH	26		11

Variable list: 22626-0002-Data.dta / ihdshh01.dta
(household data; release 01)

(Detailed codebook available as separate file: 22626-0002-Codebook.pdf)

Variable	Obs	Unique	Mean	Min	Max	Label
Case and Geographic Identification						
stateid	41554	33	18.78	1	34	State code
distid	41554	61	14.69	0	68	District code
psuid	41554	39	5.76	1	39	PSU: village/neighborhood code
hhid	41554	52	9.22	1	52	Household ID
hhsplitid	41554	8	0.41	0	7	Split household ID
caseid	41554	41554	.	.	.	HH id: 11 byte string
idhh	41554	41554	182000000	10201010	340006150	HH id 9-digit unique
idpsu	41554	2474	181680.3	10201	340006	PSU id 6-digit unique
stateid2	41554	22	483.18	101	733	State codes, collapsed
distname	41554	373	1892.80	102	3400	District codes with names
dist01	41554	61	14.67	0	68	H1sp: District ID Census 2001
urban	41554	2	0.36	0	1	Census: 2001 village/town
metro6	4133	6	2.97	1	6	Largest 6 metro areas 1-6
sweight	41554	1526	4623.48	220.00	308216.4	Design weights
Constructed Variables						
Npersons	41554	33	5.19	1	38	HH4 2.0 N in hh
Nchildren	41554	17	1.65	0	17	HH4 2.5 N 0-14 in hh
Nteens	41554	9	0.75	0	8	HH4 2.5 N 15-21 in hh
Nadults	41554	17	2.80	0	18	HH4 2.5 N 22+ in hh
Nmarriedf	41554	9	1.22	0	8	HH4 2.6 N married women in hh
Nmarriedm	41554	9	1.18	0	8	HH4 2.6 N married men in hh
copc	41491	3839	955.09	4	39273	HH19 12. Monthly consumption pc
groups8	41554	8	3.57	1	8	HH3 1.13-15 Caste/religion 8cats
hhassets	41554	31	12.25	0	30	HH22+EH 30 hh goods & housing
hhed5adult	41499	16	7.56	0	15	HH17 ed5 Highest adult(21+) ed
hhed5f	40770	16	4.73	0	15	HH17 ed5 Highest female 21+ ed
hhed5m	39272	16	7.27	0	15	HH17 ed5 Highest male 21+ ed
Nwork	41554	14	2.17	0	13	HH 4-7 Nhh any work
Nfarm	41554	14	0.75	0	13	HH9 4.28 Nhh family farm
Nanimal	41554	10	0.87	0	9	HH9 5.5 Nhh animal care
Nagwage	41554	10	0.46	0	10	HH11 6.3 Nhh ag wage
Nnonag	41554	9	0.35	0	8	HH11 6.3 Nhh nonag wage
Nsalary	41554	7	0.39	0	6	HH11 6.7 Nhh salaried
Nbusiness	41554	8	0.28	0	7	HH12 7.7 Nhh family business
income	41554	21111	54359.50	-108327.8	6520261	HH5-15 3-8 Total income
incfarm	41554	17102	10188.72	-228327.8	3935152	HH6-10 4-6 Family farm income
incagwage	41554	1273	3242.38	0	155000	HH11 6.8+ hh ag wages
incnonag	41554	1372	5551.23	0	292000	HH11 6.8+ hh nonag wages
incsalary	41554	2394	20620.23	0	960000	HH11 6.8+ hh salaries
incbus	41554	844	10127.89	0	6190000	HH12-14 7. Net business income
incremit	41554	190	1443.29	0	610000	HH5 3.13 Sum hh remittances
incgovt	41554	394	220.29	0	200000	HH15 8.7-13 govt benefits
incother	41554	564	2965.47	0	500000	HH15 8.1+ property, pensions etc.
pcpl	41554	41	422.23	292.95	665.9	Poverty line
poor	41491	2	0.20	0	1	HH19 12. HH below poverty line

Variable	Obs	Unique	Mean	Min	Max	Label
Household cover sheet						
hc3	40837	431	1502.26	0	3413	HH1 3 Interviewer ID
hc6	40485	257	1514.66	0	3316	HH1 6 Supervisor ID
hc9	41554	2	0.33	0	1	HH1 9 Reinterview household
hc10	41554	6	1.18	1	6	HH1 10 Number of visits
hc11	41554	2	1.01	1	2	HH1 11 Completion status
hc12	41554	2	0.00	0	1	HH1 12 Additional booklet
hc13	41554	4	3.51	1	4	HH1 13 Learning completion
hc14	41554	2	0.00	0	1	HH1 14 3+ learning sheets
hc15	36802	51	15.33	0	2211	HH1 15 Data Entry ID
Consent form						
hs1	41553	2	1.00	0	1	HH2 1 Agree to interview
hs2	41554	621				HH2 2 Date of interview
hs3	41550	464	688.85	100	1258	HH2 3 Interview start time
hs3b	41351	2	1.60	1	2	HH2 3 Interview start AM/PM
Household identification						
id1	36043	33	2.96	0	32	HH3 1.1 Stratum Number
id2	38278	341	59.67	0	453	HH3 1.2 Listing Sheet Number
id3	41554	33	18.78	1	34	HH3 1.3 State/UT code
id4	41554	61	14.69	0	68	HH3 1.4 District code
id5	27789	53	5.89	0	61	HH3 1.5 Tehsil/taluka code
id6	41554	39	5.73	1	39	HH3 1.6 Village/town code
id7a	0	0				HH3 1.7 Post-office code
id8a	0	0				HH3 1.8 Mohalla/Hamlet code
id9	41554	3	1.37	1	3	HH3 1.9 Rural/Urban/slum
id10	13893	3586	1245.51	1	4975	HH3 1.10 1993-94 Household ID
id12	41554	7372				HH3 1.12 Caste name
id13	41554	5	3.11	1	5	HH3 1.13 Caste category
id14	41554	9	1.36	1	9	HH3 1.14 Religion
id15	41554	11	4.75	1	11	HH3 1.15 Main income source
id16	41552	86	71.13	0	90	HH3 1.16 Years in place
id17	11896	3	1.26	1	3	HH3 1.17 Place of Origin
id18	11891	4	2.35	1	4	HH3 1.18 Type of origin place
id19	37983	91	58.72	0	97	HH3 1.19 Occ head's father/husb
id19b	41554	7718				HH3 1.19 Occ name head's fa/hus
id20	40734	16	2.56	0	15	HH3 1.20 Educ head's father/husb
Farm						
fm1	41554	348				HH6 4.1 Local area unit name
fm2	17509	68	22.45	0.04	4000	HH6 4.2 Local units/acre
fm3	41554	2	0.42	0	1	HH6 4.3 Any owned or cultivated
fm4	19383	325	30.64	0	20000	HH6 4.4 Area owned
fm5	18637	296	24.06	0	15000	HH6 4.5 Area owned & cultivated
fm6a	14912	146	4.18	0	8000	HH6 4.6a Area rented out
fm6b	2131	3	1.67	1	3	HH6 4.6b Cash Crop rented out
fm6c	4602	122	3190.89	0	180000	HH6 4.6c Rs land rented out
fm6d	4599	25	13.87	0	75	HH6 4.6d Crop % land rented out
fm6e	5330	232	1981.34	0	125000	HH6 4.6e Crop Rs land rented out
fm7	13926	142	5.88	0	8000	HH6 4.7 Orchards/Plantations
fm8a	16328	101	2.66	0	5000	HH6 4.8a Rented in farmland
fm8b	1911	3	1.78	1	3	HH6 4.8b Cash Crop rented in

Variable	Obs	Unique	Mean	Min	Max	Label
fm8c	4325	131	1467.37	0	880000	HH6 4.8c Rs paid land rented in
fm9a	18284	2	0.45	0	1	HH6 4.9a Irrigation
fm9b	8324	6	2.20	1	6	HH6 4.9b Irrigation type 1
fm9c	2990	6	3.74	1	6	HH6 4.9b Irrigation type 2
fm9d	9930	221	12.59	0	6000	HH6 4.9c Land irrigated
fm19a	11355	202	839.97	0	64000	HH7 4.19 Crop residue sold
fm19b	13699	337	1822.98	0	200000	HH7 4.19b Crop residue own use
fm20a	16086	261	37.71	0	6800	HH8 4.20a Hired farm labour days
fm20b	15173	620	2057.56	0	680000	HH8 4.20b Hired farm labour Rs
fm20c	13404	6	0.27	0	5	HH8 4.20c Meals to workers
fm21a	17564	1126	1533.75	0	180000	HH8 4.21 Seeds Rs
fm21b	14367	3	2.03	1	3	HH8 4.21b Seeds Homegrown
fm22	17341	976	2163.01	0	663840	HH8 4.22 Fertilizers Rs
fm23	16650	357	858.62	0	200000	HH8 4.23 Pesticides Rs
fm24	16403	337	428.82	0	50000	HH8 4.24 Irrigation water Rs
fm25	16991	374	1166.34	0	87120	HH8 4.25 Hired Equipt/Animals Rs
fm26	15864	158	1053.40	0	400000	HH8 4.26 Ag loan repayment Rs
fm27	16203	435	1281.18	0	208000	HH8 4.27 Farm miscellaneous Rs
fm31	17397	15	1.19	1	99	HH9 4.31 ID farm decision-maker
fm32a	14917	7	0.19	0	6	HH9 4.32a Own: Tubewells
fm32b	14579	8	0.18	0	10	HH9 4.32b Own: Electric Pumps
fm32c	14569	7	0.11	0	6	HH9 4.32c Own: Diesel pumps
fm32d	14544	4	0.16	0	3	HH9 4.32d Own: Bullock carts
fm32e	14456	3	0.05	0	2	HH9 4.32e Own: Tractors
fm32f	14404	3	0.05	0	2	HH9 4.32f Own: Threshers
fm32g	14298	3	0.01	0	2	HH9 4.32g Own: Bio-gas plants
fm32h	14493	244	808.06	0	500000	HH9 4.32h New farm equipt Rs
fm32i	13222	97	530.85	0	175000	HH9 4.32i Rent out equipt Rs

Animals

an1a	25451	23	0.47	0	100	HH10 5.1a Milch cows
an1b	24610	18	0.43	0	40	HH10 5.1b Milch buffalos
an1c	24332	18	0.58	0	30	HH10 5.1c Draft animals
an1d	24156	32	0.53	0	60	HH10 5.1d Goats
an1e	23902	30	0.20	0	150	HH10 5.1e Sheep
an1f	23883	37	0.79	0	200	HH10 5.1f Poultry
an1g	24467	20	0.51	0	40	HH10 5.1g Other
an2a	20806	484	2244.10	0	1000000	HH10 5.2a Milk & eggs Rs
an2b	20122	170	436.64	0	150000	HH10 5.2b Chicken/Livestock Rs
an3	19848	226	1030.77	0	600000	HH10 5.3 Buy livestock Rs
an4a	18926	258	751.47	0	55000	HH10 5.4 Feed Home grain
an4b	19128	311	1429.45	0	99000	HH10 5.4b Feed Home residue
an4c	19249	408	1712.75	0	600000	HH10 5.4c Feed Purchased
an7	16081	20	1.99	1	25	HH10 5.7 Animal care: Primary ID

Nonfarm business

nf1	41554	2918				HH12 7.1a Busns1: type
nf1a	8696	64	60.87	0	97	HH12 7.1a Busns1: Industry
nf1b	8623	55	34.89	0	95	HH12 7.1b Busns1: Occupation
nf2	8558	3	1.92	1	3	HH12 7.2 Busns1: Work place
nf3	8287	793	107712.8	0	1.08E+07	HH12 7.3 Busns1: Gross receipts
nf4	7685	185	8509.39	0	900000	HH12 7.4 Busns1: Paid workers
nf5	8077	661	57468.96	0	8000000	HH12 7.5 Busns1: Other expens

Variable	Obs	Unique	Mean	Min	Max	Label
nf6	8783	741	44260.26	0	2500000	HH12 7.6 Busns1: Net income
nf10	41554	442	.	.	.	HH13 7.10a Busns2: type
nf10a	1045	54	47.36	0	97	HH13 7.10a Busns2: Industry
nf10b	939	42	30.21	0	89	HH13 7.10b Busns2: Occupation
nf11	779	3	1.96	1	3	HH13 7.11 Busns2: Work place
nf12	1039	220	69576.78	0	1.00E+07	HH13 7.12 Busns2: Gross Receipt
nf13	978	53	3668.47	0	200000	HH13 7.13 Busns2: Paid workers
nf14	1008	173	128915.2	0	9.39E+07	HH13 7.14 Busns2: Other expens
nf15	1078	207	27631.07	0	6000000	HH13 7.15 Busns2: Net income
nf19	41554	46	.	.	.	HH14 7.19a Busns3: type
nf19a	322	29	14.58	0	97	HH14 7.19a Busns3: Industry
nf19b	232	19	11.42	0	87	HH14 7.19b Busns3: Occupation
nf20	72	3	1.97	1	3	HH14 7.20 Busns3: Work place
nf21	371	49	28692.18	0	6.00E+06	HH14 7.21 Busns3: Gross receipt
nf22	379	17	629.29	0	40000	HH14 7.22 Busns3: Paid workers
nf23	371	44	22224.80	0	5.78E+06	HH14 7.23 Busns3: Other expens
nf24	379	53	6148.52	0	210000	HH14 7.24 Busns3: Net income
Other income						
in1	34259	155	609.92	0	500000	HH15 8.1 Inc: renting property
in2	34024	121	309.40	0	500000	HH15 8.2 Inc: interest
in3a	34070	346	2422.98	0	400000	HH15 8.3a Inc: Govt pension
in3b	33677	97	164.21	0	200000	HH15 8.3b Inc: Pvt pension
in4a	33812	65	313.57	0	500000	HH15 8.4a Inc: sale non-ag land
in4b	33683	86	495.92	0	600000	HH15 8.4b Inc: sale ag land
in5	33960	240	121.30	0	200000	HH15 8.5 Inc: scholarship/gift
in6	33535	121	171.01	0	500000	HH15 8.6 Inc: IRDP/ insurance
in14a	31527	15	0.02	0	100	HH15 8.14a Land from govt
in14b	25086	42	215.21	0	350000	HH15 8.14b Land from govt Rs
in15	40945	2	0.09	0	1	HH16 8.15 Govt housing
in15a	28544	65	609.42	0	100000	HH16 8.15a Govt housing Built Rs
in15b	28607	103	911.94	0	82000	HH16 8.15b Govt housing Rs
in15c	28427	79	148.17	0	60000	HH16 8.15c Govt housing Materi...
in15d	28506	68	81.76	0	5000	HH16 8.15d Govt housing latrin...
in15e	28521	45	3.17	0	4000	HH16 8.15e Govt housing chulha
in16	34954	101	106.53	0	100000	HH16 8.16 Inc: other source Rs
in16a	41554	159	.	.	.	HH16 8.16 Inc: other source name
in17	41524	3	1.77	1	3	HH16 8.17 Better off last 10 yrs
Ration card						
rc1	41554	2	0.83	0	1	HH16 9.1 Ration card
rc1a	34406	3	1.65	1	3	HH16 9.1a Ration card type
rc1b	34405	28	4.75	1	40	HH16 9.1b Ration card N listed
rc1c	34395	2	0.85	0	1	HH16 9.1c Ration card used
rc1d	5179	6	4.61	1	6	HH16 9.1d Ration card no use
rc2	7147	5	3.42	1	5	HH16 9.2 Ration card why none
rc3	41455	2	0.03	0	1	HH16 9.3 Health insurance
rc4	41479	2	0.23	0	1	HH16 9.4 LIC/Life insurance
rc5	41468	2	0.04	0	1	HH16 9.5 KISAN credit card
Mass media						
mm1a	40099	3	0.61	0	2	HH18 11.1 Radio regular Men
mm2a	39983	3	0.74	0	2	HH18 11.2 Newspaper reg Men
mm3a	39953	3	1.10	0	2	HH18 11.3 TV regular Men

Variable	Obs	Unique	Mean	Min	Max	Label
mm4a	35617	13	1.13	0	12	HH18 11.4 TV hrs/day Men
mm5a	35119	3	0.72	0	2	HH18 11.5 TV news regular Men
mm1b	40462	3	0.50	0	2	HH18 11.1 Radio regular Women
mm2b	40315	3	0.43	0	2	HH18 11.2 Newspaper reg Womn
mm3b	40409	3	1.15	0	2	HH18 11.3 TV regular Women
mm4b	35577	13	1.65	0	12	HH18 11.4 TV hrs/day Women
mm5b	35129	3	0.53	0	2	HH18 11.5 TV news reg Women
mm1c	32499	3	0.33	0	2	HH18 11.1 Radio regular Kids
mm2c	31944	3	0.23	0	2	HH18 11.2 Newspaper reg Kids
mm3c	31786	3	0.90	0	2	HH18 11.3 TV regular Kids
mm4c	27638	12	1.14	0	12	HH18 11.4 TV hrs/day Kids
mm5c	27417	3	0.28	0	2	HH18 11.5 TV news regular Kids

Consumption

co1x	41492	788	300.17	0	7200	HH19 12.1 Rice: Rs
co1a	39597	123	30.55	1	450	HH19 12.1 Rice: kg
co1b	39597	3	1.93	1	3	HH19 12.1 Rice: homegrown
co1c	41554	39	12.03	3	50	HH19 12.1 Rice: market price
co1d	9960	62	18.24	1	200	HH19 12.1 Rice: PDS kg
co1e	37151	12	5.35	1	12	HH19 12.1 Rice: PDS price
co2x	41492	486	174.00	0	3150	HH19 12.2 Wheat: Rs
co2a	32711	108	27.90	1	350	HH19 12.2 Wheat: kg
co2b	32711	3	1.91	1	3	HH19 12.2 Wheat: homegrown
co2c	41449	19	9.48	3	21	HH19 12.2 Wheat: market price
co2d	6623	47	12.30	1	200	HH19 12.2 Wheat: PDS kg
co2e	40798	13	5.06	2	16	HH19 12.2 Wheat: PDS price
co3x	41492	396	87.50	0	2200	HH19 12.3 Sugar: Rs
co3a	39269	54	4.88	1	100	HH19 12.3 Sugar: kg
co3b	39269	3	2.00	1	3	HH19 12.3 Sugar: homegrown
co3c	41554	24	19.73	2	28	HH19 12.3 Sugar: market price
co3d	7347	17	2.61	1	20	HH19 12.3 Sugar: PDS kg
co3e	41359	20	13.67	1	18	HH19 12.3 Sugar: PDS price
co4x	41492	316	39.40	0	900	HH19 12.4 Kerosene: Rs
co4a	31566	38	4.19	1	50	HH19 12.4 Kerosene: Lts
co4b	31566	3	2.00	1	3	HH19 12.4 Kerosene: Rs
co4c	41554	25	16.55	8	35	HH19 12.4 Kerosene: market pric
co4d	24910	22	3.80	1	35	HH19 12.4 Kerosene: PDS lts
co4e	41359	16	10.32	1	16	HH19 12.4 Kerosene: PDS price
co5x	41492	187	38.94	0	7750	HH19 12.5 Other cereals: Rs
co5a	15016	69	14.71	1	500	HH19 12.5 Other cereals: kg
co5b	15016	3	1.84	1	3	HH19 12.5 Other cereals: homegr
co5c	41359	32	10.32	2	35	HH19 12.5 Other cereals: price
co5d	2	2	14.00	10	18	HH19 12.5 Other cereals: PDS kg
co5e	2098	3	7.00	4	10	HH19 12.5 Other cereals: PDS p...
co6x	41492	219	48.61	0	2000	HH19 12.6 Cereal products: Rs
co6a	10546	32	3.18	1	120	HH19 12.6 Cereal products: kg
co6b	26687	3	2.00	1	3	HH19 12.6 Cereal products: home
co6c	41239	190	16.92	0	300	HH19 12.6 Cereal products: price
co6t	22611	182	79.69	0	2000	HH19 12.6 Cereal products: Rs
co7x	41492	313	100.62	0	2500	HH19 12.7 Pulses: Rs
co7a	27345	41	4.34	1	61	HH19 12.7 Pulses: kg
co7b	39065	3	1.98	1	3	HH19 12.7 Pulses: homegrown
co7c	41449	238	28.21	0	325	HH19 12.7 Pulses: price

Variable	Obs	Unique	Mean	Min	Max	Label
co7t	25159	243	97.16	0	1200	HH19 12.7 Pulses: Rs
co8x	41492	313	123.01	0	6000	HH19 12.8 Meat: Rs
co8a	13249	34	3.33	1	60	HH19 12.8 Meat: kg
co8b	24538	3	2.00	1	3	HH19 12.8 Meat: homegrown
co8c	41220	241	76.22	0	1500	HH19 12.8 Meat: price
co8t	18664	205	195.90	0	4800	HH19 12.8 Meat: Rs
co9x	41492	195	30.35	0	2336	HH19 12.9 Sweeteners: Rs
co9a	14903	28	2.53	1	60	HH19 12.9 Sweeteners: kg
co9b	23862	3	1.99	1	3	HH19 12.9 Sweeteners: homegr
co9c	41449	156	21.49	0	700	HH19 12.9 Sweeteners: price
co9t	16587	156	52.24	0	1080	HH19 12.9 Sweeteners: Rs
co10x	41492	376	157.72	0	1800	HH19 12.10 Edible oil: Rs
co10a	32526	21	3.17	1	30	HH19 12.10 Edible oil: lts
co10b	40474	3	1.99	1	3	HH19 12.10 Edible oil: homegr
co10c	41325	185	53.59	0	412.5	HH19 12.10 Edible oil: price
co10t	23109	312	138.14	0	1500	HH19 12.10 Edible oil: Rs
co11x	41492	181	18.11	0	2280	HH19 12.11 Eggs: Rs
co11a	9661	31	2.56	1	120	HH19 12.12 Eggs: dozens
co11b	17006	3	1.96	1	3	HH19 12.12 Eggs: homegrown
co11c	41325	105	22.60	0	300	HH19 12.12 Eggs: price
co11t	12190	136	40.30	0	960	HH19 12.12 Eggs: Rs
co12x	41492	466	261.68	0	6750	HH19 12.12 Milk: Rs
co12a	26180	96	27.79	1	450	HH19 12.12 Milk: lts
co12b	32118	3	1.76	1	3	HH19 12.12 Milk: homegrown
co12c	41554	208	12.91	0	1700	HH19 12.12 Milk: price
co12t	16691	319	253.16	0	5000	HH19 12.12 Milk: Rs
co13x	41492	313	90.80	0	20000	HH19 12.13 Milk products: Rs
co13a	9683	43	4.26	1	180	HH19 12.13 Milk products: lts
co13b	18682	3	1.78	1	3	HH19 12.13 Milk products: home
co13c	41220	243	83.98	0	900	HH19 12.13 Milk products: price
co13t	14100	210	165.71	0	4400	HH19 12.13 Milk products: Rs
co14x	41492	421	212.01	0	9000	HH19 12.14 Vegetables: Rs
co14a	16033	76	20.51	1	300	HH19 12.14 Vegetables: kg
co14b	39915	3	2.03	1	3	HH19 12.14 Vegetables: homegr
co14c	41055	595	11.45	0	500	HH19 12.14 Vegetables: price
co14t	35975	264	212.57	0	7000	HH19 12.14 Vegetables: Rs
co15	41492	202	89.22	0	3500	HH20 12.15 Salt/spices Rs
co16	41492	230	87.26	0	5000	HH20 12.16 Other Food Rs
co17	41492	216	79.65	0	8000	HH20 12.17 Paan/tobac/intox Rs
co18	41492	153	69.97	0	5000	HH20 12.18 Fruits/nuts Rs
co19	41492	154	48.88	0	6000	HH20 12.19 Eating out Rs
co20	41492	838	247.54	0	9300	HH20 12.20 Fuel/Light Rs
co21	41492	121	22.04	0	10000	HH20 12.21 Entertainment Rs
co22	41492	418	110.34	0	12000	HH20 12.22 Telephone Rs
co23	41492	136	14.26	0	6000	HH20 12.23 Personal care Rs
co24	41492	193	67.38	0	6300	HH20 12.24 Toiletries Rs
co25	41492	245	83.35	0	4000	HH20 12.25 HH items Rs
co26	41492	309	220.22	0	29000	HH20 12.26 Conveyance Rs
co27	41492	192	69.04	0	14400	HH20 12.27 House/Other rent Rs
co28	41492	261	29.48	0	30000	HH20 12.28 Consumer tax/fees
co29	41492	162	32.33	0	16000	HH20 12.29 Services servants Rs
co30	41492	349	243.52	0	70000	HH20 12.30 Medical out-patient R

Variable	Obs	Unique	Mean	Min	Max	Label
co31	41492	437	2192.26	0	800000	HH21 12.31 Medical in-patient Rs
co32	41492	1625	1583.44	0	300000	HH21 12.32 School Rs
co33	41492	576	986.64	0	85000	HH21 12.33 School books Rs
co34	41492	362	1965.55	0	80000	HH21 12.34 Clothing/bedding Rs
co35	41492	274	552.13	0	50000	HH21 12.35 Footwear Rs
co36	41492	189	151.70	0	100000	HH21 12.36 Furniture/fixtures Rs
co37	41492	225	111.55	0	50000	HH21 12.37 Crockery/utensils Rs
co38	41492	202	104.18	0	90000	HH21 12.38 HH appliances Rs
co39	41492	227	185.98	0	90000	HH21 12.39 Recreation goods Rs
co40	41492	283	600.86	0	300000	HH21 12.40 Jewellery Rs
co41	41492	330	766.07	0	800000	HH21 12.41 Transport equip Rs
co42	41492	113	16.35	0	25000	HH21 12.42 Therapeutic app Rs
co43	41492	271	139.22	0	90000	HH21 12.43 Other personal Rs
co44	41492	286	1406.63	0	500000	HH21 12.44 Repair/maintenance
co45	41492	1316	1039.26	0	125000	HH21 12.45 Insurance premiums
co46	41492	158	219.83	0	80000	HH21 12.46 Vacations Rs
co47	41491	458	2922.11	0	800000	HH21 12.47 Social functions Rs

Consumer goods

cg1	41550	3	1.13	1	3	HH22 13.1 House own/rent
cg2	41474	2	0.55	0	1	HH22 13.2 Own: Cycle/bicycle
cg3	41465	2	0.27	0	1	HH22 13.3 Own: Sewing machine
cg4	41453	2	0.01	0	1	HH22 13.4 Own: Generator set
cg5	41465	2	0.26	0	1	HH22 13.5 Own: Mixer/grinder
cg6	41445	2	0.19	0	1	HH22 13.6 Own: Motor cycle
cg7	41426	2	0.26	0	1	HH22 13.7 Own: B/W TV
cg8	41448	2	0.30	0	1	HH22 13.8 Own: Colour TV
cg9	41423	2	0.13	0	1	HH22 13.9 Own: Air cooler
cg10	41460	2	0.86	0	1	HH22 13.10 Own: Clock/watch
cg11	41488	2	0.64	0	1	HH22 13.11 Own: Electric fan
cg12	41483	2	0.69	0	1	HH22 13.12 Own: Chair/table
cg13	41485	2	0.85	0	1	HH22 13.13 Own: Cot
cg14	41421	2	0.17	0	1	HH22 13.14 Own: Telephone
cg15	41401	2	0.09	0	1	HH22 13.15 Own: Cell phone
cg16	41413	2	0.18	0	1	HH22 13.16 Own: Refrigerator
cg17	41294	2	0.45	0	1	HH22 13.17 Own: Pressure cookr
cg18	39202	2	0.02	0	1	HH22 13.18 Own: Car
cg19	39174	2	0.01	0	1	HH22 13.19 Own: Air conditioner
cg20	39147	2	0.05	0	1	HH22 13.20 Own: Washing mach
cg21	39129	2	0.01	0	1	HH22 13.21 Own: Computer
cg22	39030	2	0.02	0	1	HH22 13.22 Own: Credit card
cg23	41404	2	0.98	0	1	HH22 13.23 Own: 2 clothes
cg24	41403	2	0.94	0	1	HH22 13.24 Own: Footwear

Debts

db1	41553	28	1.25	0	50	HH23 14.1 N loans last 5 yrs
db2	16930	6	1.89	0	5	HH23 14.2a Yrs ago largest loan
db2b	16909	299	44381.67	0	2.00E+07	HH23 14.2b Loan largest amount
db2c	16906	9	4.44	1	9	HH23 14.2c Loan purpose
db2d	16905	9	3.97	1	9	HH23 14.2d Loan source
db2e	16905	93	2.04	0	20	HH23 14.2e Loan monthly rate
db2f	16934	2	0.27	0	1	HH23 14.2f Loan repayment
db3a	41488	2	0.01	0	1	HH23 14.3a Land sold to pay

Variable	Obs	Unique	Mean	Min	Max	Label
db3b	41483	2	0.02	0	1	HH23 14.3b Jewelery sold to pay
db4	33089	571	23628.20	0	6500000	HH23 14.4 Outstanding HH debt
db5a	41518	2	0.25	0	1	HH23 14.5a Debt with shopkeeper
db5b	26231	243	700.52	0	400000	HH23 14.5b Rs debt shopkeeper
db6	33790	182	1830.07	0	3000000	HH23 14.6 Credit due to the HH

Social networks

sn1a	41100	2	0.32	0	1	HH24 15.1a Netwk Medical
sn1b	13183	4	1.33	1	4	HH24 15.1b Netwk Med type
sn1c	13184	2	1.20	1	2	HH24 15.1c Netwk Med Sex
sn1d	14091	3	0.19	0	2.00E+00	HH24 15.1d Netwk Med Relation
sn1e	14099	2	0.37	0	1	HH24 15.1e Netwk Med Commun
sn1f	14276	2	0.40	0	1	HH24 15.1f Netwk Med Residence
sn2a	41039	2	0.40	0	1	HH24 15.2a Netwk School
sn2b	16506	3	1.15	1	3	HH24 15.2b Netwk School type
sn2c	16509	2	1.16	1	2	HH24 15.2c Netwk School Sex
sn2d	17422	3	0.28	0	2	HH24 15.2d Netwk School Relatn
sn2e	17426	2	0.49	0	1	HH24 15.2e Netwk School Comm
sn2f	17562	2	0.48	0	1	HH24 15.2f Netwk School Resid
sn3a	40870	2	0.35	0	1	HH24 15.3a Netwk Govt service
sn3b	14317	3	1.76	1	3	HH24 15.3b Netwk Govt type
sn3c	14316	2	1.06	1	2	HH24 15.3c Netwk Govt Sex
sn3d	15318	3	0.41	0	2	HH24 15.3d Netwk Govt Relation
sn3e	15311	2	0.59	0	1	HH24 15.3e Netwk Govt Commun
sn3f	15296	2	0.42	0	1	HH24 15.3f Netwk Govt Resid

Membership in organizations

me1	41479	2	0.07	0	1	HH25 16.1 Member Mahila mandl
me2	41489	2	0.05	0	1	HH25 16.2 Member Youth/Sports/
me3	41486	2	0.05	0	1	HH25 16.3 Member Union/Busns
me4	41488	2	0.10	0	1	HH25 16.4 Member Self Help
me5	41481	2	0.07	0	1	HH25 16.5 Member Credit/Saving
me6	41487	2	0.14	0	1	HH25 16.6 Member Relig/Social
me7	41483	2	0.13	0	1	HH25 16.7 Member Caste Assoc
me8	41479	2	0.02	0	1	HH25 16.8 Member Devlpmt/NGO
me9	41459	2	0.03	0	1	HH25 16.9 Member Cooperative
me10	41478	2	0.90	0	1	HH25 16.10 Voted 2004 election
me11	41454	2	0.28	0	1	HH25 16.11 Attend public meeting
me12	41362	3	0.12	0	2	HH25 16.12 Official in panchayat

Trust and conflict

tr1	41301	3	2.41	1	3	HH25 17.1 Conflict in village
tr2	41372	2	1.42	1	2	HH25 17.2 Solve local problems
tr3	41312	3	2.67	1	3	HH25 17.3 Conflict among jatis

Crime

lc1	41457	2	0.04	0	1	HH25 18.1 Theft
lc2	41459	2	0.01	0	1	HH25 18.2 Breaking in
lc3	41455	2	0.03	0	1	HH25 18.3 Attack/threat
lc4	41249	3	0.13	0	2	HH25 18.4 Harassment of girls

Confidence in institutions

ci1	41242	3	2.46	1	3	HH26 19.1 Confidence: Pols
ci2	41037	3	1.16	1	3	HH26 19.2 Confidence: Military

Variable	Obs	Unique	Mean	Min	Max	Label
ci3	41192	3	2.05	1	3	HH26 19.3 Confidence: Police
ci4	40978	3	1.97	1	3	HH26 19.4 Confidence: State govt
ci5	38590	3	1.70	1	3	HH26 19.5 Confidence: Newspaper
ci6	40838	3	1.85	1	3	HH26 19.6 Confidence: Panchayt
ci7	41075	3	1.37	1	3	HH26 19.7 Confidence: Schools
ci8	41256	3	1.43	1	3	HH26 19.8 Confidence: Medical
ci9	39590	3	1.54	1	3	HH26 19.9 Confidence: Courts
ci10	40923	3	1.13	1	3	HH26 19.10 Confidence: Banks

Deaths

de1	40420	2	0.04	0	1	HH26 20.1 Any deaths
de2a	1582	11	5.10	2	12	HH26 20.2 Death 1: Rel to head
de3a	1595	2	1.40	1	2	HH26 20.3 Death 1: Sex
de4a	1566	95	51.75351	0	96	HH26 20.4 Death 1: Age
de5a	1635	9	6.55	1	9	HH26 20.5 Death 1: Cause
de6a	266	4	0.14	0	3	HH26 20.6 Death 1: Childbirth
de2b	50	10	6.30	2	11	HH26 20.2 Death 2: Rel to head
de3b	51	2	1.51	1	2	HH26 20.3 Death 2: Sex
de4b	55	28	40.95	0	90	HH26 20.4 Death 2: Age
de5b	51	8	6.39	1	9	HH26 20.5 Death 2: Cause
de6b	19	2	0.11	0	2	HH26 20.6 Death 2: Childbirth
de2c	2	2	10.00	9	11	HH26 20.2 Death 3: Rel to head
de3c	2	1	2.00	2	2	HH26 20.3 Death 3: Sex
de4c	6	3	17.83	0	95	HH26 20.4 Death 3: Age
de5c	2	1	9.00	9	9	HH26 20.5 Death 3: Cause
de6c	9	1	0.00	0	0	HH26 20.6 Death 3: Childbirth

Observations (household interview)

oh1a	41358	21	1.58	0	26	HH28 22.1 ID Primary resp
oh2a	36528	20	1.20	0	19	HH28 22.2 Other resp 1 ID
oh2b	18033	18	0.67	0	18	HH28 22.2 Other resp 2 ID
oh2c	15388	18	0.21	0	17	HH28 22.2 Other resp 3 ID
oh2d	14890	18	0.07	0	20	HH28 22.2 Other resp 4: ID
oh3	40035	2	0.35	0	1	HH28 22.3 Non-HH at interview
oh4	41172	3	0.22	0	2	HH28 22.4 Obs: Purpose
oh5	41193	3	0.24	0	2	HH28 22.5 Obs: Understanding
oh6	41207	3	1.58	0	2	HH28 22.6 Obs: Response clarity
oh7	41201	3	1.56	0	2	HH28 22.7 Obs: Knows expend
oh8	41187	3	1.66	0	2	HH28 22.8 Obs: Confidence
oh9	41086	527	645.90	0	3000	HH28 22.9 Interview end time
oh9b	40871	2	1.74	1	2	HH28 22.9 Interview end (AM/PM)

Anthropometry

apd	41554	287				HH29 23.dt Anthropometry date
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Health and education cover sheet

ge1	41554	1	22.00	22	22	Study Code
ge3	40688	461	1499.11	0	8150	EH1 3 Interviewer ID
ge6	40134	308	1508.26	0	3660	EH1 6 Supervisor ID
ge9	41554	2	0.33	0	1	EH1 9 Reinterview Household
ge10a	41554	2	1.00	1	2	EH1 10a 1st Part Completion
ge10b	41554	2	1.07	1	2	EH1 10b Elig Wom Completion
ge11	41553	4	2.98	1	4	EH1 11 Anthro Completion
ge12	41554	4	3.47	1	4	EH1 12 Learning Completion

Variable	Obs	Unique	Mean	Min	Max	Label
ge13	41554	2	0.00	0	1	EH1 13 Additional Learning Sheet
ge14	36729	52	15.37	0	2501	EH1 14 Data Entry ID
<i>Consent form (health and education questionnaire)</i>						
cd1	41554	1	1.00	1	1	EH2 cd1 Agree to interview
cd2	41554	621				EH2 cg2 Date of interview
cd3	41332	521	682.84	0	1259	EH2 cg3 Interview start time
cd3b	41297	2	1.62	1	2	EH2 cg3b AM/PM Int. time
<i>Health and education identification</i>						
hi1	36261	33	2.94	0	32	EH3 1.1 Stratum Number
hi2	38941	341	58.65	0	453	EH3 1.2 Listing Sheet Number
hi3	41554	33	18.78	1	34	EH3 1.3 State/UT Code
hi4	41554	60	14.81	1	68	EH3 1.4 District Code
hi5	28009	53	5.84	0	61	EH3 1.5 Tehsil/Taluka Code
hi6	41554	39	5.73	1	39	EH3 1.6 Village/Town Code
hi7a	0	0				EH3 1.7a Post-Office Code
hi8a	0	0				EH3 1.8a Mohalla/Hamlet Code
hi9	41554	3	1.37	1	3	EH3 1.9 Rural/Urban/Slum
hi10	19363	3588	894.57	0	8888	EH3 1.10 1993-94 Household ID
hi12	38986	11	3.86	1	11	EH3 1.12 Intvw Language Code
<i>Children 8-11 schooling</i>						
ch1	11716	19	4.68	2	20	EH6 3.1 Ch1: Code
ch2	11716	3	1.79	0	2	EH6 3.2 Ch1: School enrolment
ch3	11554	15	5.21	0	51	EH6 3.3 Ch1: Start Age in years
ch4	11511	2	0.97	0	1	EH6 3.4 Ch1: Faculty attendance
ch5	11507	2	0.97	0	1	EH6 3.5 Ch1: Teacher attendance
ch6	11496	2	0.57	0	1	EH6 3.6 Ch1: Local teacher
ch7	11498	2	0.97	0	1	EH6 3.7 Ch1: Fair Teacher
ch8	11489	2	0.97	0	1	EH6 3.8 Ch1: Good Teacher
ch9	11495	2	0.10	0	1	EH6 3.9 Ch1: Biased Teacher
ch10	11501	2	0.50	0	1	EH6 3.10 Ch1: PTA participation
ch11	11035	35	2.61	0	99	EH6 3.11 Ch1: # teacher discuss
ch12	11472	3	1.02	0	2	EH6 3.12 Ch1: Average student
ch13	11490	2	0.93	0	1	EH6 3.13 Ch1: School enjoyment
ch14	11398	6	0.17	0	5	EH6 3.14 Ch1: # Repeats
ch15a	11319	2	0.33	0	1	EH6 3.15a Ch1: Ever praised
ch15b	11250	2	0.23	0	1	EH6 3.15b Ch1: Ever beaten
ch1ss	11716	33	17.35	1	34	EH6 state Ch1: School state
ch1sd	12720	61	14.50	0	68	EH6 dist Ch1: School district
ch1sp	12720	38	5.17	1	39	EH6 psu Ch1: School PSU
ch1s	11336	10	1.34	0	82	EH6 sch Ch1: School code
ch18	3002	21	5.75	2	24	EH7 3.18 Ch2: roster id
ch19	2998	3	1.77	0	2	EH7 3.19 Ch2: School enrolment
ch20	2930	13	5.20	0	12	EH7 3.20 Ch2: Start Age in years
ch21	2917	2	0.97	0	1	EH7 3.21 Ch2: Faculty attendance
ch22	2918	2	0.97	0	1	EH7 3.22 Ch2: Teacher attend
ch23	2915	2	0.56	0	1	EH7 3.23 Ch2: Local teacher
ch24	2920	2	0.97	0	1	EH7 3.24 Ch2: Fair teacher
ch25	2919	2	0.97	0	1	EH7 3.25 Ch2: Good Teacher
ch26	2919	2	0.09	0	1	EH7 3.26 Ch2: Biased teacher
ch27	2915	2	0.48	0	1	EH7 3.27 Ch2: PTA participation
ch28	2792	27	2.61	0	94	EH7 3.28 Ch2: # teacher discuss

Variable	Obs	Unique	Mean	Min	Max	Label
ch29	2906	3	0.98	0	2	EH7 3.29 Ch2: Average student
ch30	2915	2	0.92	0	1	EH7 3.30 Ch2: School enjoyment
ch31	2892	6	0.13	0	5	EH7 3.31 Ch2: # Repeats
ch32a	2879	2	0.29	0	1	EH7 3.32a Ch2: Ever praised
ch32b	2859	2	0.24	0	1	EH7 3.32b Ch2: Ever beaten
ch2ss	3002	33	16.10	1	34	EH7 state Ch2: School state
ch2sd	4252	61	11.61	0	68	EH7 dist Ch2: School district
ch2sp	4252	32	4.61	1	37	EH7 psu Ch2: School PSU
ch2s	2895	7	1.32	0	8	EH7 sch Ch2: School code

Marriage practices

mp1	41354	2	0.48	0	1	EH8 4.1 Marry daughter natal vill
mp2	41348	2	0.36	0	1	EH8 4.2 Marry daughter cousin
mp3a	41258	146	59398.11	0	2000000	EH8 4.3a Boy's wed exp-lower
mp3b	41283	219	76433.50	0	2005000	EH8 4.3b Boy's wed exp-upper
mp4a	41253	196	91401.84	0	2005000	EH8 4.4a Girl's wed exp-lower
mp4b	41287	268	118871.1	0	2050000	EH8 4.4b Girl's wed exp-upper
mp5a	41334	3	1.68	0	2	EH8 4.5a Wed Gift: gold
mp5b	41344	3	1.50	0	2	EH8 4.5b Wed Gift: silver
mp5c	41338	3	0.06	0	2	EH8 4.5c Wed Gift: land
mp5d	41330	3	0.07	0	2	EH8 4.5d Wed Gift: car
mp5e	41333	3	0.42	0	2	EH8 4.5e Wed Gift: scooter
mp5f	41311	3	0.75	0	2	EH8 4.5f Wed Gift: TV
mp5g	41304	3	0.49	0	2	EH8 4.5g Wed Gift: Fridge
mp5h	41308	3	1.25	0	2	EH8 4.5h Wed Gift: Furniture
mp5i	41312	3	1.00	0	2	EH8 4.5i Wed Gift: Pressure cook
mp5j	41299	3	1.72	0	2	EH8 4.5j Wed Gift: Utensils
mp5k	41262	3	0.63	0	2	EH8 4.5k Wed Gift: Mixer/Grinder
mp5l	41302	3	1.60	0	2	EH8 4.5l Wed Gift: Bedding
mp5m	41300	3	1.48	0	2	EH8 4.5m Wed Gift: Watch
mp5n	41291	3	0.44	0	2	EH8 4.5n Wed Gift: Bicycle
mp5o	41279	3	0.65	0	2	EH8 4.5o Wed Gift: Sewing m/c
mp5p	41273	3	0.28	0	2	EH8 4.5p Wed Gift: Livestock
mp5q	41221	3	0.01	0	2	EH8 4.5q Wed Gift: Tractor
mp5r	41052	3	1.01	0	2	EH8 4.5r Wed Gift: Cash
mp5s	34065	197	26941.40	0	2500000	EH8 4.5s Wed Gift: Cash amount

Water

wa1	41494	11	2.27	1	11	EH9 5.1 Water source: usual
wa2	41494	2	0.52	0	1	EH9 5.2 Water within house
wa2a	19697	41	10.33	1	120	EH9 5.2a Walking time to water
wa3	19111	24	4.58	1	24	EH9 5.3 Water supply hours
wa4	41494	2	0.94	0	1	EH9 5.4 Same source summer
wa5	2458	11	4.56	1	11	EH9 5.5 Water source summer
wa6	2458	2	0.11	0	1	EH9 5.6 Water in house summer
wa6a	2184	32	20.01	1	120	EH9 5.6a Time to summer water
wa7	40318	2	0.92	0	1	EH9 5.7 Water Avail: usual
wa8	40923	2	0.85	0	1	EH9 5.8 Water Avail: Summer
wa9a	25038	142	54.48	0	720	EH9 5.9a Get Water women
wa9b	21836	105	23.96	0	540	EH9 5.9b Get Water men
wa9c	19554	70	9.71	0	440	EH9 5.9c Get Water girls
wa9d	19574	59	4.77	0	360	EH9 5.9d Get Water boys
wa10	41159	4	0.67	0	3	EH9 5.10 Purify water

Variable	Obs	Unique	Mean	Min	Max	Label
wa11a	41242	3	0.98	0	2	EH9 5.11a Drinking water storage
wa11b	37589	4	2.33	1	4	EH9 5.11b Drinking water pouring
Sanitation						
sa1	40601	22	2.61	0	27	EH10 6.1 Number of rooms
sa2	41406	3	2.02	1	3	EH10 6.2 Cooking place
sa2a	37545	4	1.86	0	9	EH10 6.2a Vent in cooking place
sa3	41047	2	0.05	0	1	EH10 6.3 Household servant
sa4	41249	4	1.06	0	3	EH10 6.4 Household Toilet
sa5	29168	4	0.27	0	3	EH10 6.5 Access to public toilet
sa6	41397	2	0.99	0	1	EH10 6.6 Handwash aft defecate
sa6a	41087	3	2.34	1	3	EH10 6.6a Use in handwash
Fuels						
fu1	41249	2	0.78	0	1	EH10 7.1 HH electricity
fu1a	33616	25	15.78	0	24	EH10 7.1a Electricity hours
fu1b	33459	6	1.04	0	5	EH10 7.1b Electricity Payment
fu1c	30967	622	191.68	0	9000	EH10 7.1c Electricity Rs
fu2	41218	7	2.85	0	6	EH10 7.2 Meals per day
fu3	41299	13	3.18	0	12	EH10 7.3 Hours burning stove
fu4	40697	4	1.28	0	3	EH10 7.4 HH chulha type
fu5	41116	5	1.45	0	4	EH11 7.5 Firewood use
fu5a	29463	4	2.18	1	4	EH11 7.5a Firewood source
fu5b	23623	156	81.92	0	2500	EH11 7.5b Firewood Rs
fu6	40563	5	0.71	0	4	EH11 7.6 Dung use
fu6a	15173	4	2.14	1	4	EH11 7.6a Dung source
fu6b	17193	82	19.36	0	800	EH11 7.6b Dung Rs
fu7	39567	5	0.30	0	4	EH11 7.7 Crop residue use
fu7a	5348	4	2.30	1	4	EH11 7.7a Crop residue source
fu7b	14385	38	2.67	0	750	EH11 7.7b Crop residue Rs
fu8	41051	5	1.59	0	4	EH11 7.8 Kerosene use
fu8a	30643	3	1.32	1	3	EH11 7.8a Kerosene source
fu8b	34145	260	44.12	0	875	EH11 7.8b Kerosene Rs
fu9	39770	5	0.64	0	4	EH11 7.9 LPG use
fu9a	16013	3	1.81	1	3	EH11 7.9a LPG source
fu9b	25003	289	168.22	0	1000	EH11 7.9b LPG Rs
fu10	38537	5	0.07	0	4	EH11 7.10 Coal/ charcoal use
fu10a	1797	3	1.19	1	3	EH11 7.10a Coal/ charcoal source
fu10b	14969	89	15.48	0	850	EH11 7.10b Coal/ charcoal Rs
fu11a	25097	66	32.28	0	240	EH11 7.11a Fuel distance
fu11b	23247	246	207.15	0	3600	EH11 7.11b Fuel Coll women
fu11c	19857	184	113.12	0	2100	EH11 7.11c Fuel Coll men
fu11d	17152	109	18.57	0	1340	EH11 7.11d Fuel Coll girls
fu11e	16975	85	11.55	0	1440	EH11 7.11e Fuel Coll boys
Quality of medical care						
qc1	37321	5	2.41	1	5	EH17 11.1 Med treatment who
qc2	37255	4	1.82	1	4	EH17 11.2 Med treatment where
qc3	37038	4	2.12	1	4	EH17 11.3 Illness type
qc4	35959	18	5.73	0	31	EH17 11.4m Med treatment Month
qc4b	37137	29	4.75	0	97	EH17 11.4y Med treatment Year
qc5	37000	3	1.92	1	3	EH17 11.5 Med treatment sex
qc6	37121	3	1.27	1	3	EH17 11.6 Doctor's behaviour
qc7	36823	81	21.46	0	480	EH17 11.7 Med treat wait time

Variable	Obs	Unique	Mean	Min	Max	Label
qc8	37165	7	2.40	1	7	EH17 11.8 Med treat accompan
qcstate	39673	34	18.78	1	34	EH17 clinicid state
qcdist	39784	70	14.63	0	98	EH17 clinicid district
qcpsu	39755	45	5.76	1	90	EH17 clinicid PSU
qccode	36563	20	1.70	0	92	EH17 clinicid clinic code

Observation (health and education questionnaire, part 1)

o5a	14961	16	2.11	1	17	EH18 12.5a Obs: respondent ID
o6	11465	17	1.00	0	21	EH18 12.6 Obs: Other respondt 1
o6a	6934	16	0.56	0	15	EH18 12.6a Obs: Other respond 2
o6b	6225	15	0.17	0	15	EH18 12.6b Obs: Other respond 3
o6c	6111	13	0.05	0	15	EH18 12.6c Obs: Other respond 4
o7	15092	2	0.35	0	1	EH18 12.7 Obs: Non-HH present

Eligible woman information

ew3	33483	23	2.52	1	28	EH19 13.3 EWoman: HH ID
ew4	33490	11	2.52	1	11	EH19 13.4 EWoman: Rel HHhead
ew5	33483	36	33.02	15	50	EH19 13.5 EWoman: Age
ew6	41554	7015				EH19 13.6 EWoman: Date of birth
ew7	33057	16	4.63	0	15	EH19 13.7 EWoman: Education
ew8	33400	14	2.58	0	13	EH19 13.8 EWoman: N children
ew9	33508	5	2.23	1	5	EH19 13.9 EWoman: health

Health beliefs

hb1	31756	2	0.22	0	1	EH20 14.1 Belief Daily milk
hb2	23997	2	0.57	0	1	EH20 14.2 Belief Male sterilistn
hb3	33081	3	1.31	1	3	EH20 14.3 Belief 1st thin milk
hb4	33251	3	2.09	1	3	EH20 14.4 Belief Chulha smoke
hb5	30808	4	2.07	1	4	EH20 14.5 Belief Diarrhea
hb6	22174	5	2.54	1	5	EH20 14.6 Belief Pregnancy

Aids information

ai1	33207	2	0.58	0	1	EH20 15.1 AIDS Awareness
ai1a	19550	2	0.94	0	1	EH20 15.1a AIDS Sex
ai1b	19111	2	0.94	0	1	EH20 15.1b AIDS Needle
ai1c	17213	2	0.44	0	1	EH20 15.1c AIDS Mosquito bite
ai1d	19020	2	0.93	0	1	EH20 15.1d AIDS Transfusion
ai1e	17974	2	0.25	0	1	EH20 15.1e AIDS Food sharing
ai2	21310	2	0.08	0	1	EH20 15.2 AIDS Known person

Gender relations

gr1a	33165	2	0.95	0	1	EH21 16.1a Cooking Respondent
gr1b	30199	2	0.45	0	1	EH21 16.1b Cooking Husband
gr1c	28068	2	0.13	0	1	EH21 16.1c Cooking Sr male
gr1d	28458	2	0.26	0	1	EH21 16.1d Cooking Sr female
gr1e	27588	2	0.11	0	1	EH21 16.1e Cooking Other
gr1f	25622	2	0.02	0	1	EH21 16.1f Cooking No One
gr1g	33023	5	1.54	1	5	EH21 16.1g Cooking Most Say
gr2a	31849	2	0.75	0	1	EH21 16.2a Purchase Respond
gr2b	32669	2	0.91	0	1	EH21 16.2b Purchase Husband
gr2c	28405	2	0.22	0	1	EH21 16.2c Purchase Sr male
gr2d	28075	2	0.20	0	1	EH21 16.2d Purchase Sr female
gr2e	27479	2	0.09	0	1	EH21 16.2e Purchase Other
gr2f	25401	2	0.01	0	1	EH21 16.2f Purchase No One

Variable	Obs	Unique	Mean	Min	Max	Label
gr2g	33073	5	2.10	1	5	EH21 16.2g Purchase Most Say
gr3a	32171	2	0.84	0	1	EH21 16.3a N children Respond
gr3b	32592	2	0.92	0	1	EH21 16.3b N children Husband
gr3c	27760	2	0.09	0	1	EH21 16.3c N children Sr male
gr3d	27754	2	0.13	0	1	EH21 16.3d N children Sr female
gr3e	27179	2	0.01	0	1	EH21 16.3e N children Other
gr3f	25460	2	0.02	0	1	EH21 16.3f N children No One
gr3g	32490	5	1.89	1	5	EH21 16.3g N children Most Say
gr4a	32025	2	0.86	0	1	EH21 16.4a Child ill Respondent
gr4b	31595	2	0.85	0	1	EH21 16.4b Child ill Husband
gr4c	27657	2	0.16	0	1	EH21 16.4c Child ill Sr male
gr4d	27611	2	0.18	0	1	EH21 16.4d Child ill Sr female
gr4e	26939	2	0.06	0	1	EH21 16.4e Child ill Other
gr4f	25204	2	0.02	0	1	EH21 16.4f Child ill No One
gr4g	32074	5	1.85	1	5	EH21 16.4g Child ill Most Say
gr5a	31453	2	0.79	0	1	EH21 16.5a Child's wed R
gr5b	31945	2	0.90	0	1	EH21 16.5b Child's wed Husband
gr5c	27877	2	0.25	0	1	EH21 16.5c Child's wed Sr male
gr5d	27674	2	0.24	0	1	EH21 16.5d Child's wed Sr female
gr5e	26988	2	0.11	0	1	EH21 16.5e Child's wed Other
gr5f	25278	2	0.04	0	1	EH21 16.5f Child's wed No One
gr5g	31850	5	2.17	1	5	EH21 16.5g Child's wed Most Say
gr6a	33308	2	0.75	0	1	EH21 16.6a Permission health c...
gr6b	27941	2	0.82	0	1	EH21 16.6b Perm husband: health
gr6c	23756	2	0.16	0	1	EH21 16.6c Perm Sr male: health
gr6d	23904	2	0.24	0	1	EH21 16.6d Perm Sr Female: hea
gr6e	23120	2	0.05	0	1	EH21 16.6e Perm others health
gr6f	32185	2	0.70	0	1	EH21 16.6f Health centre alone
gr7a	32763	2	0.76	0	1	EH21 16.7a Permissn Frnd home
gr7b	27892	2	0.83	0	1	EH21 16.7b Perm husband Friend
gr7c	23463	2	0.16	0	1	EH21 16.7c Perm Sr male Friend
gr7d	23590	2	0.25	0	1	EH21 16.7d Perm Sr Female Frnd
gr7e	22799	2	0.05	0	1	EH21 16.7e Perm others Friend
gr7f	31655	2	0.72	0	1	EH21 16.7f Visit Friend alone
gr8a	27307	2	0.55	0	1	EH21 16.8a Permission Kirana
gr8b	21838	2	0.64	0	1	EH21 16.8b Perm hsbnd Kirana...
gr8c	18338	2	0.12	0	1	EH21 16.8c Perm Sr male Kirana
gr8d	18376	2	0.18	0	1	EH21 16.8d Perm Sr Fem Kirana
gr8e	17923	2	0.05	0	1	EH21 16.8e Perm others Kirana
gr8f	27930	2	0.76	0	1	EH21 16.8f Visit Kirana alone
gr9	33383	2	0.53	0	1	EH22 16.9 Purdah Practice
gr10	33309	2	0.52	0	1	EH22 16.10 Family outing
gr11a	33298	2	0.58	0	1	EH22 16.11s Shopping Respond
gr11b	33322	2	0.81	0	1	EH22 16.11m Shopping men
gr11c	33112	2	0.17	0	1	EH22 16.11w Shopping women
gr11d	32551	2	0.17	0	1	EH22 16.11c Shopping Children
gr12a	31819	2	0.33	0	1	EH22 16.12s Homework Respond
gr12b	31773	2	0.33	0	1	EH22 16.12m Homework men
gr12c	31669	2	0.05	0	1	EH22 16.12w Homework women
gr12d	31226	2	0.28	0	1	EH22 16.12c Homework Children
gr13	33381	4	2.11	1	4	EH22 16.13 Family meal taking
gr14	33393	2	0.83	0	1	EH22 16.14 Cash-in-hand

Variable	Obs	Unique	Mean	Min	Max	Label
gr15a	33298	2	0.39	0	1	EH22 16.15a Family bank account
gr15b	30141	2	0.20	0	1	EH22 16.15b Resp account holder
gr16	33305	3	0.48	0	8	EH22 16.16 House papers: Wom
gr17	33243	3	1.17	1	3	EH22 16.17 Girls educatn equal
gr18a	32713	3	1.15	0	2	EH22 16.18a Discuss: Work/farm
gr18b	32834	3	1.37	0	2	EH22 16.18b Discuss: Expend
gr18c	32811	3	0.86	0	2	EH22 16.18c Discuss: Politics
gr19	32337	5	3.03	1	5	EH22 16.19 Natal family visit
gr20	32174	2	0.59	0	1	EH22 16.20 Natal family nearby
gr21	33355	2	0.36	0	1	EH23 16.21 Beat leaves no permit
gr22	33357	2	0.26	0	1	EH23 16.22 Beat if no dowry
gr23	33375	2	0.32	0	1	EH23 16.23 Beat if House neglect
gr24	33381	2	0.27	0	1	EH23 16.24 Beat if bad cooking
gr25	33295	2	0.83	0	1	EH23 16.25 Beat if extramarital
gr26	33289	4	2.24	1	4	EH23 16.26 Widow support
gr27	32981	4	1.40	1	4	EH23 16.27 Live with in old age
gr28	26180	2	0.22	0	1	EH23 16.28 Would live w daughtr
gr29	32814	4	1.44	1	4	EH23 16.29 Financial support
gr30	26049	2	0.27	0	1	EH23 16.30 Support: daughter
gr31	32682	3	1.22	1	3	EH23 16.31 Harassment of girls
grwho	33174	4	1.93	1	4	EH23 16 who else present

Marital history

mh1a	33453	43	17.59	0	88	EH24 17.1a Age at marriage
mh1b	41554	629				EH24 17.1b Date of marriage
mh2a	33460	39	17.98	2	99	EH24 17.2a Age at Gauna
mh2b	41554	616				EH24 17.2b Date of Gauna
mh2c	33415	18	13.74	0	25	EH24 17.2c Age at Menarche
mh2d	33372	3	1.17	1	3	EH24 17.2d Menarche after wed
mh3	33528	5	1.05	0	4	EH24 17.3 Marriage status
mh4	33375	5	1.77	1	5	EH24 17.4 Knew husb before wed
mh5a	33423	4	2.53	1	4	EH24 17.5a Marriage choice
mh5b	22996	2	0.33	0	1	EH24 17.5b Choice R say
mh6	33363	2	0.14	0	1	EH24 17.6 Husband same vill
mh7	33374	2	0.94	0	1	EH24 17.7 Husband same caste
mh8	33331	3	1.16	1	3	EH24 17.8 Live after marriage
mh9	33132	57	3.52	0	99	EH24 17.9 Distance natal family
mh10	24610	5	0.70	0	9	EH24 17.10 Husband blood rel
mh11	30202	5	0.21	0	4	EH24 17.11 Natal fam married h...
mh12	30397	5	0.32	0	4	EH24 17.12 Natal fam married s...
mh13	31888	3	1.35	1	3	EH24 17.13 Econ stat husb fam
mh14	32950	17	1.91	0	99	EH24 17.14 Husband: N sisters
mh14a	30460	18	4.47	0	99	EH24 17.14a Husb sisters educ
mh15a	33220	16	2.06	0	88	EH25 17.15a Husb N brothers
mh15b	31251	21	7.43	0	99	EH25 17.15b Husb brothers educ
mh16	33298	7	1.04	1	9	EH25 17.16 Husb Marriage 1+
mh17a	33163	2	1.01	1	2	EH25 17.17a R Marriage 1+
mh17b	5067	6	0.54	0	9	EH25 17.17b R N marriages
mh18a	802	29	6.64	0	30	EH25 17.18a 1st marriage Age
mh18b	41554	177				EH25 17.18b 1st marriage Date
mh19a	715	27	10.07	0	99	EH25 17.19a 1st marriage Age
mh19b	41554	181				EH25 17.19b 1st marriage Date ...
mh20	362	3	3.10	2	4	EH25 17.20 1st marriage Status

Variable	Obs	Unique	Mean	Min	Max	Label
<i>Fertility history</i>						
fh1	32904	9	1.27	0	8	EH26 18.1 N sons with R
fh2	32824	9	1.06	0	8	EH26 18.2 N daughters with R
fh3	32505	7	0.09	0	7	EH26 18.3 N sons elsewhere
fh4	32519	8	0.21	0	7	EH26 18.4 N daughters elsewhere
fh5a	32453	8	0.12	0	7	EH26 18.5a N sons died
fh5b	32426	6	0.11	0	5	EH26 18.5b N daughters died
fh6	32951	15	2.84	0	15	EH26 18.6 Total N children borne
fh7a	31783	10	0.06	0	99	EH26 18.7a N still births
fh7b	31621	10	0.17	0	10	EH26 18.7b N miscarriages
fh7c	31131	10	0.12	0	10	EH26 18.7c N spont miscarry
fh7d	30986	8	0.04	0	9	EH26 18.7d N abortions
fhchk	32034	2	0.91	0	1	EH26 18.chk One+ live births
<i>Fertility practices</i>						
fp1	32351	3	0.05	0	2	EH28 20.1 Current pregnancy
fp2a	30307	2	0.57	0	1	EH28 20.2a Contraceptive usage
fp2b	18618	14	5.43	1	90	EH28 20.2b Contraception Meth1
fp2c	1563	14	5.55	1	90	EH28 20.2c Contraception Meth2
fp3a	27880	4	0.80	0	3	EH28 20.3a More children desired
fp3b	8533	13	1.05	0	99	EH28 20.3b N more desired
fp3c	5600	3	2.05	1	3	EH28 20.3c Time next childbirth
fp4a	23318	7	0.44	0	9	EH28 20.4a More ch desired Husb
fp4b	8499	17	2.07	0	99	EH28 20.4b N more desired Husb
fp4c	8803	5	1.55	0	4	EH28 20.4c Time next birth Husb
fp5	31588	15	3.48	0	99	EH28 20.5 N children ideally
fp5a	31361	11	11.50	0	99	EH28 20.5a N sons ideally
fp5b	31171	9	11.45	0	98	EH28 20.5b N daughters ideally
fpwho	31430	4	1.88	1	4	EH28 20 Others present
<i>Last birth</i>						
lb0	13718	6	1.23	0	5	EH29 21.0 Nbirths since Jan2000
lb1a	11958	13	2.77	1	13	EH29 21.1a Birth ID: LB
lb1b	12009	2	0.97	0	1	EH29 21.1b LB Survival
lb2a	4334	12	2.34	1	12	EH29 21.2a Birth ID: NLB
lb2b	4787	2	0.87	0	1	EH29 21.2b NLB Survival
lb3a	11828	2	0.79	0	1	EH29 21.3a LB Antenatal checkup
lb3b	10950	2	0.47	0	1	EH29 21.3b LB check Gov clinic
lb3c	10855	2	0.37	0	1	EH29 21.3c LB check Pvt clinic
lb3d	10790	2	0.05	0	1	EH29 21.3d LB check Gov as pvt
lb3e	10785	2	0.07	0	1	EH29 21.3e LB check Home
lb3f	11016	2	0.63	0	1	EH29 21.3f LB check doctor
lb3g	10928	2	0.43	0	1	EH29 21.3g LB check Nurse/ANM
lb3h	10864	2	0.08	0	1	EH29 21.3h LB check Midwife
lb3i	10861	2	0.02	0	1	EH29 21.3i LB check By other
lb4	11702	2	0.26	0	1	EH29 21.4 LB Visit by pubhealth
lb5	10886	10	2.89	0	9	EH29 21.5 LB checkup Months
lb6	10861	28	3.80	0	99	EH29 21.6 LB N checkups
lb7a	11535	2	0.64	0	1	EH29 21.7a LB check Weight
lb7b	11541	2	0.60	0	1	EH29 21.7b LB check BP
lb7c	11546	2	0.61	0	1	EH29 21.7c LB check Blood Test
lb7d	11543	2	0.60	0	1	EH29 21.7d LB check Urine Test
lb7e	11561	2	0.66	0	1	EH29 21.7e LB check Abdomen

Variable	Obs	Unique	Mean	Min	Max	Label
lb7f	11549	2	0.26	0	1	EH29 21.7f LB check Internal
lb7g	11425	2	0.26	0	1	EH29 21.7g LB check Sonogram
lb7h	11392	2	0.09	0	1	EH29 21.7h LB check Amnio
lb8	3160	2	0.16	0	1	EH29 21.8 LB Sex determination
lb9a	11849	2	0.05	0	1	EH29 21.9a LB prob: Night blin...
lb9b	11847	2	0.10	0	1	EH29 21.9b LB prob: Blurred vi...
lb9c	11845	2	0.13	0	1	EH29 21.9c LB prob: Convulsions
lb9d	11846	2	0.36	0	1	EH29 21.9d LB prob: Fatigue
lb9e	11839	2	0.18	0	1	EH29 21.9e LB prob: Anaemia
lb9f	11816	2	0.03	0	1	EH29 21.9f LB prob: Bleeding
lb10	11459	3	1.04	0	2	EH29 21.10 LB Iron tablets
lb12	12113	7	1.84	0	7	EH30 21.12 LB N TT injections
lb13	11930	3	1.29	1	3	EH30 21.13 LB Pre-delivery home
lb14	11931	4	2.29	1	4	EH30 21.14 LB Place of delivery
lb15a	11899	2	0.44	0	1	EH30 21.15a LB delivery: doctor
lb15b	11875	2	0.41	0	1	EH30 21.15b LB delivery: Nurse
lb15c	11834	2	0.42	0	1	EH30 21.15c LB delivery: Midwife
lb15d	11814	2	0.29	0	1	EH30 21.15d LB delivery: Friend
lb15e	11773	2	0.12	0	1	EH30 21.15e LB delivery: Other
lb16	11875	4	2.08	1	4	EH30 21.16 LB Size of child
lb17	11889	3	1.18	1	3	EH30 21.17 LB Type of Delivery
lb18	11884	4	0.78	0	3	EH30 21.18 LB Post-natal check
lb18a	7595	57	7.30	0	99	EH30 21.18a LB when post-check
lb19a	11666	2	0.07	0	1	EH30 21.19a LB Vaginal bleeding
lb19b	11621	2	0.10	0	1	EH30 21.19b LB Very high fever
lb20	11781	3	0.78	0	2	EH31 21.20 LB Immun card
lb21a	41554	1236	.	.	.	EH31 21.21a LB Immun BCG date
lb21b	41554	806	.	.	.	EH31 21.21b LB Immun Polio0
lb21c	41554	1202	.	.	.	EH31 21.21c LB Immun DPT1
lb21d	41554	1168	.	.	.	EH31 21.21d LB Immun DPT2
lb21e	41554	1100	.	.	.	EH31 21.21e LB Immun DPT3
lb21f	41554	1154	.	.	.	EH31 21.21f LB Immun Polio1
lb21g	41554	1124	.	.	.	EH31 21.21g LB Immun Polio2
lb21h	41554	1061	.	.	.	EH31 21.21h LB Immun Polio3
lb21i	41554	919	.	.	.	EH31 21.21i LB Immun Measls
lb22	6198	2	0.30	0	1	EH31 21.22 LB Vacc not record
lb23	9095	2	0.84	0	1	EH31 21.23 LB Vacc No card
lb24	8772	2	0.80	0	1	EH31 21.24 LB BCG given
lb25	8683	10	2.01	0	9	EH31 21.25 LB # DPT given
lb26a	8723	39	4.03	0	99	EH31 21.26a LB Polio frequency
lb26b	7883	2	1.60	1	2	EH31 21.26b LB First polio time
lb27	8775	2	0.59	0	1	EH31 21.27 LB Measles vaccine
lb28	10330	5	1.73	1	5	EH31 21.28 LB Vaccine Centre
lb29	3689	55	7.36	0	69	EH31 21.29 LB mos. Vitamin A
lb30	12014	2	0.97	0	1	EH32 21.30 LB Breastfeeding
lb31	11581	64	18.61	0	96	EH32 21.31 LB 1st breastfeeding
lb32	11647	2	0.50	0	1	EH32 21.32 LB Squeeze milk
lb33	5253	48	16.78	0	66	EH32 21.33 LB Breastfeeding dur
lb34a	9245	40	6.16	0	66	EH32 21.34a LB Age at diet supp
lb34b	9457	40	8.41	0	66	EH32 21.34b LB Age at Solid food
lb35	11015	4	0.39	0	3	EH32 21.35 LB AWC beneficiary
lb36a	10879	2	0.26	0	1	EH32 21.36a LB AWC:Immun

Variable	Obs	Unique	Mean	Min	Max	Label
lb36a1	6543	7	1.65	0	6	EH32 21.36a LB AWC:Immun freq
lb36b	10785	2	0.20	0	1	EH32 21.36b LB AWC:Hlth check
lb36b1	6044	7	1.37	0	6	EH32 21.36b LB AWC:Check freq
lb36c	10762	2	0.22	0	1	EH32 21.36c LB AWC:Food
lb36c1	6254	7	0.87	0	6	EH32 21.36c LB AWC:Food freq
lb36d	10748	2	0.22	0	1	EH32 21.36d LB AWC:Grow chk
lb36d1	6255	7	1.45	0	6	EH32 21.36d LB AWC:Grow freq
lb36e	10706	2	0.09	0	1	EH32 21.36e LB AWC:Educ
lb36e1	5763	7	0.34	0	6	EH32 21.36e LB AWC:Educ freq

Next to last birth

nl1a	4315	12	2.34	1	12	EH33 22.1a NLB Birth ID
nl1b	4340	2	0.94	0	1	EH33 22.1b NLB Survival
nl2a	4257	2	0.69	0	1	EH33 22.2a NLB Antenatal check
nl2b	3674	2	0.48	0	1	EH33 22.2b NLB checkup Govt
nl2c	3643	2	0.30	0	1	EH33 22.2c NLB checkup Priv
nl2d	3121	2	0.05	0	1	EH33 22.2d NLB checkup Home
nl2e	3122	2	0.08	0	1	EH33 22.2e NLB checkup Other
nl2f	3403	2	0.58	0	1	EH33 22.2f NLB checkup doctor
nl2g	3321	2	0.46	0	1	EH33 22.2g NLB checkup Nurse
nl2h	3157	2	0.11	0	1	EH33 22.2h NLB checkup Midwife
nl2i	3137	2	0.02	0	1	EH33 22.2i NLB checkup Other
nl3	4078	2	0.24	0	1	EH33 22.3 NLB Health worker
nl4	3671	10	2.77	0	9	EH33 22.4 NLB checkup Months
nl5	3717	24	3.27	0	99	EH33 22.5 NLB N checkups
nl6a	4012	2	0.57	0	1	EH33 22.6a NLB checkup Weight
nl6b	4005	2	0.51	0	1	EH33 22.6b NLB checkup BP
nl6c	4008	2	0.54	0	1	EH33 22.6c NLB checkup Blood
nl6d	4008	2	0.52	0	1	EH33 22.6d NLB checkup Urine
nl6e	4003	2	0.56	0	1	EH33 22.6e NLB check Abdomen
nl6f	4002	2	0.30	0	1	EH33 22.6f NLB checkup Internal
nl6g	4004	2	0.18	0	1	EH33 22.6g NLB check Sonogram
nl6h	3954	2	0.06	0	1	EH33 22.6h NLB checkup Amnio
nl7	851	2	0.13	0	1	EH33 22.7 NLB Sex determine
nl8a	4168	2	0.06	0	1	EH33 22.8a NLB prob Night blind
nl8b	4169	2	0.10	0	1	EH33 22.8b NLB prob Blurred
nl8c	4172	2	0.11	0	1	EH33 22.8c NLB prob Convulsion
nl8d	4172	2	0.34	0	1	EH33 22.8d NLB prob Fatigue
nl8e	4173	2	0.17	0	1	EH33 22.8e NLB prob Anaemia
nl8f	4166	2	0.03	0	1	EH33 22.8f NLB prob Bleeding
nl9	4012	3	0.97	0	2	EH33 22.9 NLB Iron tablets
nl12	4416	6	1.68	0	7	EH34 22.12 NLB N TT injections
nl13	4201	3	1.28	1	3	EH34 22.13 NLB Pre-deliv home
nl14	4196	4	2.40	1	4	EH34 22.14 NLB Place of delivery
nl15a	4203	2	0.37	0	1	EH34 22.15a NLB delivery doctor
nl15b	4196	2	0.34	0	1	EH34 22.15b NLB delivery Nurse
nl15c	4185	2	0.47	0	1	EH34 22.15c NLB deliv Midwife
nl15d	4180	2	0.32	0	1	EH34 22.15d NLB delivery Friend
nl15e	4163	2	0.11	0	1	EH34 22.15e NLB delivery Other
nl16	4183	4	2.07	1	4	EH34 22.16 NLB Size of child
nl17	4183	3	1.12	1	3	EH34 22.17 NLB Type of Delivery
nl18	4176	4	0.63	0	3	EH34 22.18 NLB Post checkup
nl18a	2481	43	6.31	0	99	EH34 22.18a NLB post-chk Days

Variable	Obs	Unique	Mean	Min	Max	Label
nl19a	4102	2	0.06	0	1	EH34 22.19a NLB post bleeding
nl19b	4082	2	0.10	0	1	EH34 22.19b NLB post high fever
nl20	4317	3	0.59	0	2	EH35 22.20 NLB Immuniztn card
nl21a	41554	505	.	.	.	EH35 22.21a NLB Immun BCG
nl21b	41554	235	.	.	.	EH35 22.21b NLB Immun Polio 0
nl21c	41554	511	.	.	.	EH35 22.21c NLB Immun DPT1
nl21d	41554	509	.	.	.	EH35 22.21d NLB Immun DPT2
nl21e	41554	487	.	.	.	EH35 22.21e NLB Immun DPT3
nl21f	41554	494	.	.	.	EH35 22.21f NLB Immun Polio 1
nl21g	41554	487	.	.	.	EH35 22.21g NLB Immun Polio 2
nl21h	41554	473	.	.	.	EH35 22.21h NLB Immun Polio 3
nl21i	41554	444	.	.	.	EH35 22.21i NLB Immun Measles
nl22	2000	2	0.31	0	1	EH35 22.22 NLB Vacc not rec
nl23	3518	2	0.83	0	1	EH35 22.23 NLB Vacc No card
nl24	3375	2	0.79	0	1	EH35 22.24 NLB BCG given
nl25	3328	8	2.09	0	7	EH35 22.25 NLB # DPT
nl26a	3343	32	4.96	0	62	EH35 22.26a NLB # Polio
nl26b	3307	3	1.50	0	2	EH35 22.26b NLB First polio
nl27	3358	2	0.65	0	1	EH35 22.27 NLB Measles vacc
nl28	3597	5	1.78	1	5	EH35 22.28 NLB Vaccine Cent
nl29	1311	53	9.92	0	66	EH35 22.29 NLB mos Vit A
nl30	4351	2	0.93	0	1	EH36 22.30 NLB Breastfeeding
nl31	4014	47	19.55	0	96	EH36 22.31 NLB Brfeed start
nl32	4038	2	0.52	0	1	EH36 22.32 NLB Squeeze milk
nl33	3673	46	16.93	0	70	EH36 22.33 NLB Brfeed duratn
nl34a	3618	41	7.17	0	68	EH36 22.34a NLB Age other milk
nl34b	3818	45	9.62	0	68	EH36 22.34b NLB Age solid food
nl35	4083	4	0.45	0	3	EH36 22.35 NLB AWC benefic
nl36a	3807	2	0.26	0	1	EH36 22.36a NLB AWC:Immun
nl36a1	2323	7	1.63	0	6	EH36 22.36a NLB AWC:Imm frq
nl36b	3762	2	0.20	0	1	EH36 22.36b NLB AWC:Checkup
nl36b1	2156	7	1.33	0	6	EH36 22.36b NLB AWC:Check frq
nl36c	3762	2	0.23	0	1	EH36 22.36c NLB AWC:Food
nl36c1	2267	7	0.86	0	6	EH36 22.36c NLB AWC:Food freq
nl36d	3754	2	0.22	0	1	EH36 22.36d NLB AWC:Growth
nl36d1	2261	7	1.46	0	6	EH36 22.36d NLB AWC:Grow frq
nl36e	3742	2	0.14	0	1	EH36 22.36e NLB AWC:Educ
nl36e1	2136	7	0.45	0	6	EH36 22.36e NLB AWC:Educ freq

Housing quality

hq1	41048	6	2.56	1	6	EH37 23.1 Obs: House Type
hq2a	41147	2	0.22	0	1	EH37 23.2a Obs: House Excremnt
hq2b	41115	2	0.16	0	1	EH37 23.2b Obs: Stagnant water
hq3	41023	4	0.74	0	3	EH37 23.3 Obs: Animals kept in
hq4	41165	9	5.18	1	9	EH37 23.4 Obs: Wall type
hq5	41177	10	4.42	1	10	EH37 23.5 Obs: Roof type
hq6	41170	7	3.34	1	7	EH37 23.6 Obs: Floor type

Observations (eligible woman survey)

og1	39071	3	0.18	0	2	EH37 24.1 Obs: Purpose
og2	38852	3	0.22	0	2	EH37 24.2 Obs: Understanding
og3	33740	3	1.61	0	2	EH37 24.3 Obs: Clarity
og4	34042	3	1.42	0	2	EH37 24.4 Obs: Knows expend

Variable	Obs	Unique	Mean	Min	Max	Label
og5	33650	3	1.65	0	2	EH37 24.5 Obs: Confidence
og6	339	2	1.78	1	2	EH37 24.6 Interview end time
og7	41251	2	1.04	1	2	EH37 24.7 Completion status

Variable list: 22626-0001-Data.dta / ihdsind01.dta (individual data)

(Detailed codebook available as separate file: 22626-0002-Codebook.pdf)

Variable	Obs	Unique	Mean	Min	Max	Label
Case and Geographic Identification						
stateid	215753	33	18.02	1	34	State code / i
distid	215753	61	15.08	0	68	District code
psuid	215753	39	5.56	1	39	PSU: village/neighborhood code
hhid	215753	52	9.22	1	52	Household ID
hhsplitid	215753	8	0.42	0	7	Split household ID
personid	215753	38	3.70	1	38	Person ID within household
caseid	215753	215753	.	.	.	HH & Personid: 11 byte string
idhh	215753	41554	182000000	10201010	340006150	HH id 9-digit unique
idpsu	215753	2474	181680.30	10201	340006	PSU id 6-digit unique
stateid2	215753	22	467.20	101	733	State codes, collapsed
distname	215753	373	1816.73	102	3400	District codes with names
dist01	215753	61	15.06	0	68	District ID Census 2001
urban	215753	2	0.34	0	1	Census: 2001 village/town
metro6	19257	6	2.94	1	6	Largest 6 metro areas 1-6
sweight	215753	1526	4623.61	220.0	308216.4	Design Weights
Constructed Variables						
Npersons	215753	33	6.38	1	38	HH4 2.0 N in hh
Nchildren	215753	17	2.20	0	17	HH4 2.5 N 0-14 in hh
Nteens	215753	9	0.92	0	8	HH4 2.5 N 15-21 in hh
Nadults	215753	17	3.27	0	18	HH4 2.5 N 22+ in hh
Nmarriedf	215753	9	1.45	0	8	HH4 2.6 N married women in hh
Nmarriedm	215753	9	1.40	0	8	HH4 2.6 N married men in hh
copc	215753	3841	854.41	0	39273	HH19 12. Monthly consumption ...
groups8	215753	8	3.61	1	8	HH3 1.13-15 Caste/religion 8cats
hc9	215753	2	0.36	0	1	HH1 9 Reinterview household
hhassets	215753	31	12.38	0	30	HH22+EH 30 hh goods & housing
hhed5adult	215507	16	7.82	0	15	HH17 ed5 Highest adult(22+) educ
hhed5f	215453	16	4.78	0	15	HH17 ed5 Highest female 22+ ed
hhed5m	215470	16	7.30	0	15	HH17 ed5 Highest male 22+ ed
wkany	215753	2	0.42	0	1	HH 4-7 Any work
wkfarm	215753	2	0.15	0	1	HH9 4.28 Family farm work
wkanimal	215753	2	0.17	0	1	HH9 5.5 Animal care
wkagwage	215753	2	0.09	0	1	HH11 6.3 Ag wage labour
wknonag	215753	2	0.07	0	1	HH11 6.3 Nonag wage labour
wksalary	215753	2	0.07	0	1	HH11 6.,7 Salaried position
wkbusiness	215753	2	0.05	0	1	HH12 7.7 Family business work

Variable	Obs	Unique	Mean	Min	Max	Label
Nwork	215753	14	2.54	0	13	HH 4-7 Nhh any work
Nfarm	215753	14	0.96	0	13	HH9 4.28 Nhh family farm
Nanimal	215753	10	1.07	0	9	HH9 5.5 Nhh animal care
Nagwage	215753	10	0.50	0	10	HH11 6.3 Nhh ag wage
Nnonag	215753	9	0.39	0	8	HH11 6.3 Nhh nonag wage
Nsalary	215753	7	0.41	0	6	HH11 6.7 Nhh salaried
Nbusiness	215753	8	0.31	0	7	HH12 7.7 Nhh family business
income	215753	21111	60339.70	-107349	6520261	HH5-15 3-8 Total income
incfarm	215753	17098	13580.92	-107349	4817152	HH6-10 4-6 Family farm income
incagwage	215753	1273	3474.57	0	155000	HH11 6.8+ hh ag wages
incnonag	215753	1372	6182.63	0	292000	HH11 6.8+ hh nonag wages
incsalary	215753	2394	21005.70	0	960000	HH11 6.8+ hh salaries
incbus	215753	844	11487.91	0	6190000	HH11-14 7. Net business income
incremit	215753	188	1468.56	0	610000	HH5 3.13 Sum hh remittances
incgovt	215753	395	235.21	0	200000	HH15 8.7-13 govt benefits
incother	215753	564	2904.20	0	500000	HH15 8.1+ property, pensions ...
pcpl	215753	41	419.32	292.95	665.9	Poverty line
poor	215511	2	0.23	0	1	HH19 12. HH below poverty line

Household Roster

ro0	215753	38	3.70	1	38	HH4 2.1 2005 ID
ro1	58734	31	3.31	0	30	HH4 2.1 1993ID
ro3	215753	2	1.49	1	2	HH4 2.3 Sex
ro4	215753	12	3.03	1	12	HH4 2.4 Relationship to head
ro5	215753	108	27.34	0	116	HH4 2.5 Age
ro6	215753	6	1.59	0	5	HH4 2.6 Marital Status
ro7	98564	38	3.32	1	54	HH4 2.7 Spouse's ID
ro8	119515	38	11.80	1	94	HH4 2.8 Father's ID
ro9	119768	36	5.06	1	94	HH4 2.9 Mother's ID

Farm work

fm28	40246	29	2.87	1	36	HH9 4.28 Farm work ID
fm29	40246	206	123.68	1	365	HH9 4.29 Farm work days/year
fm30	40246	12	5.62	1	12	HH9 4.30 Farm work hours/day
fm31	17393	13	1.18	1	15	HH9 4.31 Farm work Primary

Animal work

an5	36654	24	2.73	1	25	HH10 5.5 Animal care: ID
an6	36654	3	2.55	1	3	HH10 5.6 Animal care: Freq
an7	16081	20	1.99	1	25	HH10 5.7 Animal care: Primary

Wage and Salary

ws0N	215753	8	0.24	0	7	HH11 6.1 # of jobs
ws6year	48555	969	1725.65	0	8640	HH11 6.5-6 Work hrs/yr tot
ws8annual	48555	3052	25254.88	0	960000	HH11 6.8 Ann earnings tot
ws8hourly	48552	6163	12.83	0	730	HH11 6.8 hourly wage tot
ws10	3501	176	2394.08	1	20000	HH11 6.10 Bonus all jobs

Variable	Obs	Unique	Mean	Min	Max	Label
ws1	48555	22	2.26	1	25	HH11 6.1 personid
ws2a	48504	10955				HH11 6.2 Job description job1
ws3a	48477	86	66.76	0	99	HH11 6.3 Occupation job1
ws4a	45810	74	37.10	0	99	HH11 6.4 Industry job1
ws5a	48552	277	209.79	1	365	HH11 6.5 Working days job1
ws6a	48553	16	7.97	1	16	HH11 6.6 Work hrs/day job1
ws6yeara	48552	751	1688.92	4	5840	HH11 6.5-6 Work hrs/yr job 1
ws7a	48546	3	1.34	1	3	HH11 6.7 Payment period job1
ws8a	48549	542	1664.07	0	96000	HH11 6.8 Cash /period job1
ws8annuala	48544	2751	24972.72	0	960000	HH11 6.8 Ann earnings job 1
ws8hourlya	48544	4950	12.83	0	730	HH11 6.8 hourly wage job 1
ws9a	48483	4	0.13	0	3	HH11 6.9 Meals/housing job1
ws10a	48425	176	172.61	0	20000	HH11 6.10 Bonus job 1
ws11a	48458	2	1.17	1	2	HH11 6.11 Casual job1
ws12a	48377	5	0.18	0	4	HH11 6.12 Government job1
Nonfarm Business Work						
nf7	11478	22	2.34	1	30	HH12 7.7 Busns1
nf8	11469	171	235.82	2	365	HH12 7.8 Busns1: days/yr
nf9	11469	20	7.03	1	24	HH12 7.9 Busns1: hours/day
nf16	1047	19	3.53	1	19	HH13 7.16 Busns2
nf17	1043	81	202.86	5	365	HH13 7.17 Busns2: days/yr
nf18	1041	16	6.30	1	24	HH13 7.18 Busns2: hours/day
nf25	82	15	4.35	1	17	HH14 7.25 Busns3
nf26	82	34	215.30	30	365	HH14 7.26 Busns3: days/yr
nf27	82	11	7.26	1	12	HH14 7.27 Busns3: hours/day
Other Income						
in7	1520	1	1.00	1	1	HH15 8.7 Old Age Pension
in7r	1520	76	2417.88	30	9000	HH15 8.7 Old Age Pension Rs
in8	772	1	1.00	1	1	HH15 8.8 Widows Pension
in8r	772	59	1779.38	75	12000	HH15 8.8 Widows Pension Rs. yr
in9	116	1	1.00	1	1	HH15 8.9 Maternity Benefit
in9r	116	21	478.75	50	4950	HH15 8.9 Maternity Benefit Rs
in10	165	12	3.02	1	16	HH15 8.10 Disability Pension
in10r	165	34	1827.94	100	6200	HH15 8.10 Disability Pension Rs
in11	457	10	1.60	1	10	HH15 8.11 Annapurna
in11r	457	141	762.64	20	6000	HH15 8.11 Annapurna Rs
in12	251	11	2.05	1	14	HH15 8.12 Other govt income
in12r	251	68	1227.48	20	10000	HH15 8.12 Other govt Rs
in13	36	7	2.56	1	8	HH15 8.13 NGO income
in13r	42	17	1346.55	0	7000	HH15 8.13 NGOs Rs
Education						
ed1	215751	38	3.70	1	38	HH17 10.1 Educ: ID
ed2	214797	2	0.64	0	1	HH17 10.2 Educ: Literacy

Variable	Obs	Unique	Mean	Min	Max	Label
ed3	214362	2	0.67	0	1	HH17 10.3 Educ: Attended school
ed4	143456	2	0.39	0	1	HH17 10.4 Educ: Enrolled now
ed5	214399	16	4.67	0	15	HH17 10.5 Educ: Completed Years
ed6	143016	2	0.16	0	1	HH17 10.6 Educ: Ever repeated
ed7	209981	3	0.21	0	2	HH17 10.7 Educ: English ability
ed8	65838	2	0.02	0	1	HH17 10.8 Educ: NFEP ever
ed9	36655	3	1.97	1	3	HH17 10.9 Educ: 2ndary class
ed10	25701	5	2.03	1	5	HH17 10.10 Educ: Post 2nd subj
ed11	25104	3	0.63	0	2	HH17 10.11 Educ: College/voc
ed12	17909	6	0.93	0	5	HH17 10.12 Educ: Highest degree
ed13	8737	3	1.86	1	3	HH17 10.13 Educ: Degree class
Mass Media						
mm6	8727	20	3.35	1	26	HH18 11.6 Knows computers
Current Students						
cs2	52445	30	4.78	1	37	EH4 2.2 ID Code
cs3	52443	12	3.20	1	12	EH4 2.3 School type
cs4	52361	62	2.46	1	95	EH4 2.4 School distance (Km)
cs5	49445	16	5.11	0	15	EH4 2.5 Standard (yrs)
cs6	49299	4	1.77	1	4	EH4 2.6 Medium of instruction
cs7	48880	14	2.39	0	14	EH4 2.7 Year English taught
cs8	48455	66	30.89	0	96	EH4 2.8 School Hrs/week
cs9	48534	57	8.64	0	98	EH4 2.9 Homework Hrs/week
cs10	47892	40	1.71	0	80	EH4 2.10 Pvt Tuition Hrs/week
cs11	49210	31	2.87	0	30	EH4 2.11 Days/month absent
cs12	49678	4	1.04	0	4	EH4 2.12 Mid-day meal
cs14	51147	2	0.43	0	1	EH4 2.14 Free books
cs15	50674	2	0.12	0	1	EH4 2.15 Free uniform
cs16	50371	2	0.14	0	1	EH4 2.16 School fees by govt
cs17	50340	2	0.12	0	1	EH4 2.17 Scholarship
cs18	51358	1127	981.90	0	91635	EH4 2.18 School fees
cs19	51611	590	1003.35	0	80000	EH4 2.19 Books uniform bus Rs
cs20	43633	266	340.21	0	55000	EH4 2.20 Pvt tuition Rs
Short Term Morbidity						
sm1	25506	29	3.84	1	33	EH12 8.1a STMorb ID
sm2	25481	31	7.08	0	30	EH12 8.2a STMorb Days ill
sm3	25506	2	0.87	0	1	EH12 8.3a Fever
sm4	25506	2	0.69	0	1	EH12 8.4a Cough
sm5	17318	2	0.46	0	1	EH12 8.5a Cough w short breaths
sm6	25506	2	0.20	0	1	EH12 8.6a Diarrhoea
sm7	5048	2	0.20	0	1	EH12 8.7a Diarrhoea with blood
sm8	4968	4	1.76	0	3	EH12 8.8a Liquid intake if Di...
sm9	4991	2	0.39	0	1	EH12 8.9a ORS given if Diarrhoea
sm10	24611	30	4.45	0	30	EH12 8.10a STMorb Days Unable

Variable	Obs	Unique	Mean	Min	Max	Label
sm11	25441	2	0.95	0	1	EH12 8.11a STMorb Treatment
sm13a1	24060	5	2.64	1	5	EH13 8.13a1 STMorb Who 1st treat
sm14a1	24044	4	1.70	1	4	EH13 8.14a1 STMorb Where 1st ...
sm13a2	3118	5	2.61	1	5	EH13 8.13a2 STMorb Who 2nd treat
sm14a2	3098	4	2.04	1	4	EH13 8.14a2 STMorb Where 2nd ...
sm15	22182	24	0.24	0	30	EH13 8.15a STMorb Days hosp
sm16	22413	194	155.42	0	50000	EH13 8.16a STMorb Dr/hosp Rs
sm17	23051	2	0.56	0	1	EH13 8.17a STMorb Meds in cost
sm18	21889	226	163.91	0	20000	EH13 8.18a STMorb Medicine Rs
sm19	20740	104	27.76	0	9000	EH13 8.19a STMorb Travel Rs
Major Morbidity						
mb1	13018	26	2.50	1	28	EH14 9.1 MJmorb ID
mb2	11118	3	0.15	0	2	EH14 9.2 Cataract
mb3	10990	3	0.07	0	2	EH14 9.3 Tuberculosis
mb4	11302	3	0.28	0	2	EH14 9.4 High BP
mb5	10990	3	0.11	0	2	EH14 9.5 Heart disease
mb6	11032	3	0.15	0	2	EH14 9.6 Diabetes
mb7	10827	3	0.01	0	2	EH14 9.7 Leprosy
mb8	10814	3	0.01	0	2	EH14 9.8 Cancer
mb9	10956	3	0.12	0	2	EH14 9.9 Asthma
mb10	10810	3	0.03	0	2	EH14 9.10 Polio
mb11	10831	3	0.03	0	2	EH14 9.11 Paralysis
mb12	10811	3	0.02	0	2	EH14 9.12 Epilepsy
mb13	10841	3	0.03	0	2	EH14 9.13 Mental illness
mb14	10813	3	0.01	0	2	EH14 9.14 STD or AIDS
mb15	11514	3	0.41	0	2	EH14 9.15 Other long term
mb16	12298	139	56.30	0	366	EH14 9.16 MJmorb Days Unable
mb17	12809	2	0.92	0	1	EH14 9.17 MJmorb Treatment
mb19_1	11774	5	2.45	1	5	EH15 9.19a1 MJmorb Who 1st
mb20_1	11765	4	2.28	1	4	EH15 9.20a1 MJmorb Where 1st
mb19_2	2419	5	2.50	1	5	EH15 9.19a2 MJmorb Who 2nd
mb20_2	2410	4	2.68	1	4	EH15 9.20a2 MJmorb Where 2nd
mb21	11096	63	4.21	0	365	EH15 9.21 MJmorb Days hosp
mb22	11203	281	3161.10	0	700000	EH15 9.22 MJmorb Cost Dr/hosp
mb23	11166	2	0.51	0	1	EH15 9.23 MJmorb Meds in cost
mb24	11051	355	2767.76	0	95000	EH15 9.24 MJmorb Cost Medicine
mb25	11091	203	394.08	0	35000	EH15 9.25 MJmorb Cost Travel
Activities of Daily Living						
ad1	4571	22	2.89	1	28	EH16 10.1 ID
ad2	3835	3	0.85	0	2	EH16 10.2 Difficulty Walking 1km
ad3	3530	3	0.64	0	2	EH16 10.3 Difficulty Toilet

Variable	Obs	Unique	Mean	Min	Max	Label
ad4	3456	3	0.59	0	2	EH16 10.4 Difficulty Dressing
ad5	3541	3	0.63	0	2	EH16 10.5 Difficulty Hearing
ad6	3408	3	0.54	0	2	EH16 10.6 Difficulty Speaking
ad7	3838	3	0.92	0	2	EH16 10.7 Difficulty Far sight
ad8	3619	3	0.77	0	2	EH16 10.8 Difficulty Short sight
Tobacco and alcohol						
to1	33116	25	1.88	1	36	EH17 12.1 Tobacco & alcohol: ID
to2	29926	3	1.17	0	2	EH17 12.2 Tobacco: smoke
to3	29738	3	1.21	0	2	EH17 12.3 Tobacco: chew
to4	27521	3	0.48	0	2	EH17 12.4 Alcohol: drink
Anthropometry						
ap1	68638	35	3.97	1	38	EH38 25.1 Anthropometry ID
ap2	68344	169	125.47	1	197	EH38 25.2 Anthropometry Height
ap3	68636	2	1.95	1	2	EH38 25.3 Anthropometry Position
ap4	68604	996	33.25	0.55	652	EH38 25.4 Anthropometry Weigh...
ap5	68602	1010	33.41	0.5	775	EH38 25.5 Anthropometry Weigh...
Testing						
ta2	12913	24	4.94	1	28	EH39 26.2 Test ID
ta3	12905	3	1.09	0	2	EH39 26.3 Test attended school
ta4	12729	8	3.14	0	7	EH39 26.4 Test completed std
ta5	12620	2	0.96	0	1	EH39 26.5 Test enjoy school
ta6	12550	3	1.30	1	3	EH39 26.6 Test teacher not nice
ta7lang	12519	13	4.18	1	13	EH39 26.7 Test reading language
ta7lvi	12430	5	2.62	0	4	EH39 26.7 Test reading score
ta8lang	12449	13	5.80	1	13	EH39 26.8 Test math language
ta8lvi	12381	4	1.58	0	3	EH39 26.8 Test math score
ta9lang	12457	13	4.31	1	13	EH39 26.9 Test writing language
ta9lvi	12323	2	0.69	0	1	EH39 26.9 Test writing score

NATIONAL CLASSIFICATION OF OCCUPATIONS-1968

DIVISION 0-1: PROFESSIONAL, TECHNICAL AND RELATED WORKERS

Group	00	Physical Scientists
	01	Physical Science Technicians
	02	Architects, Engineers, Technologists and Surveyors
	03	Engineering Technicians
	04	Aircraft and Ships Officers
	05	Life Scientists
	06	Life Science Technicians
	07	Physicians and Surgeons (Allopathic Dental and Veterinary Surgeons)
	08	Nursing and other Medical and Health Technicians
	09	Scientific, Medical and Technical Persons, Other
	10	Mathematicians, Statisticians and Related Workers
	11	Economists and Related Workers
	12	Accountants, Auditors and Related Workers
	13	Social Scientists and Related Workers
	14	Jurists
	15	Teachers
	16	Poets, Authors, Journalists and Related Workers
	17	Sculptors, Painters, Photographers and Related Creative Artists
	18	Composers and Performing Artists
	19	Professional Workers, n.e.c.

DIVISION 2: ADMINISTRATIVE, EXECUTIVE AND MANAGERIAL WORKERS

Group	20	Elected and Legislative Officials
	21	Administrative and Executive Officials Government and Local Bodies
	22	Working Proprietors, Directors and Managers, Wholesale and Retail Trade
	23	Directors and Managers, Financial Institutions
	24	Working Proprietors, Directors and Managers Mining, Construction, Manufacturing and Related Concerns
	25	Working Proprietors, Directors, Managers and Related Executives, Transport, Storage and Communication
	26	Working Proprietors, Directors and Managers, Other Service
	29	Administrative, Executive and Managerial Workers, n.e.c.

DIVISION 3: CLERICAL AND RELATED WORKERS

Group	30	Clerical and Other Supervisors
	31	Village Officials
	32	Stenographers, Typists and Card and Tape Punching Operators
	33	Book-keepers, Cashiers and Related Workers
	34	Computing Machine Operators
	35	Clerical and Related Workers, n.e.c.
	36	Transport and Communication Supervisors

- 37 Transport Conductors and Guards
- 38 Mail Distributors and Related Workers
- 39 Telephone and Telegraph Operators

DIVISION 4: SALES WORKERS

- | | |
|-------|---|
| Group | 40 Merchants and Shopkeepers, Wholesale and Retail Trade |
| | 41 Manufacturers, Agents |
| | 42 Technical Salesmen and Commercial Travellers |
| | 43 Salesmen, Shop Assistants and Related Workers |
| | 44 Insurance, Real Estate, Securities and Business Service Salesmen and Auctioneers |
| | 45 Money Lenders and Pawn Brokers |
| | 49 Sales Workers, n.e.c. |

DIVISION 5: SERVICE WORKERS

- | | |
|-------|---|
| Group | 50 Hotel and Restaurant Keepers |
| | 51 House Keepers, Matron and Stewards (Domestic and Institutional) |
| | 52 Cooks, Waiters, Bartenders and Related Worker (Domestic and Institutional) |
| | 53 Maids and Other House Keeping Service Workers n.e.c. |
| | 54 Building Caretakers, Sweepers, Cleaners and Related Workers |
| | 55 Launderers, Dry-cleaners and Pressers |
| | 56 Hair Dressers, Barbers, Beauticians and Related Workers |
| | 57 Protective Service Workers |
| | 59 Service Workers, n.e.c. |

DIVISION 6: FARMERS, FISHERMEN, HUNTERS, LOGGERS AND RELATED WORKERS

- | | |
|-------|--|
| Group | 60 Farm Plantation, Dairy and Other Managers and Supervisors |
| | 61 Cultivators |
| | 62 Farmers other than Cultivators |
| | 63 Agricultural Labourers |
| | 64 Plantation Labourers and Related Workers |
| | 65 Other Farm Workers |
| | 66 Forestry Workers |
| | 67 Hunters and Related Workers |
| | 68 Fishermen and Related Workers |

DIVISION 7-8-9: PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABOURERS

- | | |
|-------|---|
| Group | 71 Miners, Quarrymen, Well Drillers and Related Workers |
| | 72 Metal Processors |
| | 73 Wood Preparation Workers and Paper Makers |
| | 74 Chemical Processors and Related Workers |
| | 75 Spinners, Weavers, Knitters, Dyers and Related Workers |
| | 76 Tanners, Fellmongers and Pelt Dressers |
| | 77 Food and Beverage Processors |
| | 78 Tobacco Preparers and Tobacco Product Makers |

- 79 Tailors, Dress Makers, Sewers, Upholsterers and Related Workers
- 80 Shoe makers and Leather Goods Makers
- 81 Carpenters, Cabinet and Related Wood Workers
- 82 Stone Cutters and Carvers
- 83 Blacksmiths, Tool Makers and Machine Tool Operators
- 84 Machinery Fitters, Machine Assemblers and Precision Instrument Makers (except Electrical)
- 85 Electrical Fitters and Related Electrical and Electronic Workers
- 86 Broadcasting Station and Sound Equipment Operators and Cinema Projectionists
- 87 Plumbers, Welders, Sheet Metal and Structural Metal Preparers and Erectors
- 88 Jewellery and Precious Metal Workers and Metal Engravers (Except Printing)
- 89 Glass Formers, Potters and Related Workers
- 90 Rubber and Plastic Product Makers
- 91 Paper and Paper Board Products Makers
- 92 Printing and Related Workers
- 93 Painters
- 94 Production and Related Workers, n.e.c.
- 95 Bricklayers and Other Constructions Workers
- 96 Stationery Engines and Related Equipment Operators, Oilers and Greasers
- 97 Material Handling and Related Equipment Operators, Loaders and Unloaders
- 98 Transport Equipment Operators
- 99 Labourers, n.e.c.

DIVISION X WORKERS NOT CLASSIFIED BY OCCUPATION

NATIONAL INDUSTRIAL CLASSIFICATION (NIC)-1987

This classification groups the industries into:

10	Sections (0 to 9 and 'X')
73	Divisions

The sections and divisions with their code numbers are listed below:

DIVISIONS

(Two-digit level of classification)

SECTION 0: AGRICULTURE, HUNTING, FORESTRY AND FISHING

00	Agricultural production
01	Plantations
02	Raising of livestock
03	Agricultural services
04	Hunting, trapping and game propagation
05	Forestry and logging
06	Fishing (including collection of sea products)

SECTION 1: MINING AND QUARRYING

10	Mining of coal and lignite, extraction of peat
11	Extraction of crude petroleum, production of Natural gas
12	Mining of iron ore
13	Mining of metal ores other than iron ore
14	Mining of uranium and thorium ores
15	Mining of Non-metallic minerals not else where classified
19	Mining services not elsewhere classified

SECTION 2 AND 3: MANUFACTURING

20-21	Manufacture of food products
22	Manufacture of beverages, tobacco and related products
23	Manufacture of cotton textiles
24	Manufacture of wool, silk and man-made fibre textiles
25	Manufacture of jute and other vegetable fibre textiles (except cotton)
26	Manufacture of textile products (including wearing apparel)
27	Manufacture of wood and wood products, furniture and fixtures
28	Manufacture of paper and paper products and printing, publishing and allied industries
29	Manufacture of leather and products of leather, fur substitutes of leather
30	Manufacture of basic chemical and chemical products (except products of petroleum and coal)
31	Manufacture of rubber, plastic, petroleum and coal products, processing of nuclear fuels

- 32 Manufacture of non-metallic mineral products
- 33 Basic metal and alloys industries
- 34 Manufacture of metal products and parts except machinery and equipment
- 35-36 Manufacture of machinery and equipment other than transport equipment (manufacture of scientific equipment, photographic/cinematographic equipment and watches and clocks is classified in Division 38)
- 37 Manufacture of transport equipment and parts
- 38 Other manufacturing industries
- 39 Repair of capital goods

SECTION 4: ELECTRICITY, GAS AND WATER

- 40 Electricity generation, transmission and distribution
- 41 Gas and steam generation and distribution through pipes
- 42 Water works and supply
- 43 Non-conventional energy generation and distribution

SECTION 5: CONSTRUCTION

- 50 Construction
- 51 Activities allied to construction

SECTION 6: WHOLESALE, RETAIL TRADE AND RESTAURANTS, HOTELS

- 60 Wholesale Trade in agricultural raw materials, live animals food, beverages, intoxicants and textiles
- 61 Wholesale trade in wood, paper, skin, leather and fur, fuel, petroleum, chemicals, perfumery, ceramics, glass and ores and metals
- 62 Wholesale trade in all types of machinery equipment including transport equipment
- 63 Wholesale trade not elsewhere classified
- 64 Commission agents
- 65 Retail trade in food and food articles, beverages, tobacco and intoxicants (Note-Non-specialised retail trade establishments such as departmental stores super bazars and central stores are classified in group 688 along with non-store retail sale establishments engaged in house-to-house other ambulant sales)
- 66 Retail trade in textiles
- 67 Retail trade in fuels and other household utilities and durables
- 68 Retail trade n.e.c.
- 69 Restaurants and hotels

SECTION 7: TRANSPORT, STORAGE AND COMMUNICATION

- 70 Land transport
- 71 Water transport
- 72 Air transport
- 73 Services incidental to transport n.e.c.
- 74 Storage and warehousing services
- 75 Communication services

SECTION 8: FINANCING, INSURANCE, REAL ESTATE & BUSINESS SERVICES

- 80 Banking activities including financial services
- 81 Provident and insurance services
- 82 Real estate activities
- 83 Legal services
- 84 Operation of lotteries
- 85 Renting and leasing (Financial leasing is classified in financial activities) not else where classified
- 89 Business services not elsewhere classified

SECTION 9: COMMUNITY, SOCIAL AND PERSONAL SERVICES

- 90 Public administration and defence services
- 91 Sanitary services
- 92 Education, scientific and research services
- 93 Health and medical services
- 94 Community services
- 95 Recreational and cultural services
- 96 Personal services
- 97 Repair services
- 98 International and other extra territorial bodies
- 99 Services not elsewhere classified

SECTION 10: ACTIVITIES NOT ADEQUATELY DEFINED

District Codes

2001 District Codes

State	District
1 Jammu & Kashmir	2 Baramula
1 Jammu & Kashmir	3 Srinagar
1 Jammu & Kashmir	5 Pulwama
1 Jammu & Kashmir	12 Rajauri
1 Jammu & Kashmir	13 Jammu
2 Himachal Pradesh	1 Chamba
2 Himachal Pradesh	2 Kangra
2 Himachal Pradesh	4 Kullu
2 Himachal Pradesh	5 Mandi
2 Himachal Pradesh	6 Hamirpur
2 Himachal Pradesh	8 Bilaspur
2 Himachal Pradesh	9 Solan
2 Himachal Pradesh	10 Sirmaur
2 Himachal Pradesh	11 Shimla
3 Punjab	1 Gurdaspur
3 Punjab	2 Amritsar
3 Punjab	3 Kapurthala
3 Punjab	4 Jalandhar
3 Punjab	5 Hoshiarpur
3 Punjab	6 Nawanshahr
3 Punjab	7 Rupnagar
3 Punjab	8 Fatehgarh
3 Punjab	9 Ludhiana
3 Punjab	10 Moga
3 Punjab	11 Firozpur
3 Punjab	16 Sangrur
3 Punjab	17 Patiala
4 Uttarakhand	4 Chandigarh
5 Uttarakhand	5 Dehradun
5 Uttarakhand	8 Bageshwar
5 Uttarakhand	9 Almora
5 Uttarakhand	11 Nainital
5 Uttarakhand	12 Udham Singh Nagar
5 Uttarakhand	13 Hardwar
6 Haryana	1 Panchkula
6 Haryana	2 Ambala
6 Haryana	3 Yamunanagar
6 Haryana	4 Kurukshetra
6 Haryana	5 Kaithal
6 Haryana	6 Karnal
6 Haryana	8 Sonapat
6 Haryana	9 Jind

2001 District Codes

State	District
6 Haryana	10 Fatehabad
6 Haryana	12 Hissar
6 Haryana	13 Bhiwani
6 Haryana	17 Rewari
6 Haryana	18 Gurgaon
6 Haryana	19 Faridabad
7 Delhi	0 Delhi
8 Rajasthan	3 Bikaner
8 Rajasthan	4 Churu
8 Rajasthan	5 Jhunjhunu
8 Rajasthan	6 Alwar
8 Rajasthan	7 Bharatpur
8 Rajasthan	8 Dhaulpur
8 Rajasthan	9 Karauli
8 Rajasthan	10 Sawai Madhopur
8 Rajasthan	11 Dausa
8 Rajasthan	12 Jaipur
8 Rajasthan	13 Sikar
8 Rajasthan	14 Nagaur
8 Rajasthan	15 Jodhpur
8 Rajasthan	18 Jalor
8 Rajasthan	20 Pali
8 Rajasthan	21 Ajmer
8 Rajasthan	24 Bhilwara
8 Rajasthan	25 Rajsamand
8 Rajasthan	26 Udaipur
8 Rajasthan	29 Chittaurgarh
8 Rajasthan	30 Kota
8 Rajasthan	31 Baran
8 Rajasthan	32 Jhalawar
9 Uttar Pradesh	1 Saharanpur
9 Uttar Pradesh	2 Muzaffarnagar
9 Uttar Pradesh	3 Bijnor
9 Uttar Pradesh	4 Moradabad
9 Uttar Pradesh	5 Rampur
9 Uttar Pradesh	6 Jyotiva Phule Nagar
9 Uttar Pradesh	7 Meerut
9 Uttar Pradesh	9 Ghaziabad
9 Uttar Pradesh	10 Gautam Buddha Nagar
9 Uttar Pradesh	13 Hathras
9 Uttar Pradesh	14 Mathura
9 Uttar Pradesh	15 Agra
9 Uttar Pradesh	19 Budaun
9 Uttar Pradesh	20 Bareilly

2001 District Codes

	State		District
9	Uttar Pradesh	23	Kheri
9	Uttar Pradesh	24	Sitapur
9	Uttar Pradesh	28	Lucknow
9	Uttar Pradesh	29	Farrukabad
9	Uttar Pradesh	30	Kannauj
9	Uttar Pradesh	33	Kanpur Dehat
9	Uttar Pradesh	34	Kanpur Nagar
9	Uttar Pradesh	36	Jhansi
9	Uttar Pradesh	40	Banda
9	Uttar Pradesh	41	Chitrakoot
9	Uttar Pradesh	43	Fatehpur
9	Uttar Pradesh	44	Kaushambi
9	Uttar Pradesh	45	Allahabad
9	Uttar Pradesh	46	Barabanki
9	Uttar Pradesh	47	Faizabad
9	Uttar Pradesh	48	Ambedkar Nagar
9	Uttar Pradesh	49	Sultanpur
9	Uttar Pradesh	50	Bahraich
9	Uttar Pradesh	51	Sharawasti
9	Uttar Pradesh	54	Siddharathnagar
9	Uttar Pradesh	58	Gorakhpur
9	Uttar Pradesh	59	Kushinagar
9	Uttar Pradesh	60	Deoria
9	Uttar Pradesh	62	Mau
9	Uttar Pradesh	63	Baliya
9	Uttar Pradesh	65	Ghazipur
9	Uttar Pradesh	66	Chandauli
9	Uttar Pradesh	67	Varanasi
9	Uttar Pradesh	68	Sant Ravidas Nagar
10	Bihar	2	Purbi Champaran
10	Bihar	5	Madhubani
10	Bihar	6	Supaul
10	Bihar	9	Purnia
10	Bihar	12	Saharsa
10	Bihar	14	Muzaffar Pur
10	Bihar	16	Siwan
10	Bihar	17	Saran
10	Bihar	22	Bhagal Pur
10	Bihar	23	Banka
10	Bihar	26	Sheikhpura
10	Bihar	27	Nalanda
10	Bihar	28	Patna
10	Bihar	30	Buxar
10	Bihar	31	Kaimur (Bhabua)

2001 District Codes

State	District
10 Bihar	32 Rohtas
10 Bihar	35 Gaya
11 Sikkim	0 Sikkim
12 Arunachal	0 Arunachal
13 Nagaland	0 Nagaland
14 Manipur	0 Manipur
15 Mizoram	0 Mizoram
16 Tripura	0 Tripura
17 Meghalaya	0 Meghalaya
18 Assam	2 Dhubri
18 Assam	3 Goalpara
18 Assam	6 Kamrup
18 Assam	9 Marigaon
18 Assam	14 Tinsukia
18 Assam	17 Jorhat
18 Assam	19 Karbi Amglong
18 Assam	21 Cachar
19 West Bengal	1 Darjiling
19 West Bengal	2 Jalapiguri
19 West Bengal	4 Uttar Dinajpur
19 West Bengal	6 Maldah
19 West Bengal	7 Murshidabad
19 West Bengal	8 Birbhum
19 West Bengal	9 Bardhaman
19 West Bengal	10 Nadia
19 West Bengal	11 North 24 Parganas
19 West Bengal	12 Hugli
19 West Bengal	13 Bankura
19 West Bengal	16 Haora
19 West Bengal	17 Kolkata
19 West Bengal	18 South 24 Parganas
20 Jharkhand	2 Palamu
20 Jharkhand	12 Dhanbad
20 Jharkhand	13 Bokaro
20 Jharkhand	14 Ranchi
20 Jharkhand	17 Pashchimi Singhbhum
20 Jharkhand	18 Purbi Singhbhum
21 Orissa	1 Bargarh
21 Orissa	2 Jharsuguda
21 Orissa	3 Sambalpur
21 Orissa	5 Sundargarh
21 Orissa	6 Kendujhar
21 Orissa	7 Mayurbhanj
21 Orissa	8 Baleshwar

2001 District Codes

	State		District
21	Orissa	9	Bhadrak
21	Orissa	12	Cuttack
21	Orissa	13	Jajapur
21	Orissa	14	Dhenkanal
21	Orissa	15	Anugul
21	Orissa	16	Nayagarh
21	Orissa	17	Khordha
21	Orissa	18	Puri
21	Orissa	19	Ganjam
21	Orissa	20	Gajapati
21	Orissa	21	Kandhamal
21	Orissa	22	Baudh
21	Orissa	23	Sonapur
21	Orissa	24	Balangir
21	Orissa	26	Kalahandi
21	Orissa	27	Rayagada
21	Orissa	28	Nabarangapur
21	Orissa	29	Koraput
21	Orissa	30	Malkangiri
22	Chhattisgarh	1	Koriya
22	Chhattisgarh	2	Sarguja
22	Chhattisgarh	3	Jashpur
22	Chhattisgarh	4	Raigarh
22	Chhattisgarh	5	Korba
22	Chhattisgarh	6	Janjgir
22	Chhattisgarh	7	Bilas Pur
22	Chhattisgarh	8	Kawardha
22	Chhattisgarh	9	Rajnandgaon
22	Chhattisgarh	10	Durg
22	Chhattisgarh	11	Raipur
22	Chhattisgarh	12	Mahasamund
22	Chhattisgarh	13	Dhamtari
22	Chhattisgarh	14	Kanker
22	Chhattisgarh	15	Bastar
23	Madhya Pradesh	1	Sheopur
23	Madhya Pradesh	2	Morena
23	Madhya Pradesh	4	Gwalior
23	Madhya Pradesh	5	Datia
23	Madhya Pradesh	8	Tikamgarh
23	Madhya Pradesh	9	Chhatarpur
23	Madhya Pradesh	10	Panna
23	Madhya Pradesh	12	Damoh
23	Madhya Pradesh	13	Satna
23	Madhya Pradesh	15	Umaria

2001 District Codes

State	District
23 Madhya Pradesh	16 Shahdol
23 Madhya Pradesh	17 Sidhi
23 Madhya Pradesh	20 Ratlam
23 Madhya Pradesh	21 Ujjain
23 Madhya Pradesh	22 Shajapur
23 Madhya Pradesh	23 Dewas
23 Madhya Pradesh	25 Dhar
23 Madhya Pradesh	26 Indore
23 Madhya Pradesh	27 West Nimar
23 Madhya Pradesh	28 Barwani
23 Madhya Pradesh	29 East Nimar
23 Madhya Pradesh	30 Rajgarh
23 Madhya Pradesh	32 Bhopal
23 Madhya Pradesh	35 Betul
23 Madhya Pradesh	36 Harda
23 Madhya Pradesh	37 Hoshangabad
23 Madhya Pradesh	38 Katni
23 Madhya Pradesh	39 Jabalpur
23 Madhya Pradesh	41 Dindori
23 Madhya Pradesh	42 Mandla
23 Madhya Pradesh	44 Seoni
24 Gujarat	1 Kachchh
24 Gujarat	3 Patan
24 Gujarat	4 Mahesana
24 Gujarat	6 Gandhinagar
24 Gujarat	7 Ahmedabad
24 Gujarat	8 Surendranagar
24 Gujarat	9 Rajkot
24 Gujarat	10 Jamnagar
24 Gujarat	12 Junagadh
24 Gujarat	13 Amreli
24 Gujarat	14 Bhavnagar
24 Gujarat	15 Anand
24 Gujarat	16 Kheda
24 Gujarat	19 Vadodara
24 Gujarat	20 Narmada
24 Gujarat	21 Bharuch
24 Gujarat	22 Surat
25 Daman & Diu	0 Daman & Diu
26 Dadra & Nagar Haveli	0 Dadra & Nagar Haveli
27 Maharashtra	1 Nandurbar
27 Maharashtra	2 Dhule
27 Maharashtra	3 Jalgaon
27 Maharashtra	5 Akola

2001 District Codes

State		District	
27	Maharashtra	6	Washim
27	Maharashtra	7	Amarawti
27	Maharashtra	8	Wardha
27	Maharashtra	9	Nagpur
27	Maharashtra	10	Bhandara
27	Maharashtra	11	Gondiya
27	Maharashtra	13	Chandrapur
27	Maharashtra	14	Yavatmal
27	Maharashtra	15	Nanded
27	Maharashtra	16	Hingoli
27	Maharashtra	17	Parbhani
27	Maharashtra	18	Jalna
27	Maharashtra	20	Nasik
27	Maharashtra	21	Thane
27	Maharashtra	23	Mumbai
27	Maharashtra	25	Pune
27	Maharashtra	26	Ahmadnagar
27	Maharashtra	27	Bid
27	Maharashtra	29	Osmanabad
27	Maharashtra	30	Solapur
27	Maharashtra	31	Satara
27	Maharashtra	32	Ratnagiri
27	Maharashtra	34	Kolhapur
28	Andhra Pradesh	1	Adilabad
28	Andhra Pradesh	2	Nizamabad
28	Andhra Pradesh	3	Karimnagar
28	Andhra Pradesh	4	Medak
28	Andhra Pradesh	5	Hyderabad
28	Andhra Pradesh	6	Rangareddi
28	Andhra Pradesh	7	Mahbubnagar
28	Andhra Pradesh	10	Khammam
28	Andhra Pradesh	13	Visakhapatnam
28	Andhra Pradesh	14	East Godavari
28	Andhra Pradesh	15	West Godavari
28	Andhra Pradesh	16	Krishna
28	Andhra Pradesh	17	Guntur
28	Andhra Pradesh	18	Prakasam
28	Andhra Pradesh	19	Nellore
28	Andhra Pradesh	20	Cuddapah
28	Andhra Pradesh	21	Kurnool
28	Andhra Pradesh	22	Anantapur
28	Andhra Pradesh	23	Chittoor
29	Karnataka	1	Belgaum
29	Karnataka	2	Bagalkot

2001 District Codes

State	District
29 Karnataka	3 Bijapur
29 Karnataka	5 Bidar
29 Karnataka	6 Raichur
29 Karnataka	7 Koppal
29 Karnataka	8 Gadag
29 Karnataka	9 Dharwad
29 Karnataka	10 Uttara Kannada
29 Karnataka	11 Haveri
29 Karnataka	12 Bellary
29 Karnataka	13 Chitradurga
29 Karnataka	14 Davanagere
29 Karnataka	15 Shimoga
29 Karnataka	16 Udupi
29 Karnataka	17 Chikmagalur
29 Karnataka	18 Tumkur
29 Karnataka	19 Kolar
29 Karnataka	20 Bangalore
29 Karnataka	21 Bangalore Rural
29 Karnataka	22 Mandya
29 Karnataka	24 Dakshina Kannada
29 Karnataka	25 Kodagu
29 Karnataka	26 Mysore
29 Karnataka	27 Chamarajanagar
30 Goa	0 Goa
32 Kerala	2 Kannur
32 Kerala	4 Kozhikode
32 Kerala	5 Malappuram
32 Kerala	6 Palakkad
32 Kerala	7 Thrissur
32 Kerala	8 Ernakulam
32 Kerala	9 Idukki
32 Kerala	10 Kottayam
32 Kerala	11 Alappuzha
32 Kerala	12 Pathanamthitta
32 Kerala	13 Kollam
32 Kerala	14 Thiruvananthapuram
33 Tamil Nadu	1 Thiruvallur
33 Tamil Nadu	2 Chennai
33 Tamil Nadu	3 Kancheepuram
33 Tamil Nadu	4 Vellore
33 Tamil Nadu	5 Dharmapuri
33 Tamil Nadu	6 Tiruvannamalai
33 Tamil Nadu	9 Namakkal
33 Tamil Nadu	10 Erode

2001 District Codes

State		District	
33	Tamil Nadu	12	Coimbatore
33	Tamil Nadu	13	Dindigul
33	Tamil Nadu	14	Karur
33	Tamil Nadu	15	Tiruchchirappalli
33	Tamil Nadu	16	Perambalur
33	Tamil Nadu	17	Ariyalur
33	Tamil Nadu	23	Sivaganga
33	Tamil Nadu	24	Madurai
33	Tamil Nadu	25	Theni
33	Tamil Nadu	27	Ramanathapuram
33	Tamil Nadu	28	Thoothukkudi
33	Tamil Nadu	29	Tirunelveli
33	Tamil Nadu	30	Kanniyakumari
34	Pondicherry	0	Pondicherry

(N.B. These codes apply to the variable, dist00. The variable, distid, is in most cases the same but has some discrepancies)

Publications and Papers

An overall report summarizing the main results of wave 1, *Human Development in India: Challenges for a Society in Transition*, was published by Oxford University Press in 2010. The entire report as well as individual chapters can be downloaded from the IHDS website: <http://ihds.umd.edu/report.html>

A more complete listing of papers from the survey can be found at: <http://ihds.umd.edu/publications.html>

ICPSR also maintains a listing of publications at: <http://www.icpsr.umich.edu/icpsrweb/DSDR/studies/22626#pubs>

Selected publications by project staff include;

- Desai, Sonalde and Lijuan Wu. 2010. "Structured Inequalities: Spatial Disparities in maternity Care in India," *Margin: A Journal of Applied Economics*, 4(3): 293-320.
- Desai, Sonalde and Lester Andrist. 2010. "Gender Scripts and Age at Marriage in India," *Demography*. 47(3):667-687.
- Desai, Sonalde, Cecily Adams and Amaresh Dubey. 2009. "Segmented Schooling: Inequalities in Primary Education. In Sukhdeo Thorat and Katherine Newman (Eds.) *Blocked by Caste: Discrimination and Social Exclusion in Modern India*. New Delhi: Oxford University Press.
- Desai, Sonalde and Amaresh Dubey. 2011. "Caste in 21st Century India: Competing Narratives." *Economic and Political Weekly*, 46(11): 40-49.
- Desai, Sonalde, Amaresh Dubey, Reeve Vanneman and Rukmini Banerji. 2009. "Private Schooling in India: A New Landscape," *India Policy Forum Vol. 5*. Pp. 1-58, Bery, Suman, Barry Bosworth and Arvind Panagariya (Editors). New Delhi: Sage.
- Desai, Sonalde and Manjistha Banerji. 2008. "Negotiated Identities: Male Migration and Left Behind Wives in India." *Journal of Population Research*, 25(3):337-355.
- Vanneman, Reeve and Amaresh Dubey. 2013. "Horizontal and Vertical Inequalities in India." In Janet Gornick and Markus Jantti (eds.), *Income Inequality: Economic Disparities and the Middle Class in Affluent Countries*, Stanford CA: Stanford University Press.
- Vikram, Kriti, Reeve Vanneman, and Sonalde Desai. 2012. "Linkages between Maternal Education and Childhood Immunization in India." *Social Science & Medicine* 75(July): 331-339.