

## **Neighborhood History Data (Neighborhood Level)**

The neighborhood history calendar data records the history of neighborhood access to electricity, schools, health services, bus services, grain mills, agricultural cooperatives, dairies, markets, banks, employment opportunities, small farmers' development programs, women's groups, youth groups, temples, and police stations in each neighborhood. During 1995 and 1996, neighborhood histories were collected from 171 CVFS sample neighborhoods for the prior fifty years (see Barber et al. 1997 for sampling details). Access to services is measured in distance in minutes to walk on foot to the nearest services. The precise timing of these events was established by reconciling the reports of several respondents with government and other independent records of events. Direct observation served as additional confirmation that the event in question had occurred (see Axinn, Barber and Ghimire 1997 for data collection details). Global positioning system equipment was also used to measure the latitude and longitude of each neighborhood.

## Neighborhood History Data (Neighborhood Level)

Data Set Name: nbhist.ssd01

Unit of observation: neighborhood

Number of observations: 171

Number of variables: 1,175

Unique identifier: neighid

Response rate: 100%

Data Format: sas for unix

Sample: \*

Record length: 4,707

File structure: rectangular

Data collection: 1995 to 1996

Date: 09/19/2006

Related publications:

\*Barber, Jennifer S., Ganesh P. Shivakoti, William G. Axinn, and Kishor Gajurel. 1997. "Sampling Strategies for Rural Settings: A Detailed Example from Chitwan Valley Family Study, Nepal." Nepal Population Journal 6(5):193-203.

Axinn, William G., Jennifer S. Barber, and Dirgha J. Ghimire. 1997. "The Neighborhood History Calendar: A Data Collection Method Designed for Dynamic Multilevel Modeling." Sociological Methodology 27:355-92.

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		<b>SAMPLE CHARACTERISTICS</b>	
<b>NEIGHID</b>	Neighborhood id		
<b>neighborhood id</b>	[001-171]	ID number	171
<b>NX</b>	Universal transverse mercator X coordinate		
<b>Neighborhood coordinate X</b>	[220522.17188-247096.90625]	Coordinate	171
<b>NY</b>	Universal transverse mercator Y coordinate		
<b>Neighborhood coordinate Y</b>	[3050922.19811-3066008]	Coordinate	171
<b>STRATA</b>	Sample strata of neighborhood		
	1	Strata 1	46
	2	Strata 2	66
	3	Strata 3	59
<b>SYSSAMP</b>	Neighborhood part of systematic sample		
<b>systematic sample</b>	1	Yes	120
	0	No	51
<b>ETHOSAMP</b>	Neighborhood part of ethnic over-sample		
<b>ethnic over sample</b>	1	Yes	12
	0	No	159
<b>ST2OSAMP</b>	Neighborhood part of strata 2 over-sample		
<b>strata 2 over sample</b>	1	Yes	20
	0	No	151
<b>ST3OSAMP</b>	Neighborhood part of strata 3 over-sample		
<b>strata 3 over sample</b>	1	Yes	19
	0	No	152
		<b>MEASURES OF DISTANCE TO NEAREST CITY</b>	
<b>DISTNARA</b>	Distance in miles to Narayangat (computed using GPS)		
<b>distance Narayangat</b>	[.02-17.70]	Miles	171
		<b>ELECTRICITY</b>	
<b>ELEC10 - ELEC52</b>	Electricity available (time varying, Nepalese year 2010 - 2052)		
<b>electricity</b>	1	Electricity available	
	0	No electricity available	
		<b>SCHOOLS</b>	

## Neighborhood History Data (Neighborhood Level)

<b>SCHLFT10 - SCHLFT52</b>	Minutes on foot to nearest school (time varying, Nepalese year 2010 - 2052)	
<b>schl min/walk</b>	[0-1260]	Minutes
<b>SCHLID10 - SCHLID52</b>	Id number of nearest school (time varying, Nepalese year 2010 - 2052)	
<b>school id</b>	[1-147] 222	Chitwan school id # Bundiphur High School
<b>HEALTH CARE FACILITIES</b>		
<b>HLTHFT10 - HLTHFT52</b>	Minutes on foot to nearest health care facility (time varying, Nepalese year 2010 - 2052)	
<b>hlth min/walk</b>	[0-1320]	Minutes
<b>HLTHID10 - HLTHID52</b>	ID number of nearest health care facility (time varying, Nepalese year 2010 - 2052)	
<b>healthpost id</b>	[001-115] 222	Chitwan health post id # Bundiphur health post
<b>BUS SERVICE</b>		
<b>BUSFT10 - BUSFT52</b>	Minutes on foot to nearest bus service (time varying, Nepalese year 2010 - 2052)	
<b>bus min/walk</b>	[0-2010]	Minutes
<b>BUSID10 - BUSID52</b>	Route number of nearest bus service (time varying, Nepalese year 2010 - 2052)	
<b>bus rte id</b>	[0-20] 100	Chitwan bus route # Hetauda bus route
<b>BSIIDN10 - BSIIDN52</b>	Distance by bus to Narayangat (time varying, Nepalese year 2010 - 2052)	
<b>bus dist Narayangat</b>	[0-195] .	Minutes No data
<b>BSIIFT10 - BSIIFT52</b>	Minutes on foot to bus to Narayangat (time varying, Nepalese year 2010 - 2052)	
<b>bus min/walk</b>	[0-540] .	Minutes No data
<b>BSIIRS10 - BSIIRS52</b>	Year that regular bus service to Narayangat became available (time varying, Nepalese year 2010 - 2052)	
<b>bus yr reg service</b>	[13-53] .	Nepalese year No data

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<b>AGRICULTURAL SERVICES</b>																			
<b>MILLFT10 - MILLFT52</b>	Minutes on foot to nearest mill (time varying, Nepalese year 2010 - 2052)																		
<b>mill min/walk</b>	[0-2010]      Minutes																		
<b>COOPFT10 - COOPFT52</b>	Minutes on foot to nearest co-operative (time varying, Nepalese year 2010 - 2052)																		
<b>co-op min/walk</b>	[0-2010]      Minutes																		
<b>DARYFT10 - DARYFT52</b>	Minutes on foot to nearest dairy (time varying, Nepalese year 2010 - 2052)																		
<b>dairy min/walk</b>	[0-2700]      Minutes																		
<b>MARKETS</b>																			
<b>MARFT10 - MARFT52</b>	Minutes on foot to nearest market (time varying, Nepalese year 2010 - 2052)																		
<b>market min/walk</b>	[ 0-540]      Minutes																		
<b>BANKS</b>																			
<b>BNKFT10 - BNKFT52</b>	Minutes on foot to nearest bank (time varying, Nepalese year 2010 - 2052)																		
<b>bank min/walk</b>	[0-2700]      Minutes																		
<b>BNKID10 - BNKID52</b>	ID number for nearest bank (time varying, Nepalese year 2010 - 2052)																		
<b>bank id</b>	<table style="margin-left: auto; margin-right: auto;"> <tr><td>1</td><td>Nepal Bank Limited Narayanghat</td></tr> <tr><td>2</td><td>Agriculture Development Bank, Pulchowk</td></tr> <tr><td>3</td><td>Rastriya Banijya Bank Narayanghat</td></tr> <tr><td>4</td><td>Rastriya Banijya Bank Bharatpur</td></tr> <tr><td>5</td><td>Nepal Bank Limited Gitanagar</td></tr> <tr><td>6</td><td>Nepal Bank Limited Rampur</td></tr> <tr><td>7</td><td>Agriculture Development Bank, Chanauli</td></tr> <tr><td>8</td><td>Rastriya Banijya Bank Parshadhap</td></tr> <tr><td>100</td><td>Nepal Bank Limited Kathmandu</td></tr> </table>	1	Nepal Bank Limited Narayanghat	2	Agriculture Development Bank, Pulchowk	3	Rastriya Banijya Bank Narayanghat	4	Rastriya Banijya Bank Bharatpur	5	Nepal Bank Limited Gitanagar	6	Nepal Bank Limited Rampur	7	Agriculture Development Bank, Chanauli	8	Rastriya Banijya Bank Parshadhap	100	Nepal Bank Limited Kathmandu
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<b>EMPLOYMENT OPPORTUNITIES</b>																			
<b>EMPFT10 - EMPFT52</b>	Minutes on foot to nearest place of employment (time varying, Nepalese year 2010 - 2052)																		
<b>emplymnt min/walk</b>	[0-420]      Minutes																		
<b>EMII10 - EMII52</b>	Number of employees at nearest place of employment (time varying, Nepalese year 2010 - 2052)																		
<b># employees</b>	<table style="margin-left: auto; margin-right: auto;"> <tr><td>1</td><td>0-9 employees</td></tr> <tr><td>2</td><td>10-49 employees</td></tr> <tr><td>3</td><td>50-99 employees</td></tr> <tr><td>4</td><td>100-199 employees</td></tr> </table>	1	0-9 employees	2	10-49 employees	3	50-99 employees	4	100-199 employees										
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4	100-199 employees																		

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	5	200-499 employees
	6	500 or more
<b>NEIGHBORHOOD GROUPS</b>		
<b>SFMRG10 - SFMRG52</b>	Number of small farmers' groups in the neighborhood (time varying, Nepalese year 2010 - 2052)	
<b># sm farmers grps</b>	[1-5]	# groups
	.	No data
	.D	Do not know
<b>GRPWMN10 - GRPWMN52</b>	Number of womens' groups in the neighborhood (time varying, Nepalese year 2010 - 2052)	
<b># womens grps</b>	[1-3]	# groups
	0	No groups
<b>GRPWTP10 - GRPWTP52</b>	Type of womens' groups in the neighborhood (time varying, Nepalese year 2010 - 2052)	
<b>womens grp type</b>	1	Health Mothers' Group
	2	Community/Cultural Mothers' Group
	3	Development Group
	4	Political Group
	13	Health + Development
	24	Political + Community
	.	No data
<b>GRPUSR10 - GRPUSR52</b>	Number of users' groups in the neighborhood (time varying, Nepalese year 2010 - 2052)	
<b># user grps</b>	[1-5]	# groups
	.	No data
<b>GRPOTR10 - GRPOTR52</b>	Number of other groups in the neighborhood (time varying, Nepalese year 2010 - 2052)	
<b># other grps</b>	[1-10]	# groups
	.	No data
<b>RELIGIOUS CENTERS</b>		
<b>TEMPFT10 - TEMPFT52</b>	Minutes on foot to nearest temple (time varying, Nepalese year 2010 - 2052)	
<b>temple min/walk</b>	[0-540]	Minutes
<b>TEMPTP10 - TEMPTP52</b>	Type of temple (time varying, Nepalese year 2010 - 2052)	
<b>temple type</b>	1	Hindu Temple
	2	Gumba (Buddhist Monastery)
	3	Mosque

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		4	Church	
<b>TEMPNR10 - TEMPNR52</b>	Number of temples within 10 minutes (time varying, Nepalese year 2010 - 2052)			
<b># temples &lt;10min</b>	[0-5]		Temples	
<b>TEMPYR</b>	Year that nearest temple was built			
<b>yr temple built</b>	[1979-2053]		Nepalese year	171
<b>POLICE STATIONS</b>				
<b>POLFT10 - POLFT52</b>	Minutes on foot to nearest police station (time varying, Nepalese year 2010 - 2052)			
<b>police min/walk</b>	[2-1440]		Minutes	
<b>POLYR</b>	Year that police station was built			
<b>yr police built</b>	[2017-2036]		Nepalese year	171
<b>MOVIE THEATERS</b>				
<b>FILMFT</b>	Minutes on foot to nearest movie theater in 2053			
<b>movie min/walk</b>	[2-360]		Minutes	171
<b>FILMBK</b>	Minutes by bicycle to nearest movie theater in 2053			
<b>movie min/bike</b>	[1-150]		Minutes	171
<b>FILMLOC</b>	Location of nearest movie theater			
<b>movie location</b>	1		Narayangat	43
	2		Sharadranagar	124
	3		Other Movie halls	4