

Time 2 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). To provide continuous measures of neighborhood characteristics, the neighborhood histories were updated in 2006. This data collection was performed using exactly the same methods and procedures as the previous neighborhood history data collection, with some additional attention to achieving continuity between the end of the previous calendar (July-December 1995) and the beginning of this new calendar. The procedure is designed to produce a continuous record of neighborhood contextual changes through 2006. It also measures a small number of new organizations that have come to the setting since 1995. These new measures include access to agrovet services, movie theaters, video shops, cable, telephone services, internet and e-mail, postal and exdel services, computer training, language training, saw mills, poultry farms, concrete block factories, bike maintenance services, motor bike and motor maintenance services, and proximity of tourist hotels. Also, measures of access to temples were expanded to measure community access specifically to temples, monasteries, mosques, and churches. Global positioning system equipment was also used to measure the latitude and longitude of each neighborhood.

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Data Set Name: t2nbhlvl

Unit of observation: neighborhood

Number of observations: 171

Number of variables: 521

Unique identifier: neighid

Response rate: 100%

Data Format: sas for windows

Sample: *

Observation length: 1,592

File structure: rectangular

Data collection: November 2003 to March 2005 (suspended for six months during conflict)

Date: 3/26/2009

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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SAMPLE CHARACTERISTICS			
NEIGHID	Neighborhood id		
neighborhood id	[001-171]	ID number	171
NX	Universal transverse mercator X coordinate		
neighborhood coordinate X	[220522.17188-247096.90625]	Coordinate	171
NY	Universal transverse mercator Y coordinate		
neighborhood coordinate Y	[3050922.19811-3066008]	Coordinate	171
STRATA	Sample strata of neighborhood		
sample strata of neighborhood	1	Strata 1	46
	2	Strata 2	66
	3	Strata 3	59
MEASURES OF DISTANCE TO NEAREST CITY			
DISTNARA	Distance in miles to Narayanghat (computed using GPS)		
distance Narayanghat	[.02-17.70]	Miles	171
ELECTRICITY			
ELEC53 - ELEC60	Electricity available (time varying, Nepalese year 2053-2060)		
electricity (y/n)	1	Electricity available	
	0	No electricity available	
SCHOOLS			
SCHLFT53 – SCHLFT60	Minutes on foot to nearest school (time varying, Nepalese year 2053-2060)		
school min/walk	[0-59]	Minutes	
SCHLID53 – SCHLID60	Id number of nearest school (time varying, Nepalese year 2053-2060)		
school id	[002–160]	School id #	
HEALTH CARE FACILITIES			
HLTHFT53 – HLTHFT60	Minutes on foot to nearest health care facility (time varying, Nepalese year 2053-2060)		
health service min/walk	[0-60]	Minutes	
HLTHID53 –	ID number of nearest health care facility		

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HLTHID60	(time varying, Nepalese year 2053-2060)	
health service id	[002-252]	Health service id #
BUS SERVICE		
BUSFT53 – BUSFT60	Minutes on foot to nearest bus service (time varying, Nepalese year 2053-2060)	
bus min/walk	[0-45]	Minutes
BUSID53 – BUSID60	ID number of nearest bus service (time varying, Nepalese year 2010-2052)	
bus service id	[000-089]	Bus service id #
BUSNAR53 – BUSNAR60	Distance by bus to Narayanghat (time varying, Nepalese year 2053-2060)	
bus to Narayanghat	[0-180]	Minutes
BUSFEE53 – BUSFEE54	Bus Fare to Narayanghat (time varying, Nepalese year 2053-2060)	
bus fare	[0-27]	Rupees
AGRICULTURAL SERVICES		
MILLFT53 – MILLFT60	Minutes on foot to nearest mill (time varying, Nepalese year 2053-2060)	
mill min/walk	[0-60]	Minutes
MILLID53 – MILLID60	ID number of nearest mill (time varying, Nepalese year 2053-2060)	
mill id	[001-245]	Mill id #
COOPFT53 – COOPFT60	Minutes on foot to nearest co-operative (time varying, Nepalese year 2053-2060)	
co-op min/walk	[0-95]	Minutes
COOPID53 – COOPID60	ID number of nearest co-operative (time varying, Nepalese year 2053-2060)	
co-op id	[001-028]	Co-op id #
AGROFT53 – AGROFT60	Minutes on foot to nearest agrovot (time varying, Nepalese year 2053 – 2060)	
agrovot min/walk	[0-95]	Minutes
AGROID53 – AGROID60	ID number of nearest agrovot (time varying, Nepalese year 2053-2060)	

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agrov et id	[001-046]	Agrov et id #
DARYFT53 – DARYFT60	Minutes on foot to nearest dairy (time varying, Nepalese year 2053 - 2060)	
dairy min/walk	[0-60]	Minutes
DARYID53 – DARYID60	ID number of nearest dairy (time varying, Nepalese year 2053-2060)	
dairy id	[005-106]	Dairy id #
MARKETS		
MARFT53 – MARFT60	Minutes on foot to nearest market (time varying, Nepalese year 2053-2060)	
market min/walk	[0-35]	Minutes
MARID53 – MARID60	ID number of nearest market (time varying, Nepalese year 2053-2060)	
market id	[001-096]	Market id #
BANKS		
BNKFT53 – BNKFT60	Minutes on foot to nearest bank (time varying, Nepalese year 2053-2060)	
bank min/walk	[0-240]	Minutes
BNKID53 – BNKID60	ID number for nearest bank (time varying, Nepalese year 2053-2060)	
bank id	[001-027]	Bank id #
EMPLOYMENT OPPORTUNITIES		
EMPFT53 – EMPFT60	Minutes on foot to nearest place of employment (time varying, Nepalese year 2053-2060)	
employment min/walk	[0-60]	Minutes
EMPID53 – EMPID60	ID number of nearest employment (time varying, Nepalese year 2053-2060)	
employment id	[004-123]	Employment id #
NEIGHBORHOOD GROUPS		
SFMRG53 – SFMRG60	Number of small farmers' groups in the neighborhood (time varying, Nepalese year 2053-2060)	
# sm farmers grps	[1-4] 0	# groups No groups

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GRPWMN53 – GRPWMN60 # womens grps	Number of women’s groups in the neighborhood (time varying, Nepalese year 2053-2060) [1-6] # groups 0 No groups
GRPUSR53 – GRPUSR60 # user grps	Number of users’ groups in the neighborhood (time varying, Nepalese year 2053-2060) [1-4] # groups 0 No groups
GRPOTR53 - GRPOTR60 # other grps	Number of other groups in the neighborhood (time varying, Nepalese year 2053-2060) [1-8] # groups 0 No groups
RELIGIOUS CENTERS	
TEMPFT53- TEMPFT60 temple min/walk	Minutes on foot to nearest temple (time varying, Nepalese year 2053-2060) [0-30] Minutes
TEMPID53- TEMPID60 temple id	ID number of nearest temple (time varying, Nepalese year 2053-2060) [001-246] Temple id #
MNSTFT53 – MNSTFT60 monastery min/walk	Minutes on foot to nearest monastery (time varying, Nepalese year 2053-2060) [1-100] Minutes
MNSTID53- MNSTID60 monastery id	ID number of nearest monastery (time varying, Nepalese year 2053-2060) [004-237] Monastery id #
MOSQFT53 – MOSQFT60 mosque min/walk	Minutes on foot to nearest mosque (time varying, Nepalese year 2053-2060) [2-420] Minutes
MOSQID53- MOSQID60 mosque id	ID number of nearest mosque (time varying, Nepalese year 2053-2060) [007-052] Mosque id #
CHURFT53 – CHURFT60 church min/walk	Minutes on foot to nearest church (time varying, Nepalese year 2053-2060) [0-180] Minutes

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CHURID53- CHURID60	ID number of nearest church (time varying, Nepalese year 2053-2060)	
church id	[217-235]	Church id #
TEMPNR53 – TEMPNR60	Number of temples within 10 minutes (time varying, Nepalese year 2053-2060)	
# temples <10min	[0-7]	Temples
POLICE STATIONS		
POLFT53 – POLFT60	Minutes on foot to nearest police station (time varying, Nepalese year 2053-2060)	
police min/walk	[2-150]	Minutes
POLID53 – POLID60	ID number of nearest police station (time varying, Nepalese year 2053-2060)	
police station id	[001-012]	Police station id #
TOURIST HOTELS		
HOTLFT53 – HOTLFT60	Minutes on foot to the nearest tourist hotel (time varying, Nepalese year 2053-2060)	
tourist hotel min/walk	[0-240]	Minutes
HOTID53 – HOTID60	ID number of nearest tourist hotel (time varying, Nepalese year 2053-2060)	
tourist hotel id	[001-013]	Tourist hotel id #
MOVIE THEATERS		
FILMID53 – FILMID60	ID number of nearest movie hall (time varying, Nepalese year 2053-2060)	
movie hall id	[001-008]	Movie hall id #
FILMFT53 – FILMFT60	Minutes on foot to nearest movie theater (time varying, Nepalese year 2053-2060)	
movie hall min/walk	[2-240]	Minutes
VIDEO SHOPS		
VIDID53 – VIDID60	ID number of nearest video shop (time varying, Nepalese year 2053-2060)	
video shop id	[002-055]	Video shop id #
VIDFT53 – VIDFT60	Minutes on foot to the nearest video shop (time varying, Nepalese year 2053-2060)	
video shop min/walk	[0-160]	Minutes

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CABLE	
CABLE53 – CABLE60	Cable Available (time varying, Nepalese year 2053-2060)
cable line (y/n)	1 Cable Available 0 No Cable Available
TELEPHONE	
TELE53 – TELE60	Telephone Service Available (time varying, Nepalese year 2053-2060)
telephone (y/n)	1 Telephone Available 0 No Telephone Available
TELEFT53 – TELEFT60	Minutes on foot to nearest telephone service (time varying, Nepalese year 2053-2060)
telephone min/walk	[0-85] Minutes
INTERNET	
INETFT53 – INETFT60	Minutes on foot to nearest internet/e-mail service (time varying, Nepalese year 2053-2060)
internet/email min/walk	[0-420] Minutes
INETID53 – INETID60	ID number of nearest internet/email service (time varying, Nepalese year 2053-2060)
internet/email id	[001-008] Internet/email id #
POST OFFICE AND EXDEL	
POSTFT53 – POSTFT60	Minutes on foot to nearest post office/exdel (time varying, Nepalese year 2053-2060)
post office/exdel min/walk	[0-95] Minutes
POSTID53 – POSTID60	ID number of nearest post office/exdel (time varying, Nepalese year 2053-2060)
post office/exdel id	[001-019] Post office/exdel id #
COMPUTER TRAINING	
COMPFT53- COMPFT60	Minutes on foot to nearest computer training (time varying, Nepalese year 2053-2060)
computer training min/walk	[0-240] Minutes
COMPID53 – COMPID60	ID number of nearest computer training (time varying, Nepalese year 2053-2060)

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computer training id	[001-025]	Computer training id #
LANGUAGE TRAINING		
LANGFT53 – LANGFT60	Minutes on foot to nearest language training (time varying, Nepalese year 2053-2060)	
language training min/walk	[1-420]	Minutes
LANGID53 – LANGID60	ID number of nearest language training (time varying, Nepalese year 2053-2060)	
language training id	[001-007]	Language training id #
INDUSTRIAL SERVICES		
SAWMFT53 – SAWMFT60	Minutes on foot to nearest saw mill or furniture factory (time varying, Nepalese year 2053-2060)	
saw mill/furniture min/walk	[0-135]	Minutes
SAWMID53 – SAWMID60	ID number of nearest saw mill or furniture factory (time varying, Nepalese year 2053-2060)	
saw mill/furniture factory id	[001-046]	Saw mill/furniture factory id
PLTRFT53 – PLTRFT60	Minutes on foot to nearest poultry farm (time varying, Nepalese year 2053-2060)	
poultry farm min/walk	[0-60]	Minutes
PLTRID53 – PLTRID60	Id number of nearest poultry farm (time varying, Nepalese year 2053-2060)	
poultry farm id	[001-131]	Poultry farm id #
CNRTFT53 – CNRTFT60	Minutes on foot to nearest concrete block factory (time varying, Nepalese year 2053-2060)	
concrete block factory min/walk	[0-160]	Minutes
CNRTID53 – CNRTID60	ID number of nearest concrete block factory (time varying, Nepalese year 2053-2060)	
concrete block factory id	[001-072]	Concrete block factory id
BKMNFT53 – BKMNFT60	Minutes on foot to nearest bike maintenance (time varying, Nepalese year 2053-2060)	
bike maintenance	[0-60]	Minutes

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min/walk	
BKMNID53 – BKMNID60	ID number of nearest bike maintenance (time varying, Nepalese year 2053-2060)
bike maintenance id	[001-075] Bike maintenance id #
MTMNFT53 – MTMNFT60	Minutes on foot to nearest motorbike and motor maintenance (time varying, Nepalese year 2053-2060)
motorbike/motor maintenance min/walk	[0-90] Minutes
MTMNID53 – MTMNID60	ID number of nearest motorbike and motor maintenance (time varying, Nepalese year 2053-2060)
motorbike/motor maintenance id	[001-036] Motorbike/ motor maintenance id #