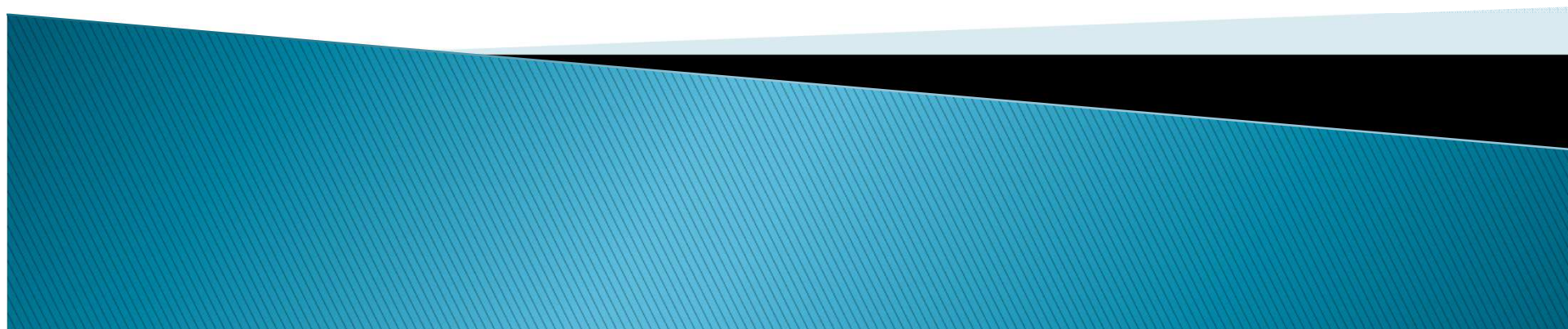


# Country Paper on International Migration Data

**Improving the collections, analysis, dissemination and  
use of population and housing censuses data to measure  
emigration**

Indra Bahadur Karki,  
CBS , Nepal





# Statistical System of Nepal

- The present statistical system of Nepal is decentralized.
- Censuses and large-scale surveys are conducted by the Central Bureau of Statistics (CBS) while the current statistics and administrative data are generally collected by respective ministries, departments and agencies.
- The Central Bureau of Statistics (CBS) is the major statistical agency under the National Planning Commission of Government of Nepal.



# Data sources and methods

- ▶ National Population and Housing Census
- ▶ Nepal Labour Force Survey
- ▶ Nepal Living Standard Survey
- ▶ Administrative Records
- ▶ The census is a major source of migration data.
- ▶ Central Bureau of Statistics is responsible for conducting population censuses.



# Data Source : Other Survey

- ▶ Nepal Labour Force Survey 2007/08
- ▶ Nepal Living Standards Survey 2010/11
- ▶ These surveys rely on a large sample frame and include information on both internal migration and migration out of the country.
- ▶ Additionally, they gather information on the socio-economic status of migrants.




# Data Source : Administrative Records

- ▶ The Department of Foreign Employment (DoFE) is also one of the source on Labour migration data.
- ▶ Ministry of Labour regularly updates the number of people going abroad by taking individual and institutional permission, as well as by sex and destination countries.



# Basic Concepts used in the Census

- ❑ A person was counted at his/her usual place of residence.
  - ❑ Usual place of residence is defined as a place where a person had been living or intends to live for at least six months.
  - ❑ A person absent from usual place for a short period for the purpose of treatment or pilgrimage or similar causes is treated as present in the usual place.
  - ❑ Persons away or absent from birth place or usual place for employment or study or business purpose is considered absent population.
- 

# QUESTIONNAIRE DESIGN

- ▶ migration data from the 2011 census is obtained from both complete enumeration (Form 1) and sample enumeration (Form 2).
- ▶ Place of birth was enumerated under the sample schedule by native born and foreign born. Similarly,
- ▶ Duration of residence in place and its reasons were also included under the sample schedule.





# QUESTIONNAIRE DESIGN( CON.)

- ▶ This included the absentee population within the country and destination abroad by sex.
- ▶ The age at time of absence and citizenship were also included in the complete enumeration.



# Migration related questions in census schedules, census years 2011

SN	Description of questions	2011	
		Complete	Sample
1	Place of birth		Y
2	Native born		Y
3	Foreign born		Y
4	Duration of residence in present place		Y
5	Reason for residence in present place		Y
6	Place of residence at fixed prior date		Y
7	Absentee population	Y	
8	Absentee by age, sex	Y	
9	Absentee by education	Y	
10	Duration of absence	Y	
11	Reason for absence	Y	
12	Destination abroad by sex	Y	
13	Age at time of absence	Y	
14	Citizenship	Y	
15	Not Nepalese by sex, age	Y	

# NPHC 2011 Questionnaire

Form 1 : Complete Count

Form 2 : Sample Count



# Data Dissemination on international migration census report, 2011

SN	International migration contents			
		National report I	National report II	District report
1	Absent household and population	Table 11		Table 15
2	Population absent from households by sex, age at departure and country of destination			Table 16
3	Population absent from households by sex, age at departure and reason for absence			Table 17
4	Population absent from households by sex, age at departure, reason for absence and country of destination			Table 18
	Absent population from			

# Availability of data on Absentees

- ▶ For data evaluation of Absentees Ref :
- ▶ Population and Housing Census - 2011
- ▶ National Report I
- ▶ National Report II
- ▶ District Report

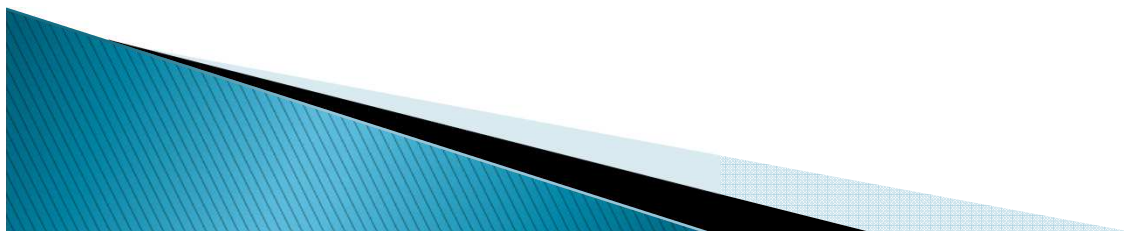


# Data Dissemination on international migration census report, 2011

SN	International migration contents	Sources			
		National report I	National report II	District report	VDC /Municipality report (by district)
6	Population absent from household by sex, level of education and age at departure			Table 20	
7	Population by citizenship (Individual)	Table 23, Table 9			
8	Population by place of birth, sex and five year age groups (Individual)		Table 1, Table 21		
9	Population aged 5 years and above, residing in enumerated area 5 years ago		Table 5		
10	Foreign born population by country of birth, sex and age groups		Table 25		

# Availability of data on Absentees

Table 15: Absentee population and household							
Area	Total	Absent household	Sex of absentees				
			Total	Male	Female	Not stated	
<b>Nepal</b>	<b>5,423,297</b>	<b>1,378,678</b>	<b>1,921,494</b>	<b>1,684,029</b>	<b>237,400</b>	<b>65</b>	
<b>Urban/Rural</b>							
Urban	1,045,575	200,380	285,421	227,632	57,774	15	
Rural	4,377,722	1,178,298	1,636,073	1,456,397	179,626	50	



# Availability of data on Absentees

Table 16: Population absent from household by sex, age at departure and country of destination.

Area, sex and age at departure				Total absent population	Absent population destined to													
					India	SAARC country (excluding india)	ASEAN country	Middle East country	Other Asian country	European Union country	Other European country	North American country (USA & Canada)	South American/Caribbean country	African country	Pacific Ocean region country	Others	Not Stated	
Nepal																		
Both Sexes																		
All Ages				1,921,494	722,255	12,068	249,889	721,791	44,566	58,882	3,691	48,077	2,315	5,124	27,366	5,158	20,312	

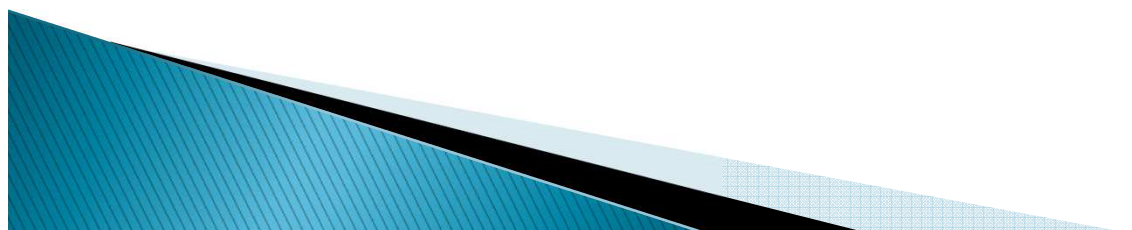




# Availability of data on Absentees

Table 17: Population absent from household by sex, age at departure and reason for absence.

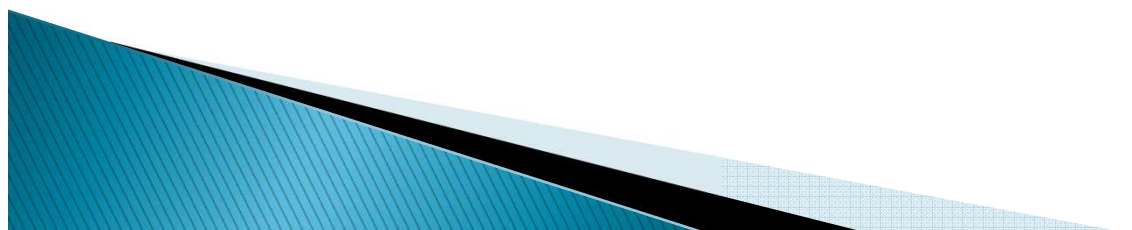
Area, sex and age at departure	Total absent population	Reason for absence						Not stated	
		Business	Private job	Institutional job	Study	Conflict	Dependent		Others
<b>Nepal</b>									
<b>Both Sexes</b>									
All Ages	1,921,494	11,685	1,364,602	192,484	110,564	2,643	131,109	26,681	81,726



# Availability of data on Absentees

Table 18: Population absent from household by sex, reason of absence and country of destination.

Area, sex and reason of absence				Total absent population	Absentee population destined to													
					India	SAARC country (excluding India)	ASEAN country	Middle East country	Other Asian country	European Union country	Other European country	North American country (USA & Canada)	South American/Caribbean country	African country	Pacific Ocean region country	Others	Not stated	
<b>Nepal</b>																		
<b>Both Sexes</b>																		
Total				1,921,494	722,255	12,068	249,889	721,791	44,566	58,882	3,691	48,077	2,315	5,124	27,366	5,158	20,312	



# Availability of data on Absentees

Table 19: Absentee population from household by sex, duration of absence and age at departure.

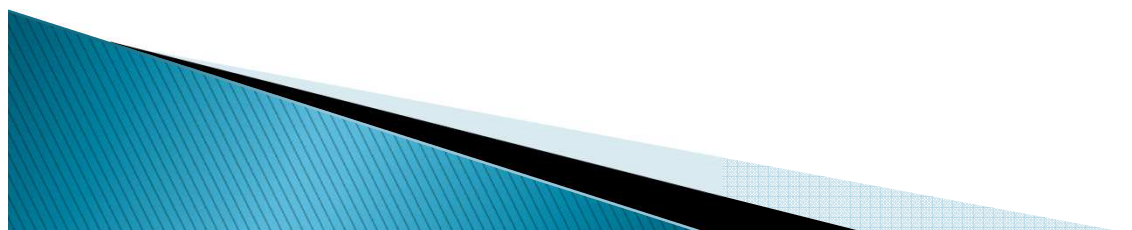
Area, sex and duration of absence				Total absent population	Age at departure							Age not stated	
					Under 14	15-24	25-34	35-44	45-54	55-64	65 and above		
<b>Nepal</b>													
<b>Both Sexes</b>													
Total				1,921,494	121,148	867,496	605,888	227,356	49,617	11,636	3,670	34,683	



# Availability of data on Absentees

Table 20: Population absent from household by sex, level of education and age at departure.

Area, sex and age at departure	Total absent population	Level of education										Non-formal	Illiterate	Not stated		
		Beginner	Primary (1-5)	Lower secondary (6-8)	Secondary (9-10)	SLC & equiv.	Intermediate & equiv.	Graduate & equiv.	Post graduate equivalent & above	Others						
<b>Nepal</b>																
<b>Both Sexes</b>																
All Ages	1,882,182	26,203	405,641	372,183	245,352	228,906	136,196	56,146	19,321	546	81,576	74,968	235,144			



# Data Dissemination on international migration census report, 2011

SN	International migration contents	Sources			
		National report I	National report II	District report	VDC /Municipality report (by district)
11	Foreign born population by length of stay in Nepal, sex and age groups		Table 26		
12	Foreign born population by main reason of stay in Nepal, sex and age groups		Table 27		
13	Population aged 5 years and above, residing in enumerated area by residence 5 years ago, sex and 5 year age groups		Table 28		
14	Population 5 years and above by place of residence prior to 5 years in different districts other than the enumeration district, by sex and 5 year age groups		Table 29		
15	Population 5 years and above by country of residence prior to 5 years in foreign country from the date of enumeration, sex and age groups		Table 30		

# Data availability on international migration census report, 2011

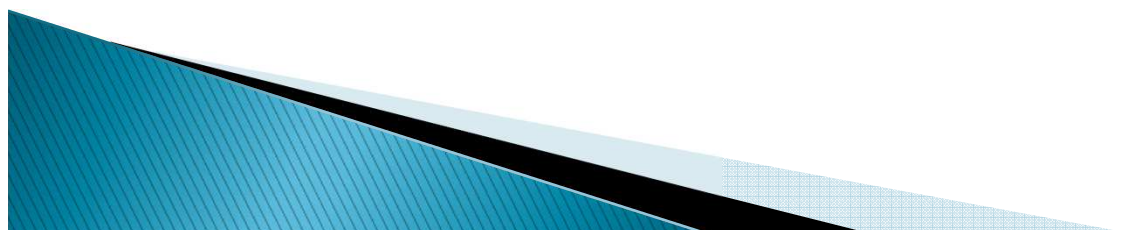
**Table 25: Foreign-born population by country of birth, sex and age groups .**

Area, sex and age group	Total foreign born population	Population born in										Country not stated
		India	SAARC country (excluding india)	ASEAN country	Middle East country	Other Asian country	European country	North American country (USA/Canada)	Other countries			
<b>Nepal</b>												
<b>Both Sexes</b>												
Total	479,625	449,149	3,371	5,160	505	4,624	2,296	616	3,858	10,046		
00 - 14 Years	47,082	43,158	195	265	151	1,162	368	348	405	1,029		
15 - 59 Years	382,374	359,506	2,807	3,975	330	3,030	1,724	203	2,916	7,882		
60+ Years	50,169	46,484	369	920	24	431	204	65	536	1,135		

# Data availability on international migration census report, 2011

Table 26: Foreign born population by length of stay in Nepal, sex and age groups.

Area, sex and age group	Total foreign born population	Length of stay				Length of stay not stated
		Less than 1 year	1 - 5 years	6 - 10 years	More than 10 years	
<b>Nepal</b>						
<b>Both Sexes</b>						
Total	479,625	12,054	82,885	70,280	258,922	55,485
00 - 14 Years	47,082	3,810	20,723	11,230	3,218	8,102
15 - 59 Years	382,374	8,104	60,528	57,671	214,203	41,868
60+ Years	50,169	140	1,634	1,379	41,500	5,515



# Data availability on international migration census report, 2011

**Table 27: Foreign born population by main reason of stay in Nepal, sex and age groups.**

Area, sex and age group	Total	Main reason for stay									Reasons not stated	
		Agriculture	Business	Service	Study	Marriage	Dependent	Conflict	Others			
<b>Nepal</b>												
<b>Both Sexes</b>												
Total	479,625	27,010	34,829	30,382	20,921	219,527	81,721	1,825	14,582	48,828		
00 - 14 Years	47,082	0	0	494	8,833	318	27,311	65	1,251	8,810		
15 - 59 Years	382,374	20,783	31,229	27,925	11,999	192,658	49,383	1,221	11,622	35,553		
60+ Years	50,169	6,226	3,600	1,963	89	26,551	5,027	539	1,708	4,465		





# Data availability on international migration census report, 2011

Table 28: Population aged 5 years and above, residing in enumerated area by residence of 5 years ago, sex

and 5 years age groups.											
Area, sex and	age group	Population aged 5 years & above	Population whose residence 5 years ago was in								
			Same district	Other district			Foreign country	Place not stated			
				Total	Rural	Urban			Not stated		
<b>Nepal</b>											
	<b>Both Sexes</b>										
		<b>Total</b>	<b>23,687,700</b>	<b>22,180,467</b>	<b>1,095,359</b>	<b>800,072</b>	<b>120,078</b>	<b>175,208</b>	<b>110,237</b>	<b>301,637</b>	



# Data availability on international migration census report, 2011

Table 30: Population 5 years and above by country of residence prior to 5 years in foreign country, sex and age groups.

Area, sex and age group	Total	Population residing 5 years ago in foreign country										Country not stated
		India	SAARC country (excluding india)	ASEAN country	Middle East country	Other Asian country	European country	North American country (USA/Canada)	Other countries			
<b>Nepal</b>												
<b>Both Sexes</b>												
Total	110,237	93,372	564	3,047	5,288	1,870	1,466	485	1,302	2,842		
05 - 14 Years	18,146	16,785	70	166	42	300	188	161	130	303		
15 - 59 Years	88,032	72,880	453	2,881	5,215	1,521	1,238	316	1,124	2,404		
60+ Years	4,059	3,706	41	0	31	49	40	8	48	135		

# Data Dissemination on international migration census report, 2011

- ▶ Foreign countries that the absent population is going to are categorised in terms of India, other SAARC countries,
- ▶ ASEAN countries, the Middle East, other Asian countries, European Union countries, other European countries,
- ▶ North American countries (USA and Canada), South American/Caribbean countries, African countries, Pacific regions and others.



# Data Dissemination on international migration census report, 2011

- ▶ countries of foreign citizens include:
- ▶ India, China, Pakistan, Bangladesh,
- ▶ Bhutan, Sri Lanka, Maldives,
- ▶ other countries of Asia, Europe,
- ▶ North America, South America,
- ▶ Africa and Australia/New Zealand.



# Data Dissemination on international migration census report, 2011

- ▶ Table 16: Population absent from household by sex, age at departure and country of destination.
- ▶ India SAARC country (excluding india)  
ASEAN country Other European country
- ▶ Middle East country North American country
- ▶ Other Asian country European Union  
country Other European country North American  
country (USA & Canada) South American/  
Caribbean country
- ▶ African country Pacific Ocean region country



# Data Dissemination on international migration census report, 2011

- ▶ Table 17: Population absent from household by sex, age at departure and reason for absence.
- ▶ Business                      Private job
- ▶ Institutional job              Study
- ▶ Conflict                         Dependent



## Data availability on international migration in the census report, 2011

- ▶ Since 1961, the Census has collected information on the absent population

Population census	Total population	Absent population	% of total population
1961	9,412,996	328,470	3.4
1971	NA	NA	NA
1981	11,555,983	402,977	2.6
1991	15,022,839	658,290	3.4
2001	23,151,423	762,181	3.2
2011	26,494,504	1,921,494	7.3

- ▶ Foreign citizens by countries of birth, and current place of residence Nepal, 2011

Sex	Total	India	China	Other country
Both Sex	138,910	120,891	2,572	15,447
Male	70,038	63,759	1,225	5,054
Female	68,872	57,132	1,347	10,393


# Data Dissemination on international migration census report, 2011

- ▶ Foreign countries( that the absent population is going to) are categorized in terms of
- ▶ India, other SAARC countries,
- ▶ ASEAN countries, the Middle East,
- ▶ other Asian countries, European Union countries, other European countries, North American countries (USA and Canada), South American/Caribbean countries, African countries, Pacific regions and others





# Evaluation of migration data

- ▶ The net migration rate for 2011 is estimated at – 10.32 per thousand populations.
  - ▶ one in every four households (25.42%; 1.38 million households) reported that at least one member of their household was absent or living out of the country.
  - ▶ A total of 1,178,926 people went to other countries except India, approximately over three-fifths (61.4%). Among them, 1,062,755 (90.1%) were males and the remaining 116,171 (9.9%) were females. The status of destination of the remaining 20,312 (1.1%) of absentees is not known of which 4,865 (24%) are females.
- 

# Evaluation of migration data

- ▶ More than 76% of the total absent population are in the age group 15– 34 years, followed by 14% in the age group 35–54 years.
- ▶ A proportionately larger percentage of female absentees (14.1%) are under 15 years of age, compared to males (5%) in the same age range.
- ▶ Due to the open border between Nepal and India and the official and non–official social, cultural and economic ties that have prevailed between these countries historically there is heavy domination in migration data.




# Evaluation of migration data

- ▶ The majority of the foreign-born population stay in Nepal for more than a decade (54%), followed by 1–5 years (17.3%) and 6–10 years (14.7%).
- ▶ Fewer males (47.7%) tend to live in Nepal more than 10 years than females (56.6%), which indicates that marriage is the main reason for staying in Nepal for females.



# Evaluation of migration data


- ▶ The main reason for staying in Nepal was found to be marriage (45.8%), which was predominant among females (63.8%), followed by dependents (17%) and business (7.3%).
  - ▶ The reasons for staying due to agriculture (5.6%), business (7.3%) and services (6.3%) were lower.
  - ▶ Of the total 138,910 foreign citizens, the overwhelming majority (87%) were from India, followed by China (2.1%) and other countries (11.1%), with almost a similar composition between males and females,
- 

# Evaluation of migration data

- ▶ The emigration rate for 2011 is estimated at 10.77 per thousand populations,
- ▶ whereas the immigration rate for the same period stands at 0.46 per thousand populations.
- ▶ The gross migration rate and net migration rate are respectively calculated as 11.23 and -10.32 per thousand populations.



# Evaluation of migration data

- ▶ Whereas the 2001 census recorded that there were an absent population of 762,181, the 2011 census identified more than double this figure, that is, 1,921,494 absent people, 7.3% of the total population.
  - ▶ Immigration is largely dominated by people born in India, over 90% as recorded in every census.
  - ▶ The foreign born population from other countries is mainly from China, standing on the northern border of Nepal, although this follows a fluctuating trend.
- 

# Problems faced

- ▶ Some migration data are not yet published in census reports. So we have to generate new data set from raw data.
- ▶ Migration data collected in Population Census 2011 for selected Households only (Every eighth household selected by systematic)
- ▶ Annual Inflow and outflow of migrant data are not available in the census.



# Problems faced

- ▶ Additional Year data are not yet available after 2011 Census.
- ▶ The size (i.e. number ) of census questionnaire is very big.





# Plan for Next census

- ▶ The module of Questionnaire in next round census 2021 is not fixed yet.
- ▶ There will be Slightly change In International migration questionnaires.
- ▶ Nepal usually fallow recommendation of UNSD, US Census Bureau and UNFPA in questionnaire design of Population and housing census.



THANK YOU