

A LARGE-SCALE SURVEY OF INTERNATIONAL MIGRANTS FROM RURAL BANGLADESH RANDALL KUHN, TANIA BARHAM, ABDUR RAZZAQUE

International Forum on Migration Statistics Session 3.D: Collecting Data on Mobile Populations



Brazil QATAR AND MIGRANT LABOUR ABUS OF THE 2022 FOOTBALL WORLD CUP 2014 World Cup

Vancouver 2010 Olympics

South Africa 2010 World Cup ŤŤ

Sochi 2014 Olympics **†††††**

Beijing 2008 Olympics

1000

Qatar

Migrant worker deaths since Dec. 2010



QATAI FORCE

#WORLDCUP2018



What we know about Gulf migration

 Strictly curtailed human rights (esp under kefala); few legal protections, unstable tenure; indebtedness

Health evidence

- Some evidence on mental illness, depression, suicide
- Evidence of unsafe working conditions, travel restrictions

Methodology

- Mostly small samples, some convenience samples
- Representative samples of economic conditions (e.g. Kerala)
- Few binational samples (another REALM project in Nepal)

Study aims: comparing probashi to their left-behind peers

- 1) Measure well-being of *probashi* in comparison to non-migrants, internal migrants with individual and family baseline controls
- 2) Model covariates of *probashi* well-being and working/living conditions (e.g. destination, duration, human capital)
- 3) Begin to explore the role of worker recruitment in explaining *probashi* well-being

Matlab Thana

- Rural area 55km SE of Dhaka
- High rates of out-migration
- Site of effective mother/child health inteventions
- Health and Demographic Surveillance System (HDSS) tracks vital events since 1974



Matlab Health and Socioeconomic Survey (MHSS)

- MHSS1 (1996): 11,500 respondents in 2700 households
 - Research on left-behind parents, children
- MHSS2 (2012-14): MHSS1 respondents, descendants
 - □ 2,700 hh → 10,500 hh
 - >30,000 respondents
 - High outmigration rates
 - Extensive out-migrant tracking



MHSS2 migrant followup

- Large share of probashi (e.g. 24% of age 23-34 cohort)
- In-person interviews in Eid festival (30%)
- Short phone survey for others (60%)
- Followup phone







Preliminary analysis of MHSS2 data Focusing on males age 25-54

Aim 1: Assess data quality Aim 2: Migrant vs. non-migrant outcomes

Group	Sample Size
Non-Migrant	2,333
Internal migrant	1,372
Overseas in 2012-2014	
Phone survey	561
Festival survey	282
Overseas in past 5 years	218

Phone vs. in-person data: Kernel density Income and hours worked, age 25-54





Income, hours worked and wages By migration status, age 25-54

	Income	Hours/50 wks	Wage/hr#
Non-migrant	\$1287	51	\$0.48
Internal migrant	\$1880 ***	60 ***	\$0.60
Int'l Mig Current	\$5017 ***	62 ***	\$1.56
Int'l Mig Return	\$1667	46 *	\$0.70

Statistical test of difference from non-migrant: *** p<0.001; ** p<0.01; * p<0.05

- Computed from Income and hours

Location of current and return migrants, 2012-2014



Wages, costs by destination MHSS2 estimates

	Earning		Hours /	Wage	Migration	Margina
Country	S		52wks	s / Hr	cost	I ROI#
Saudi	A E 007		07	.	\$3,889	\$2.60
Arabia	\$5,637		67	\$1.63	ć	ć
UAF	\$4 436	***	66	\$1 29	\$3,312	ŞZ.14
0/12	ψ I, IOO		00	φ 1120	\$3 <i>,</i> 798	\$2.18
Other GCC	\$4,910	*	68	\$1.40	¢1 200	¢2 70
SE Asia	\$6,379	*	68	\$1.80	74,290	<i>γ</i> 2.70
Othor	¢C 140		64	¢1 05	\$4,254	\$2.67
Statistical test of	40,140 difference fro	m Sau	04 Jdi Arabia: **	CO.IÇ	** p<0.01: * p<	0.05

* - Assumes 2.5 years work at local average wage minus non-mig wage

REALM survey estimates will better account for duration, multiple trips, loans/interest rates, wage trajectories

Data validation: height and weight





Health risk factors: Marginal estimates



Reported health outcomes



Objective health measures Phone survey excluded



Data validation: Depression index



Days of week with positive feelings By migrant status



Days of week with negative feelings By migrant status



Conclusions & Some Next Steps

- Phone survey data quality is high
- Probashi have predictable income returns; returnee earnings moderately increased
- Probashi healthier, likely due to selectivity
 - Hypertension, overweight increased; injury risk lower
- Need panel controls for self-selection
- Followup phone survey will add new data

Followup phone survey

Livelihoods - Recruitment, networks Employment and living conditions Remittances and investments Occupational health risks, injuries Health Abuse, rights violations Full mental health Life Attitudes towards migration chances Agency - supervision, chain migration

Next step: Probashi Lives Study

- Many burdens must be measured in microtemporal scale (e.g. stress, heat, sleep, mobility, social contact)
- Smartphones allow this
- Probashi are highly motivated to share their stories

