

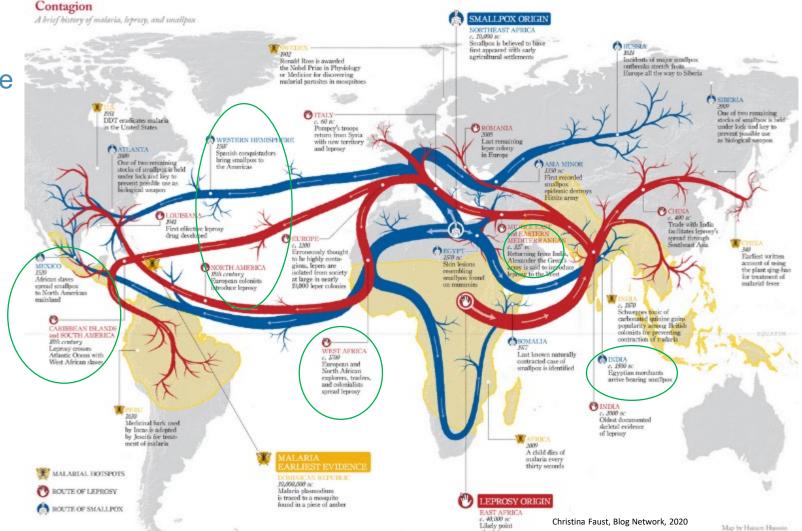
Swiss TPH The Role of Migration in Disease Transmission

"Global Health in the 21st Century"

Swiss TPH VIRTUAL Symposium 2021, 28-30 June

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Humans: are we the most effective vector of disease?



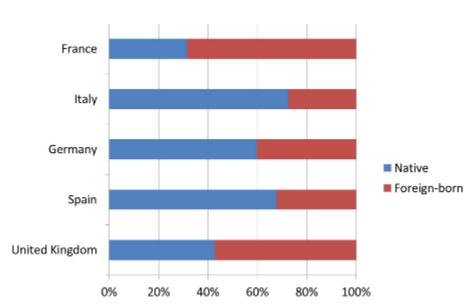


Infectious Diseases and Migrants

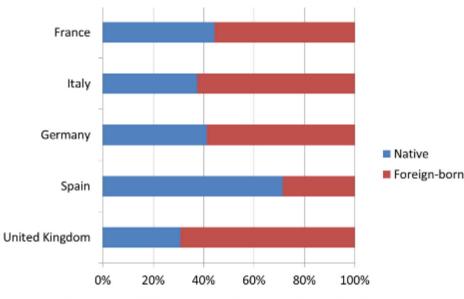
- On arrival; injuries, hypothermia, burns, gastrointestinal, NCDs and their treatment, child health, SRH, mental health and violence, IDs, and others
- Communicable disease → ← poverty
- No systematic association, but with travelers
- Low risk of transmission to host population
- No obligatory screening program is recommended by WHO, → no evidence
 of cost-effectiveness, but at point of entry,
- Triage followed by proper diagnosis and treatment is recommended



Native and foreign-born individuals with IDs

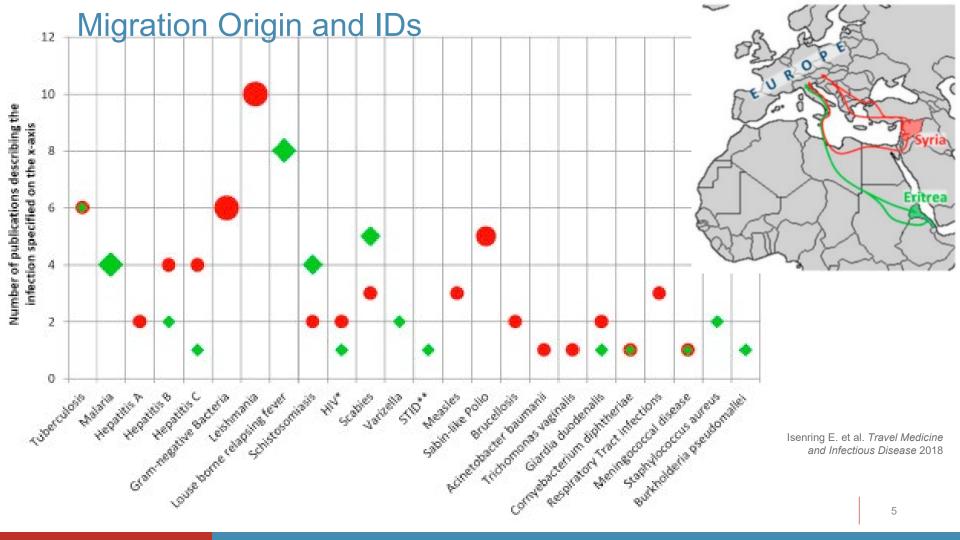


Proportion of new HIV infections reported in 2014 among native and foreign-born individuals



Proportion of TB cases reported among native and foreign-born individuals in 2014*





Air Travel and emerging and re-emerging IDs

- Potential for outbreak or speeding up of epidemics
- Last two decades alone, several of them were reported

SARS-CoV-2	Wuhan,China (2019)	Pandemic (2019)
Influenza H1N1	Mexico (2009)	Pandemic
Vibrio cholerae	South Asia (2002,2008)	Haiti epidemic (2010)
NDM-1carbapenem-resistant Gram-negative	India (2009)	Several countries (2009)
mcr-1colistin-resistant Gram-negative	China (2014)	Several countries (2014)
Dengue virus	South east Asia (1950s)	Global emergence over past 5 decades
MERS-CoV	Saudi Arabia (2012)	Epidemics in several countries (2012)
Zika virus	Africa and Asia	Latin American and Caribbean (2015)
Chikungunya virus	Africa and Asia	Latin American and Caribbean (2013)
SARS-CoV	Southern China (2002)	Epidemic in several countries (2002)
Schistosomiasis	Africa	Epidemic in Corsica (2013)



COVID-19 and Migrants

- Health and social risk factors, → Higher risk of exposure;
 - Occupational risk
 - Dwelling conditions → over crowded (camps, detention facilities & homeless shelters)
 - Lower levels of awareness → healthcare and public health messaging access.
- Only 6% (3/47) published information on testing or healthcare entitlements in common migrant languages, though 96% (45/47) had online advices.
- Effective communication → the notion "health of one is the health of all" is key for pandemic response



Risk factors for lower uptake of the COVID-19 vaccine among migrants:

Problems
accessing primary
care or the delivery
point for the
vaccine

Misconceptions
about the vaccine due
to cultural beliefs,
widspread
misinformation, lack
of access to accurate
information

Lack of trust in public health and health systems

Vaccine hesitant

LOW UPTAKE
OF THE COVID-19
VACCINE IN SOME
MIGRANT
GROUPS

Excluded from health and vaccination system due to lack of legal entitlement Religion and beliefs influencing vaccine decision-making







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Thank You!