



UNIVERSITÉ PARIS 1
PANTHÉON SORBONNE

Rethinking Administrative and Statistical Categories of Migration

A Critical Examination and Demographic Measurement Perspective

Celio Sierra-Paycha

celio.sierra-paycha@univ-paris1.fr

Transnational Migration in Southeast Asia

Kuala Lumpur December 2023

Presentation outline

Migration: easy to define... but impossible to measure

Is the term “migration” problematic?

From the classic indirect estimation of net number of migrants flow...

... to the recent standardization of the stock of life long international migrants

Refugees, Labor migration, Student migration: relevant categories ?

Migration: easy to define...

“Human migration [...] is a permanent change of residence”

Encyclopaedia Britannica

According to the United Nations, migration is a “change [...] of usual residence, irrespective of the reason for migration or legal status”

...but (almost) impossible to measure

No data on the residential history between birth and observation

Except in some very specific surveys

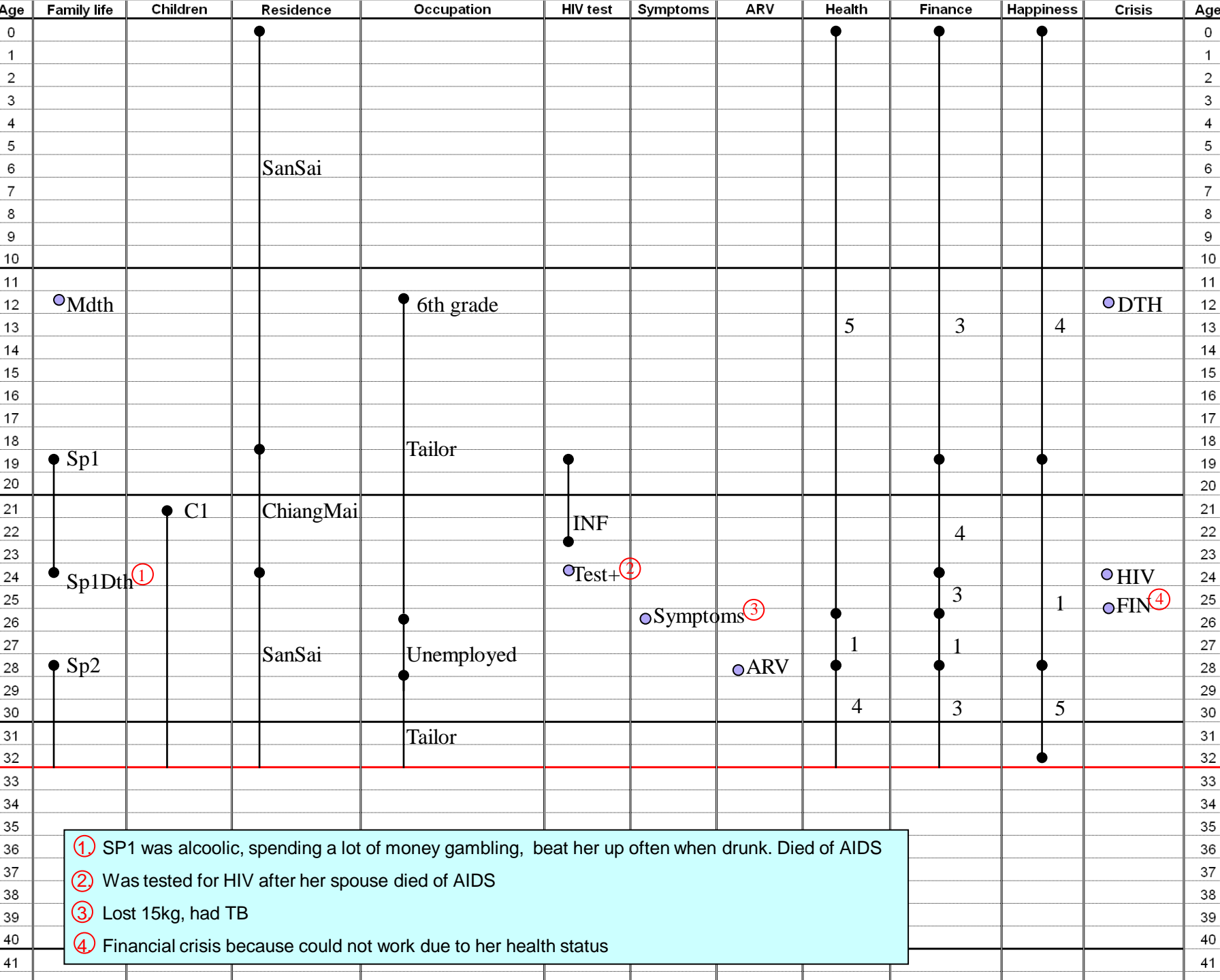
Années	Durée	RESIDENCES	ACTIVITES	EVT. FAMILLE	Années	Durée
1989	0				1989	0
1988	1				1988	1
1987	2				1987	2
1986	3				1986	3
1985	4				1985	4
1984	5				1984	5
1983	6				1983	6
1982	7				1982	7
1981	8				1981	8
1980	9				1980	9
1979	10				1979	10
1978	11				1978	11
1977	12				1977	12
1976	13				1976	13
1975	14				1975	14
1974	15				1974	15
1973	16				1973	16
1972	17				1972	17
1971	18				1971	18
1970	19				1970	19
1969	20				1969	20
1968	21				1968	21
1967	22				1967	22
1966	23				1966	23
1965	24				1965	24
1964	25				1964	25
1963	26				1963	26
1962	27				1962	27
1961	28				1961	28
1960	29				1960	29
1959	30				1959	30
1958	31				1958	31
1957	32				1957	32
1956	33				1956	33
1955	34				1955	34

1989
Dakar/Pikine
Survey
Senegal
(Orstom)
P.Antoine

Fecha y Edad	Lugar de Residencia	Relación de Parentesco
1. ¿En qué mes y año nació usted?	2.1 ¿En qué localidad (poblado o ciudad) nació usted? 2.2 ¿En qué municipio (delegación)? 2.3 ¿En qué estado de la República o país? 2.4 Además de (Localidad de Nacimiento) ¿ha vivido en otras localidades (pobladados o ciudades) por lo menos un año en forma continua? Si () No () Pase a 3. 2.5 ¿Podría decirme todas las localidades (pobladados o ciudades) donde haya vivido después de (localidad de nacimiento) por lo menos un año en forma continua, y la fecha o edad de traslado a estos lugares (Anote Municipio y Estado o País)?	3 ¿Cuál era la relación de parentesco entre usted en el primer Hogar en que vivió en su lugar de cada una de las localidades (pobladados o ciudades)? 01 Jefe(a) del hogar 02 Cónyuge 03 Hijo(a) 04 Yerno / Nuera 05 Padre-Madre / Suegro(a) 06 Otro pariente 07 Sirviente, trabajador(a) doméstico(a) 08 Otro No-Pariente 09 Vivienda colectiva

1		Or den	2.1			2.2			2.3		
Mes:			Localidad			Municipio			Estado o País		
19	0										
19	1										
19	2										
19	3										
19	4										
19	5										
19	6										
19	7										
19	8										
19	9										
19	10										
19	11										
19	12										
19	13										
19	14										

1998
 EDER Survey
 Mexico
 (CEPED,
 COLEF,
 CREDAL,
 Paris X)



2007 LIWA
Survey
Thailand
(ANRS-INED)
S.Lecoeur et al.

- ① SP1 was alcoholic, spending a lot of money gambling, beat her up often when drunk. Died of AIDS
- ② Was tested for HIV after her spouse died of AIDS
- ③ Lost 15kg, had TB
- ④ Financial crisis because could not work due to her health status

2007 ENI
Survey
Spain
(INE)

PAÍSES	Pais 1 NOP01	Pais 2 NOP02	Pais 3 NOP03	Pais 4 NOP04
1 Pais	PTRS01 <input type="text"/>	PTRS02 <input type="text"/>	PTRS03 <input type="text"/>	PTRS04 <input type="text"/>
2 ¿En qué año empezó a vivir en (nombre)? (Si no sabe rellene el peine con ceros)	ANOP01 <input type="text"/>	ANOP02 <input type="text"/>	ANOP03 <input type="text"/>	ANOP04 <input type="text"/>
3 ¿Con quién se trasladó a este país? (Varias opciones de respuesta son posibles)				
Solo o con conocidos	SOLO01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	SOLO02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	SOLO03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	SOLO04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
Con la familia con la que convivía	FAM01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	FAM02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	FAM03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	FAM04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
Con parte de la familia con la que convivía	PFAM01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	PFAM02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	PFAM03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	PFAM04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
Con familiares con los que no convivía	FNC01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	FNC02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	FNC03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	FNC04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
4 ¿Por qué motivo se trasladó a este país? (Varias opciones de respuesta son posibles)				
Por jubilación	JUB01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	JUB02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	JUB03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	JUB04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
Por cambio de destino laboral	DSLA01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	DSLA02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	DSLA03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	DSLA04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
Por falta de empleo	FEMP01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	FEMP02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	FEMP03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	FEMP04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
Para buscar un empleo mejor	BEMP01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	BEMP02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	BEMP03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	BEMP04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
Por motivos políticos	POLI01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	POLI02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	POLI03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	POLI04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
Por motivos religiosos	RELI01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	RELI02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	RELI03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	RELI04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
Por razones formativas o educativas	EDUC01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	EDUC02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	EDUC03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	EDUC04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
Por la calidad de vida	CALV01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	CALV02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	CALV03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	CALV04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
Por razones familiares (reagrupación familiar...)	REAG01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	REAG02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	REAG03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	REAG04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
Por el coste de vida	COST01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	COST02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	COST03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	COST04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
Por el clima	CLIM01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	CLIM02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	CLIM03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	CLIM04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
Por estancia temporal en país de tránsito	TRNS01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	TRNS02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	TRNS03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	TRNS04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
Por otras razones	OTRS01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	OTRS02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	OTRS03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	OTRS04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No

Années AGE	Historique résidentiel et administratif		Emploi et conditions de vie		Dépistage et histoire avec le VIH		Parcours de transition		Santé mentale		Violences subies		Histoire des relations		Autres événements marquants		Années	
	Pays	Nationalité	Titres de séjour (France) 1. Visa 2. Pas de visa 3. Pas besoin de visa 4. TS-clan 5. TS entre 1-3 ans 6. TS 10 ans 7. Pas besoin de TS	Activités Prof. 1. Etudiant 2. Emploi déclaré 3. Emploi non déclaré 4. Sans emploi 5. Demandeur d'emploi 6. Retraité	Logement 1. Propre 2. Hébergé par la famille 3. Hébergé par autre 4. Hébergé par une structure collective 5. Squat/rue 6. Hotel	Dépistages VIH réalisés 1. T - 2. T +	Année du diagnostic et mise sous traitement 1. D. Diagnostic 2. TTT. traitement	Année où vous vous êtes identifiés en tant que femme trans ?	Injections 1. silicone 2. autre	Hormones	Opérations chirurgicales 1. Visage 2. Seins 3. Génital 4. Pomme d'adam 5. Fesses	Santé mentale 1. Projets de suicide 2. Tentatives de Suicide	Violences subies 1. Psychologique 2. Physique 3. Sexuelles	Relations tarifées 1. argent 2. services ou autre	Relations amoureuses 1. P1 2. P2 3. P3 ...	Autres événements marquants Mariage: Divorce: naissance d'enfants hospitalisations, décès d'un proche, ...		
2021			5	6	↑													2021
2020			↑	↑	↑													2020
2019			↑	↑	↑													2019
2018			↑	↑	↑													2018
2017			↑	↑	↑													2017
2016			↑	↑	↑													2016
2015			↑	↑	↑													2015
2014			↑	↑	↑													2014
2013			↑	↑	↑													2013
2012			↑	↑	↑													2012
2011			↑	↑	↑													2011
2010			↑	↑	↑													2010
2009			↑	↑	↑													2009
2008			↑	↑	↑													2008
2007			↑	↑	↑													2007
2006			↑	↑	↑													2006
2005			↑	↑	↑													2005
2004	FRANCE		2	3	↑	2	12		-1		2, 5							2004
2003			↑	↑	↑													2003
2002			↑	↑	↑													2002
2001			↑	↑	↑													2001
2000			↑	↑	↑													2000
1999			↑	↑	↑													1999
1998			↑	↑	↑													1998
1997			↑	↑	↑													1997
1996			↑	↑	↑													1996
1995			↑	↑	↑													1995
1994			↑	↑	↑													1994
1993			↑	↑	↑													1993
1992			↑	↑	↑													1992
1991			↑	↑	↑													1991
1990			↑	↑	↑													1990
1989			↑	↑	↑													1989
1988			↑	↑	↑													1988
1987			↑	↑	↑													1987
1986			↑	↑	↑													1986
1985			↑	↑	↑													1985
1984			↑	↑	↑													1984
1983			↑	↑	↑													1983
1982			↑	↑	↑													1982
1981			↑	↑	↑													1981
1980			↑	↑	↑													1980
1979			↑	↑	↑													1979
1978			↑	↑	↑													1978
1977			↑	↑	↑													1977
1976			↑	↑	↑													1976
1975			↑	↑	↑													1975
1974			↑	↑	↑													1974
1973			↑	↑	↑													1973
1972			↑	↑	↑													1972
1971			↑	↑	↑													1971
1970			↑	↑	↑													1970
1969			↑	↑	↑													1969
1968			↑	↑	↑													1968
1967			↑	↑	↑													1967
1966			↑	↑	↑													1966
1965			↑	↑	↑													1965
1964			↑	↑	↑													1964
1963			↑	↑	↑													1963
1962			↑	↑	↑													1962
1961			↑	↑	↑													1961
1960			↑	↑	↑													1960
1959			↑	↑	↑													1959
1958			↑	↑	↑													1958
1957			↑	↑	↑													1957
1956			↑	↑	↑													1956
1955			↑	↑	↑													1955
1954			↑	↑	↑													1954
1953			↑	↑	↑													1953
1952			↑	↑	↑													1952
1951			↑	↑	↑													1951
1950			↑	↑	↑													1950
1949			↑	↑	↑													1949
1948			↑	↑	↑													1948
1947			↑	↑	↑													1947
1946			↑	↑	↑													1946
1945			↑	↑	↑													1945
1944			↑	↑	↑													1944
1943			↑	↑	↑													1943
1942			↑	↑	↑													1942
1941			↑	↑	↑													1941
1940			↑	↑	↑													1940
1939			↑	↑	↑													1939
1938			↑	↑	↑													1938
1937			↑	↑	↑													1937
1936			↑	↑	↑													1936
1935			↑	↑	↑													1935
1934			↑	↑	↑													1934
1933			↑	↑	↑													1933
1932			↑	↑	↑													1932
1931			↑	↑	↑													1931
1930			↑	↑	↑													1930

2020
Trans-HIV
Survey
France
(SESSTIM)

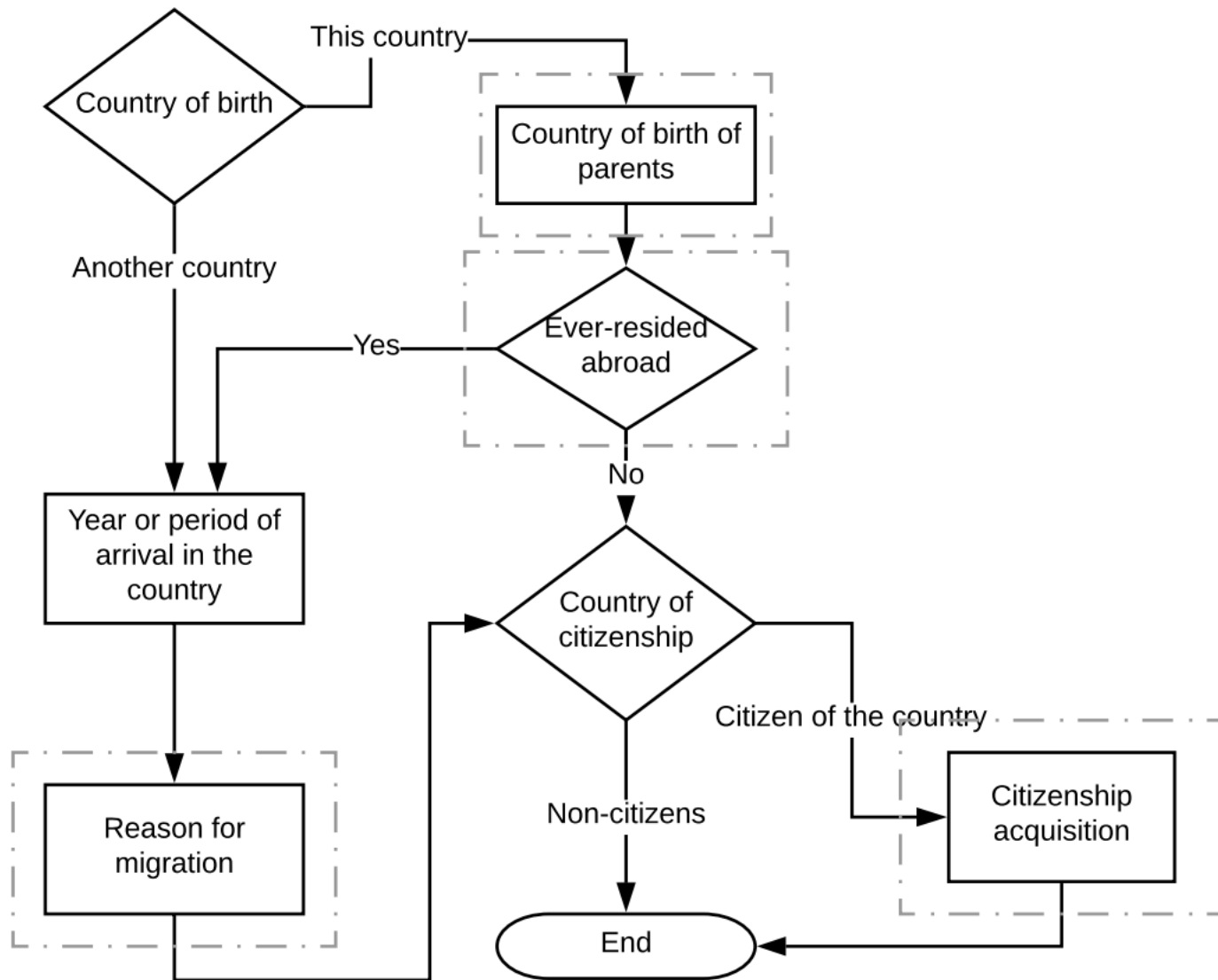
...but (almost) impossible to measure

Through the Census data, information on

Country of birth

Country of previous residence (e.g. 1 or 5 years before)

Country of actual residence



Note: Questions in dotted boxes are optional

Standard questions on international migration

Guidance note for the use in population censuses and household surveys

UNITED NATIONS EXPERT GROUP ON MIGRATION STATISTICS 2015

50	E10	Where was your / this person's place of birth?
51	E11	(a) Are you / this person a Malaysian citizen?
52		(b) What is your / this person's citizenship?
53		(c) What is your / this person's residence status?
54	E12	Where was your / this person's usual place of residence one (1) year ago?
55	E13	Where was your / this person's usual place of residence five (5) years ago?

2020
Census
Malaysia
(DOSM)

...but (almost) impossible to measure

What we actually call migration in the standardized statistics?

"Lifelong international migration: a comparison between the country of birth and the current country of residence"

The actual acceptation does not correspond to the UN theoretical definition

...but (almost) impossible to measure

Evolution of lifelong international stocks

Année	Effectifs	Proportion
1970	84 460 125	2.3%
1975	90 368 010	2.2%
1980	101 983 149	2.3%
1985	113 206 691	2.3%
1990	153 011 473	2.9%
1995	161 316 895	2.8%
2000	173 588 441	2.8%
2005	191 615 574	2.9%
2010	220 781 909	3.2%
2015	248 861 296	3.4%
2019	271 642 105	3.5%

2022: 281 millions 3.6%

Source: UN Department of Economic and Social Affairs, 2008, 2019a, 2019b. Cited in World Migration Report OIM

...but (almost) impossible to measure

What we actually call “migration”?

An emic definition in the public debate in Europe

A definition but only for people coming from the global south

European outmigrants are not referred to as migrants but as expatriates



M6
@M6

LES RÉPLIQUES

Choisir de bouleverser son destin et repartir de zéro à des milliers de kilomètres : un pari un peu fou auquel beaucoup pensent un jour sans jamais oser.
« Tout quitter pour changer de vie - Épisode 2 »
📺 Dimanche à 21.05 dans [#ZoneInterdite](#)



11:00 AM · 24 déc. 2021 · Twitter Media Studio



Réanimumab #DarmaninDémission
@reanimumab

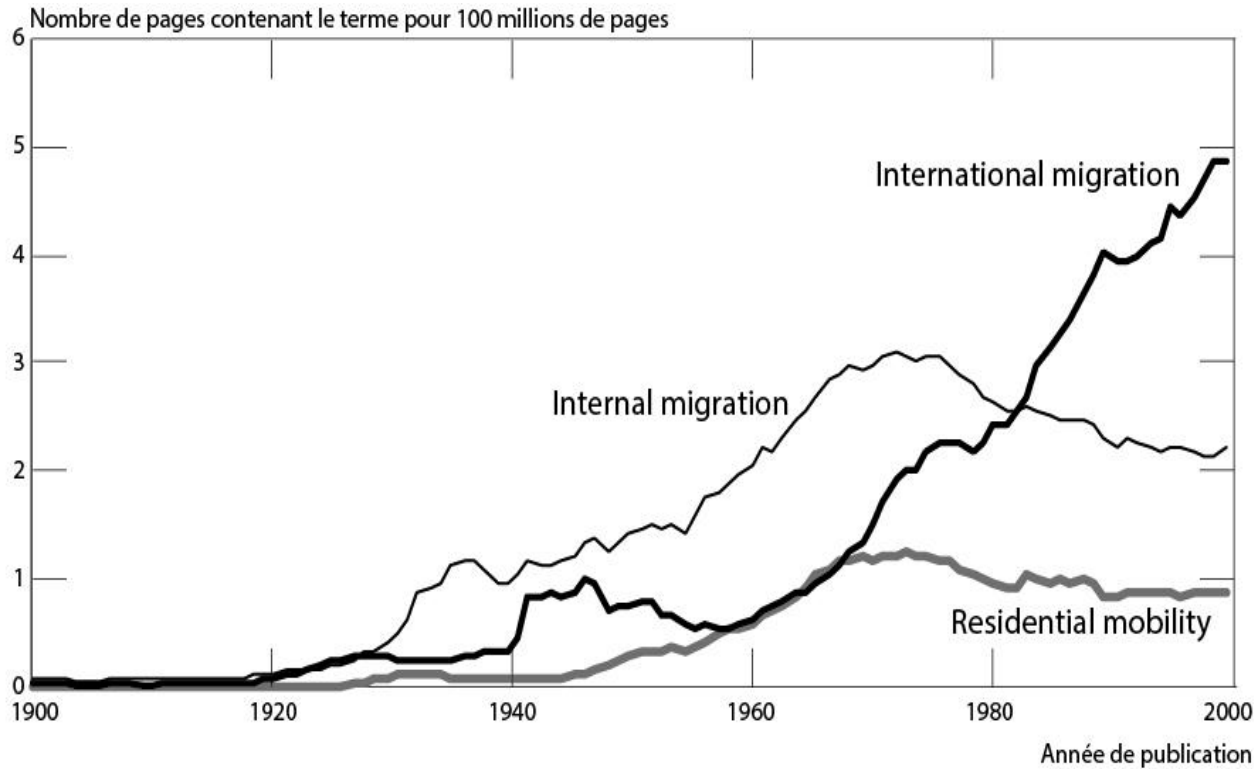
« Cite un truc qui est considéré comme audacieux quand tu es blanc et riche, et comme scandaleux quand tu es pauvre et racisé »

9:37 PM · 26 déc. 2021 · Twitter for iPhone

Promotion of a reality tv show on a French couple out-migrating.

First tweet : “To choose to upheave one’s destiny and start anew thousands of kilometers away: a crazy and risky challenge that many look for without ever daring to take the risk.”

Answer: Something called “daring” when you are white and rich and “scandalous” when you’re poor and non-white



Migration

A really recent synonym of
international migration

Occurrence of «international migration», «internal migration» and «residential mobility» in all English books digitalized by year of publishing.

Le Roux et Sierra-Paycha 2021

Is the term “migration” problematic?

A governmental view point?

“migration as a social issue is coupled from its very outset with a governmental rationale: migration is a phenomenon to manage. For these reasons, as indeed many scholars have argued, **there would not be migration without borders, only mobility.** And, given the regulative function of borders, it follows that there would not be migration outside of a governmental perspective.”

Tazzioli 2015

Is the term “migration” problematic?

That weakens critical analyses on migration governmentality

“Government [...] shapes our way of thinking and speaking of people’s movements. Most critical analyses on migration governmentality assume this of coupling migration-government as an unquestionable bond, addressing criticisms towards inhumane treatments against migrants or towards the deprivation of migrants’ political and civil rights, insisting on the necessity of granting access to services and protection. If the translation of practices of mobility into migration in order to govern is not challenged in itself, the critique of the government of migration becomes a slippery discourse, unwittingly turning into a critique of the excesses and violations of the politics of mobility and into a claim for a ‘fair government’.”

Tazzioli 2015



For No border activists:

“People on the move”

“Travelers”

Not “migrants”

From the classic indirect estimation of net number of migrants flow...

$$P_{t+1} = P_t + B_{t;t+1} - D_{t;t+1} + I_{t;t+1} - E_{t;t+1}$$

$$P_{t+1} - P_t = B_{t;t+1} - D_{t;t+1} + I_{t;t+1} - E_{t;t+1}$$

$$(P_{t+1} - P_t) = (B_{t;t+1} - D_{t;t+1}) + (I_{t;t+1} - E_{t;t+1})$$

Population growth = Natural Increase + Net number of migrants

Net number of migrants = Population growth - Natural Increase

From the classic indirect estimation of net number of migrants flow...

$$\textit{Net migration} = \textit{Population growth} - \textit{Natural Increase}$$

Indirect estimation → *Net migration*

Census data → *Population growth*

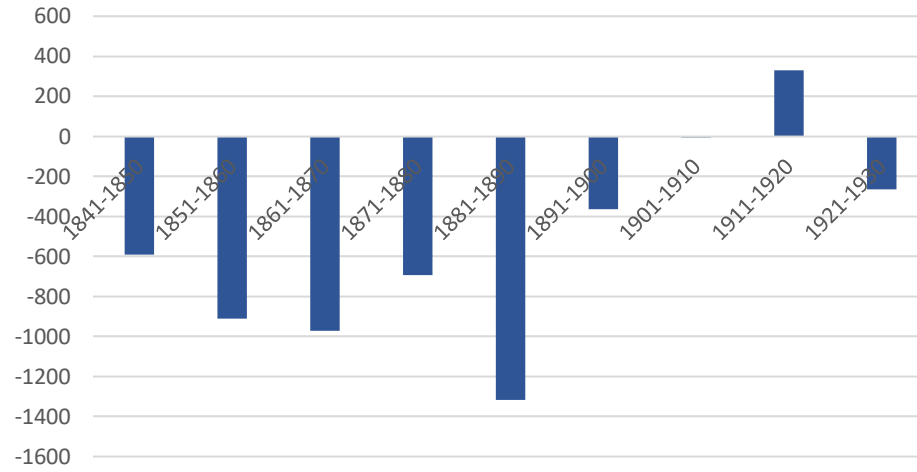
Civil registration system data → *Natural Increase*

ANNEXE AU CHAPITRE II
MIGRATIONS APPARENTES D'APRÈS LA COMPARAISON DES RECENSEMENTS SUCCESSIFS (1)
(EN MILLIERS DE MIGRANTS)

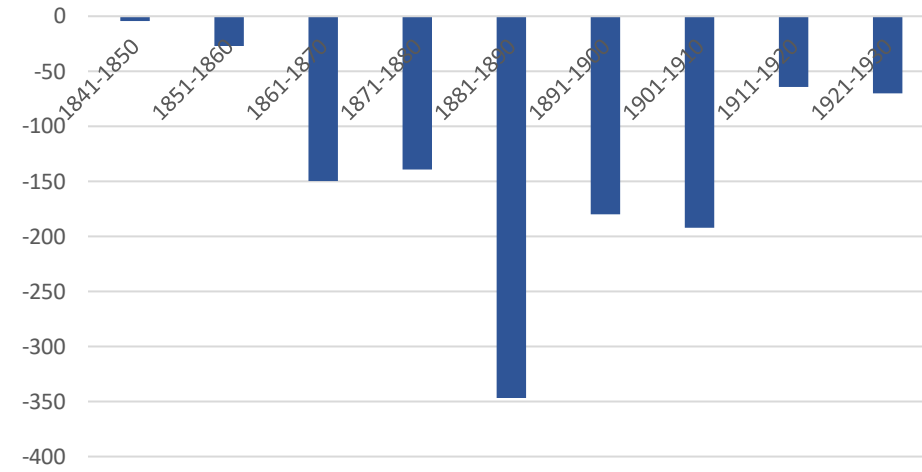
PAYS	1841-1850	1851-1860	1861-1870	1871-1880	1881-1890	1891-1900	1901-1910	1911-1920	1921-1930
Angleterre et Galles	+ 44	- 311	- 232	- 208	- 601	- 69	- 501	- 1.197	- 177
Ecosse	»	»	- 117	- 93	- 218	- 52	- 254	- 239	- 392
Irlande	»	»	- 837	- 693	- 764	- 487	- 332	- 404	(2)
Norvège	- 12	- 28	- 86	- 74	- 189	- 57	- 167	- 18	+ 20
Suède	- 4	- 27	- 150	- 139	- 347	- 180	- 192	- 64	- 70
Finlande	+ 6	- 12	- 17	+ 9	- 19	- 42	+ 20	+ 20	+ 16
Autriche	- 73	+ 8	- 123	- 51	- 190	- 396	- 684	»	»
Hongrie	»	»	- 60	- 236	- 184	- 164	- 646	»	- 73
Suisse	»	- 24	- 25	- 22	- 99	+ 69	+ 79	- 115	- 56
Allemagne	- 593	- 911	- 972	- 694	- 1.319	- 364	- 5	+ 330	- 264
Pays-Bas	- 7	- 18	- 68	- 17	- 69	- 75	- 176	+ 18	- 3
Belgique	+ 51	- 69	- 54	- 14	- 12	- 9	+ 33	- 180	+ 164
France	+ 105	+ 28	+ 89	+ 107	+ 161	+ 379	+ 213	+ 500	+ 1.962
Portugal	»	»	»	»	- 130	- 139	- 116	- 460	- 183
Espagne	»	»	- 334	- 225	- 162	- 79	- 785	+ 76	- 20
Italie	»	»	- 228	- 266	- 850	- 1.434	- 1.650	+ 577	- 1.770

1) Le signe + correspond à un excédent d'émigration.

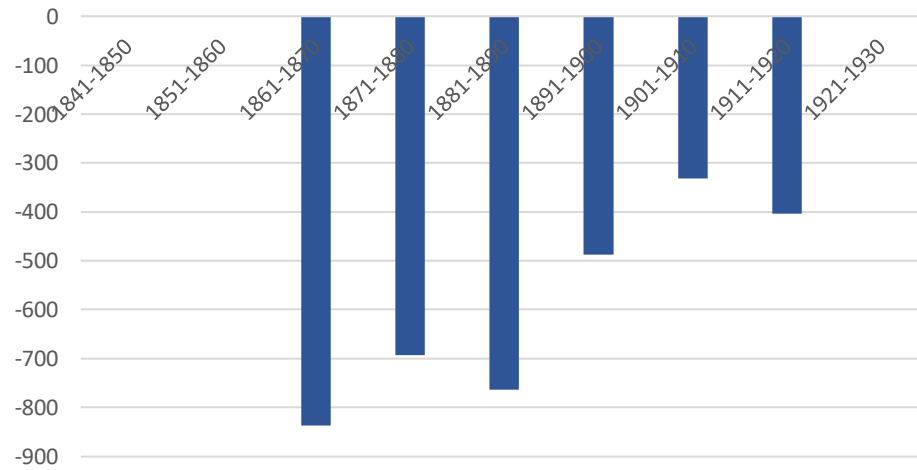
Germany



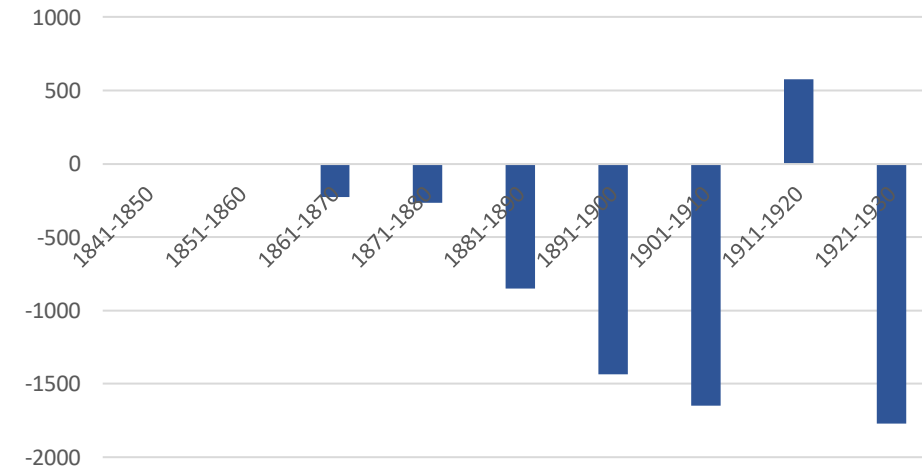
Sweden



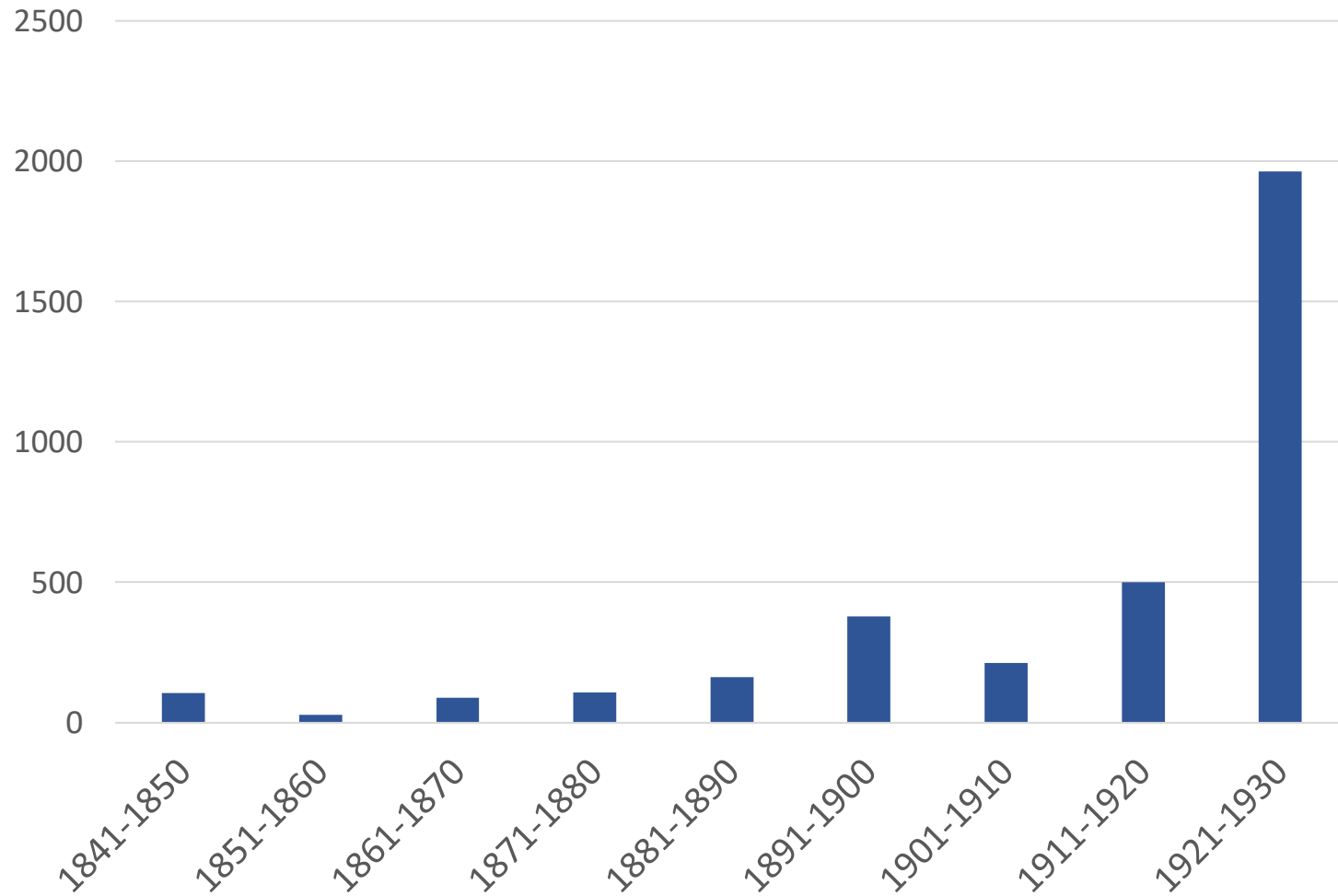
Ireland



Italy



France



Halbwachs and Sauvy 1936 [2005]

Application to the case of Malaysia

Population as of January 1, 2010 = 28,489 thousands

Population as of December 31, 2020 = 33,396 thousands

Births between January 1, 2010, and December 31, 2020 = 5,664 thousands

Deaths between January 1, 2010, and December 31, 2020 = 1,732 thousands

Application to the case of Malaysia

Population as of January 1, 2010 = 28,489 thousands

Population as of December 31, 2020 = 33,396 thousands

Births between January 1, 2010, and December 31, 2020 = 5,664 thousands

Deaths between January 1, 2010, and December 31, 2020 = 1,732 thousands

Net migration between January 1, 2010, and December 31, 2020 = 976 thousands

From the classic indirect estimation of net number of migrants flow...

$$\text{Total growth rate} = \frac{P_{t+1} - P_t}{t\left(\frac{P_t + P_{t+1}}{2}\right)} \times 1000$$

$$\text{Natural growth rate} = \frac{B_{t;t+1} - D_{t;t+1}}{t\left(\frac{P_t + P_{t+1}}{2}\right)} \times 1000$$

$$\text{Net migration rate} = \frac{I_{t;t+1} - E_{t;t+1}}{t\left(\frac{P_t + P_{t+1}}{2}\right)} \times 1000$$

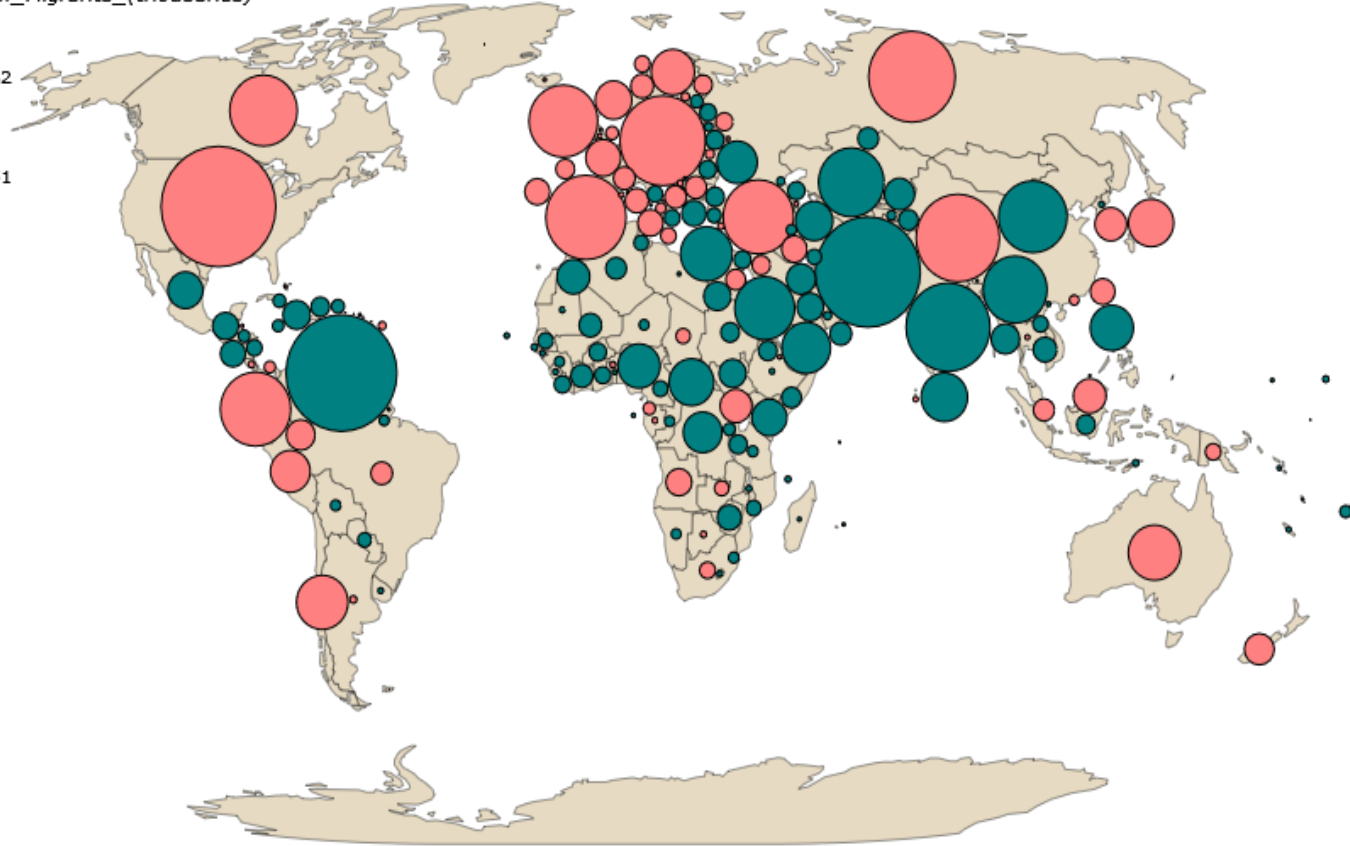
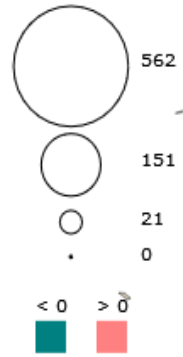
Application to the case of Malaysia

For 1000 inhabitants in Malaysia,

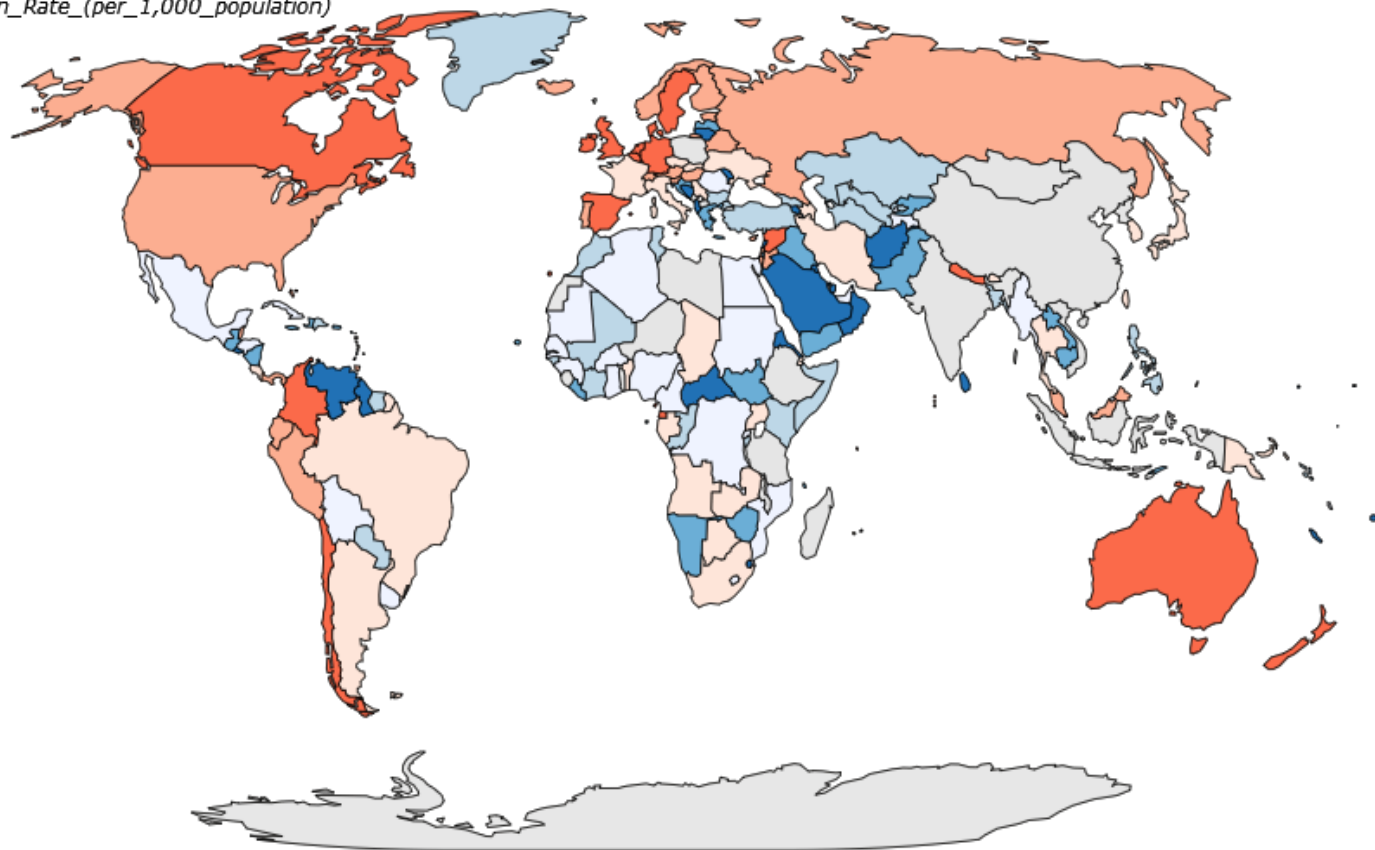
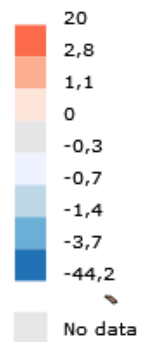
every year, 2.9 new inhabitants were added annually through international migration.

Note that the net migration rate for 2021, as depicted on the map, is 1.4 per 1,000 inhabitants

Net_Number_of_Migrants_(thousands)



Net_Migration_Rate_(per_1,000_population)



... to the recent standardization of the stock of life long international migrants

In most countries, censuses questionnaires ask information on country of birth

Basically, the information on the birth country of every inhabitant in Malaysia is available

The same info is also available in France, in Singapore, and in the South Africa

The world bank built a matrix called the *MigrationBilateralMatrix*

This matrix is basically a distribution of the population not leaving permanently in its country of birth by its country of residence.

Bilateral Estimates of Migrant Stock									
Destination country (across)	Hong Kong SAR, China	Hungary	Iceland	India	Indonesia	Iran, Islamic Rep.	Iraq	Ireland	Isle of
Source country (down)									
Madagascar	0	35	2	0	0	0	0	30	C
Malawi	0	2	4	0	0	0	0	293	C
Malaysia	15 511	104	37	12 317	2 315	0	0	4 501	C
Maldives	0	0	0	197	0	0	0	8	C
Mali	0	24	4	0	0	0	0	42	C
Malta	0	96	6	0	0	0	0	400	C
Marshall Islands	0	0	0	0	0	0	0	1	C
Mauritania	0	6	2	0	0	0	203	37	C
Mauritius	0	60	5	293	0	0	0	3 474	C
Mexico	0	536	102	0	0	0	0	838	C
Micronesia, Fed. Sts.	0	0	0	0	0	0	0	1	C
Moldova	0	257	28	0	0	0	0	4 072	C
Monaco	0	4	1	0	0	0	0	14	C
Mongolia	0	964	19	0	0	0	0	586	C
Montenegro	0	66	10	0	0	0	0	27	C
Morocco	0	259	174	0	0	0	597	676	C

... to the recent standardization of the stock of life long international migrants

This matrix is essentially a distribution of the population not permanently residing in its country of birth by its country of residence.

Thus, we have only recently obtained information on the number of emigrants by country of birth

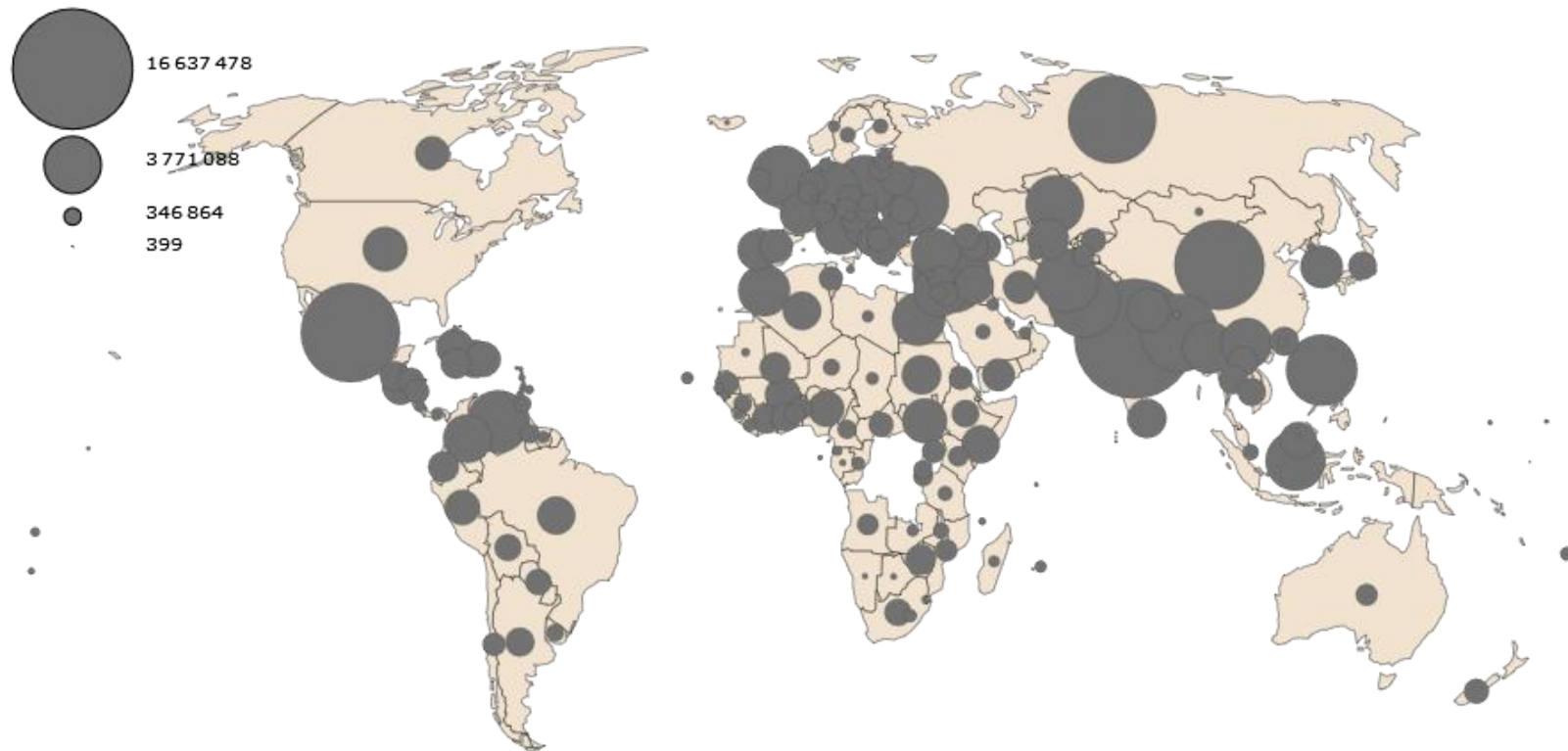
An essential statistical insight that migration researchers need to avoid relying solely on consular (partial) information.

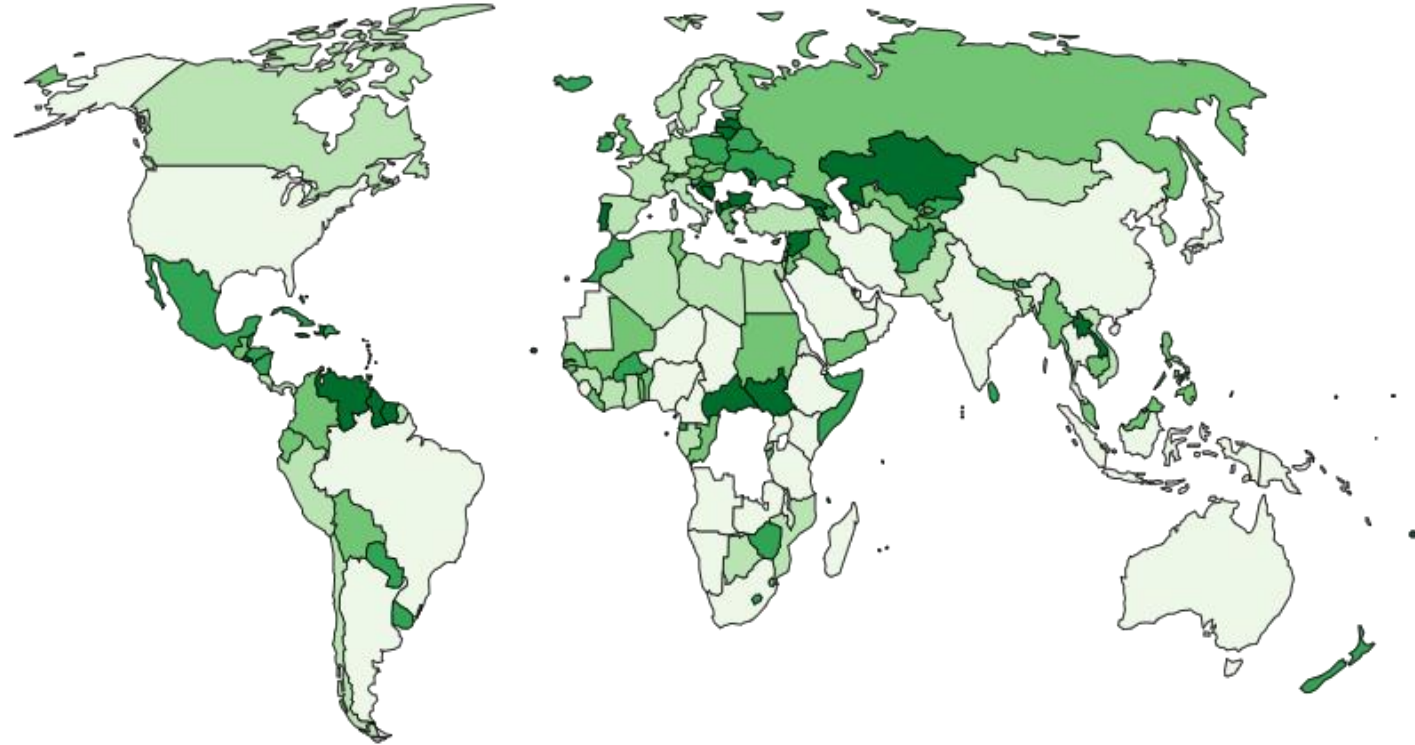
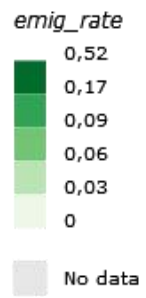
From the classic indirect estimation of net number of migrants flow...

$$\textit{Emigration rate} = \frac{\textit{Born in a country living in another country}}{\textit{Population living in the country}} \times 100$$

$$\textit{Immigration rate} = \frac{\textit{Foreign born}}{\textit{Population living in the country}} \times 100$$

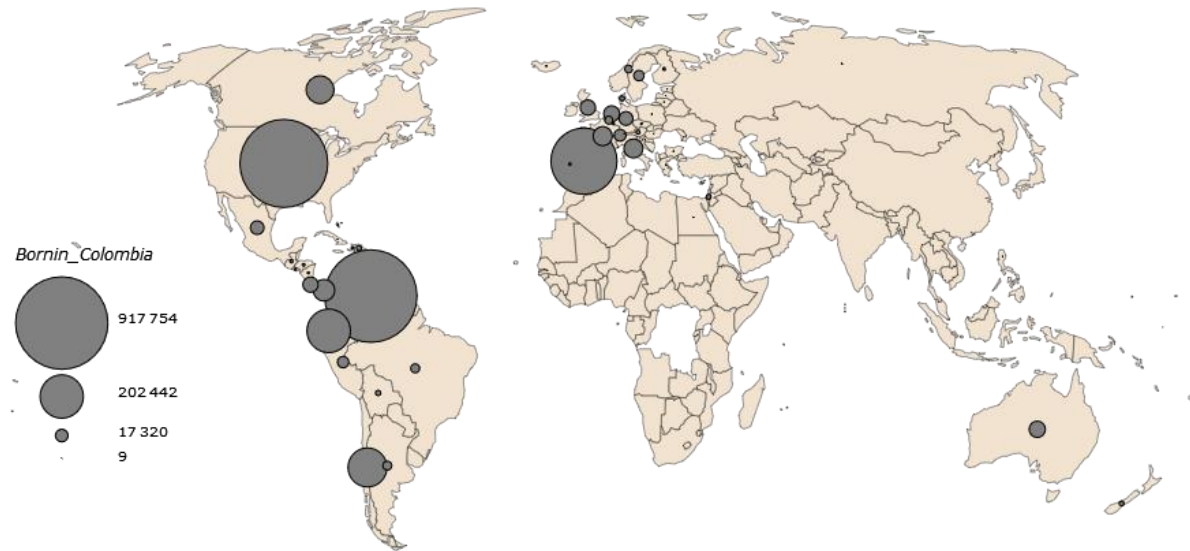
Emigrants_total





... to the recent standardization of the stock of life long international migrants

Thanks to the Bilateral Migration Matrix, it is possible to create a diaspora map for almost every country. For example, let's consider Colombia:



[2020 World Bank Migration Matrix Data Base](#)
[2020 World Bank Migration Rate Data Base](#)

05/12/2023

... to the recent standardization of the stock of life long international migrants

And, of course, you can map the distribution of lifelong international migrants by their country of birth.

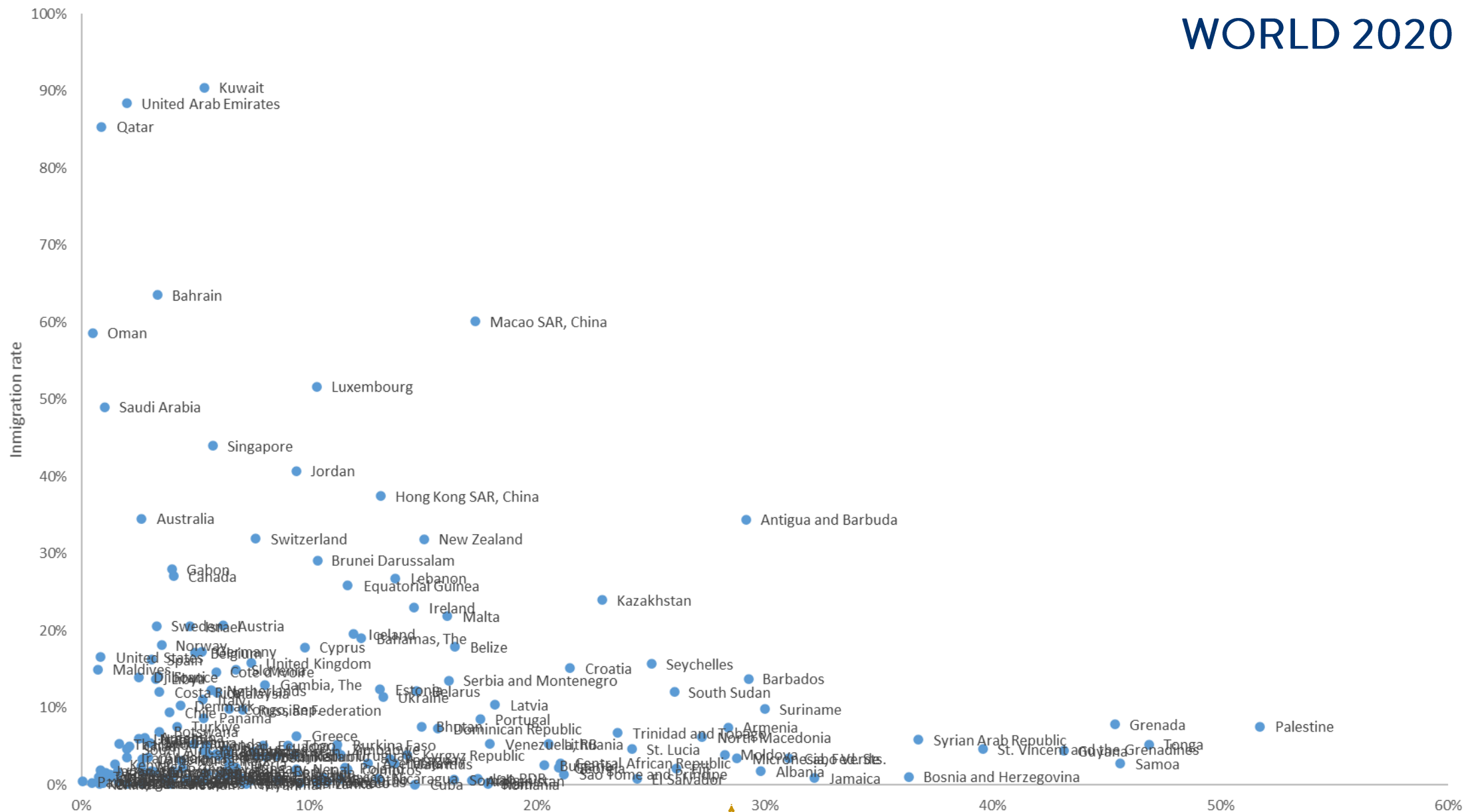
However, this information was already available through a single source, such as the census or population register

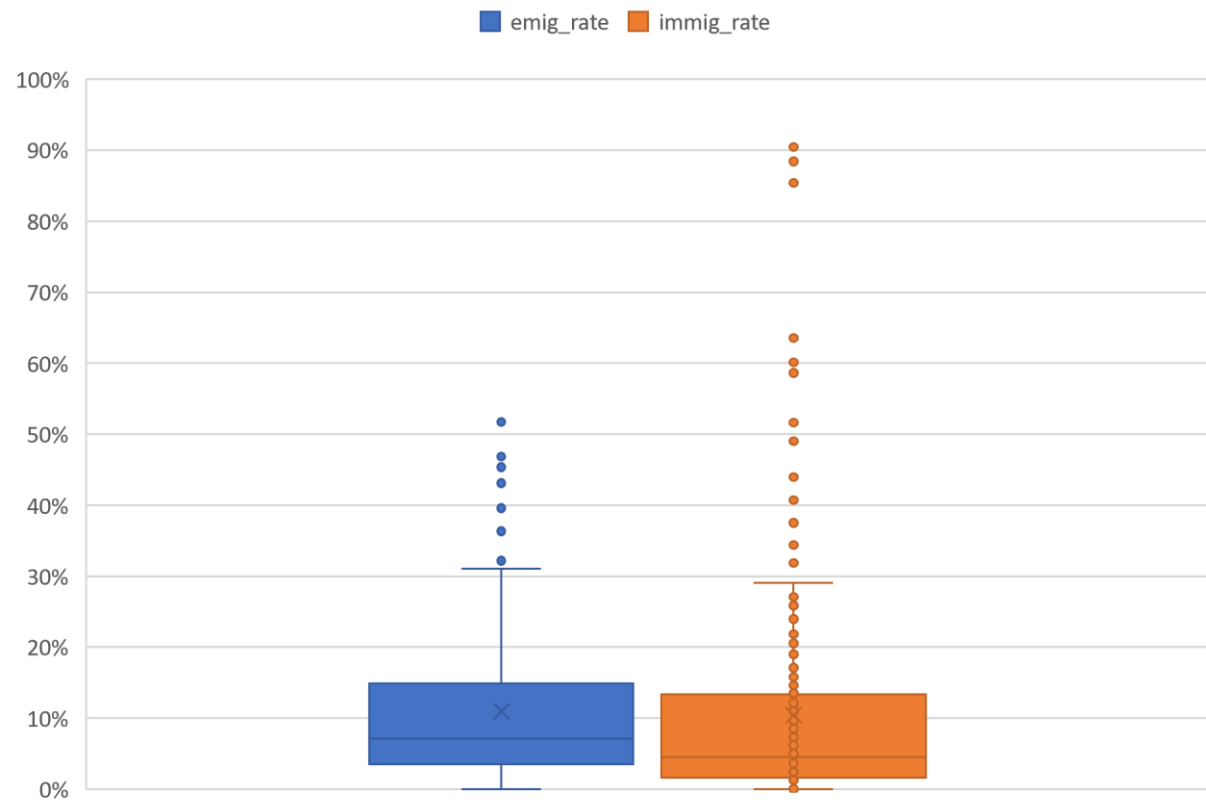
For example, in Colombia:



[2020 World Bank Migration Matrix Data Base](#)
[2020 World Bank Migration Rate Data Base](#)

WORLD 2020



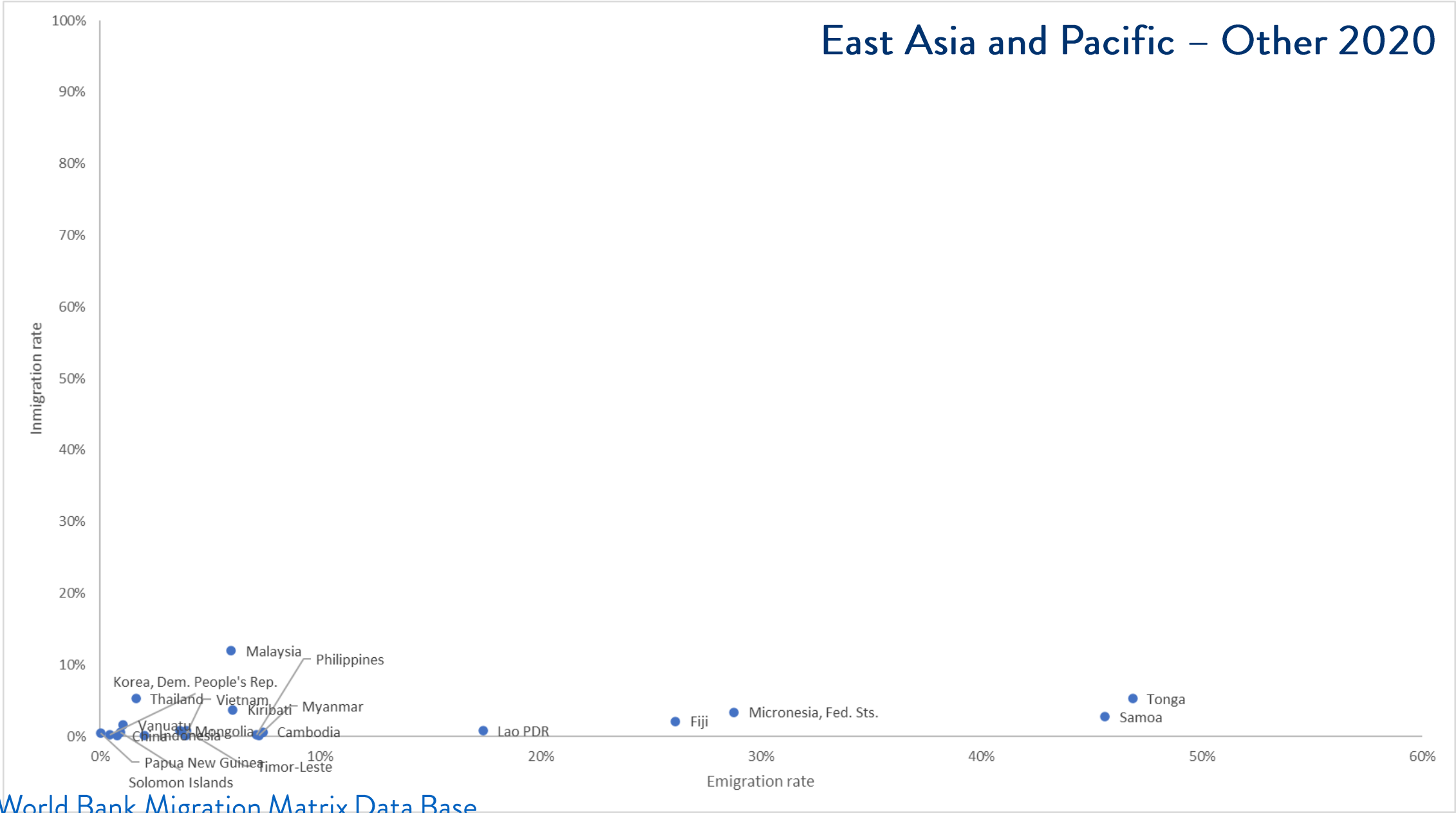


East Asia and Pacific - High-Income Countries 2020



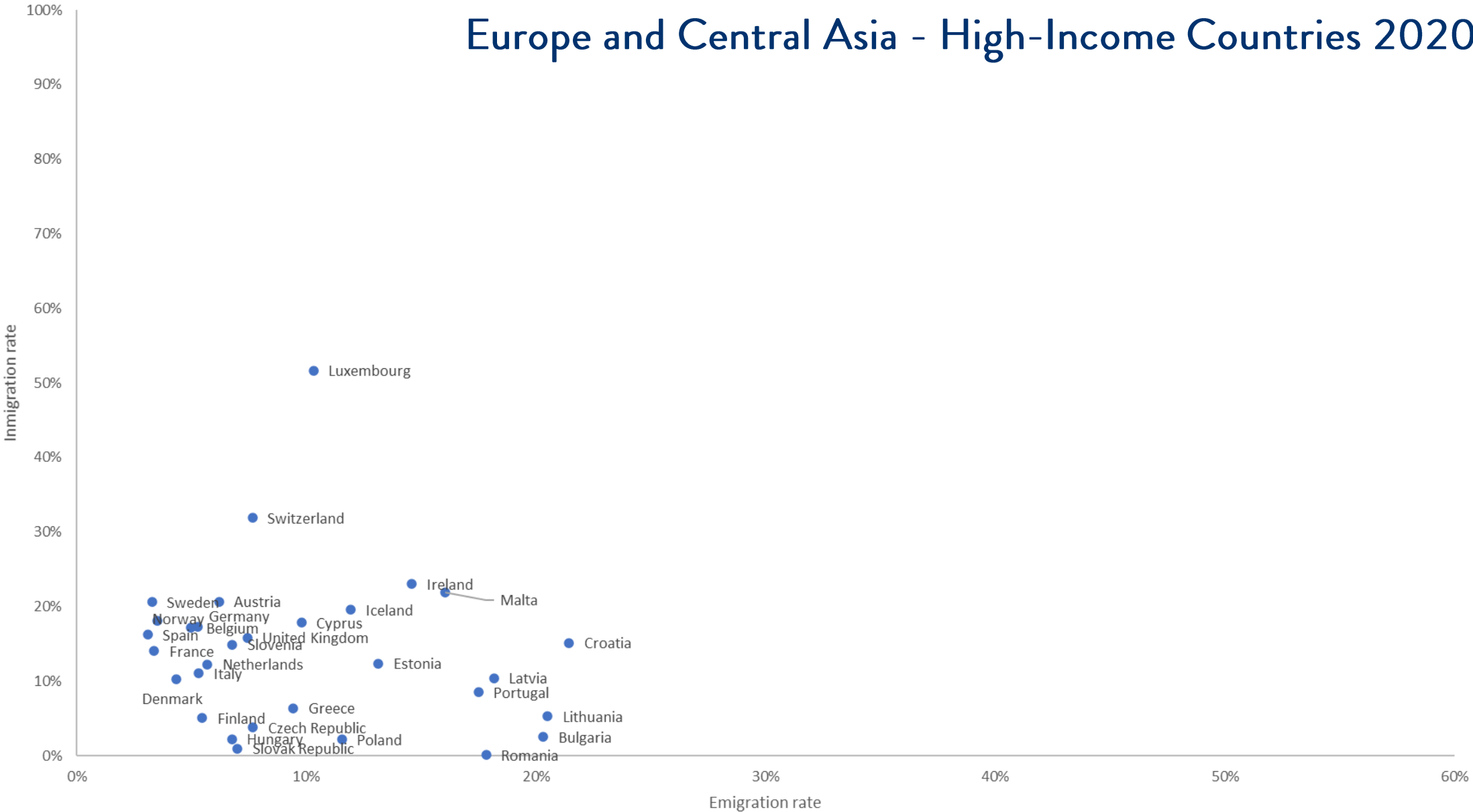
[2020 World Bank Migration Matrix Data Base](#)
[2020 World Bank Migration Rate Data Base](#)

East Asia and Pacific – Other 2020



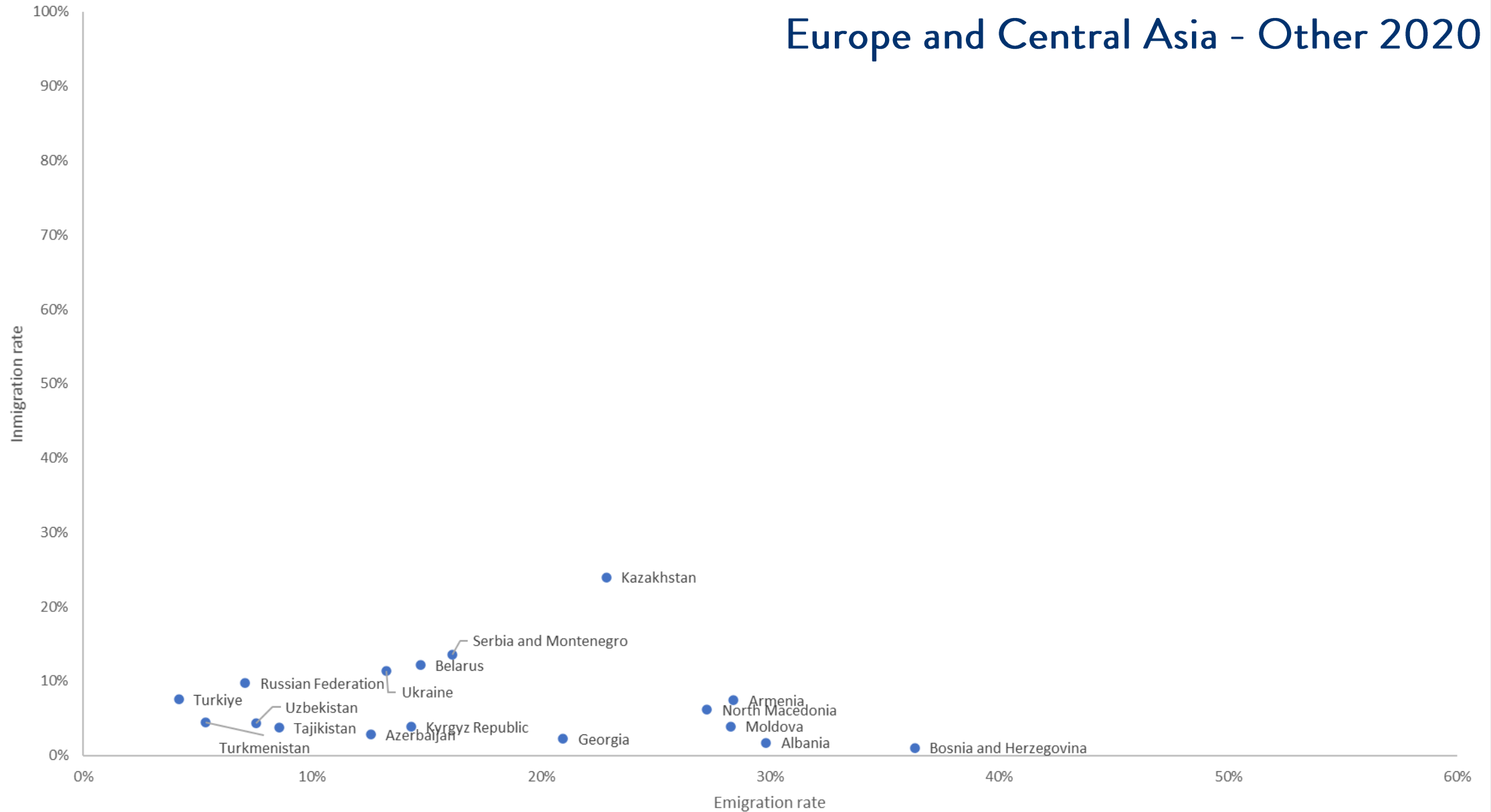
[2020 World Bank Migration Matrix Data Base](#)
[2020 World Bank Migration Rate Data Base](#)

Europe and Central Asia - High-Income Countries 2020

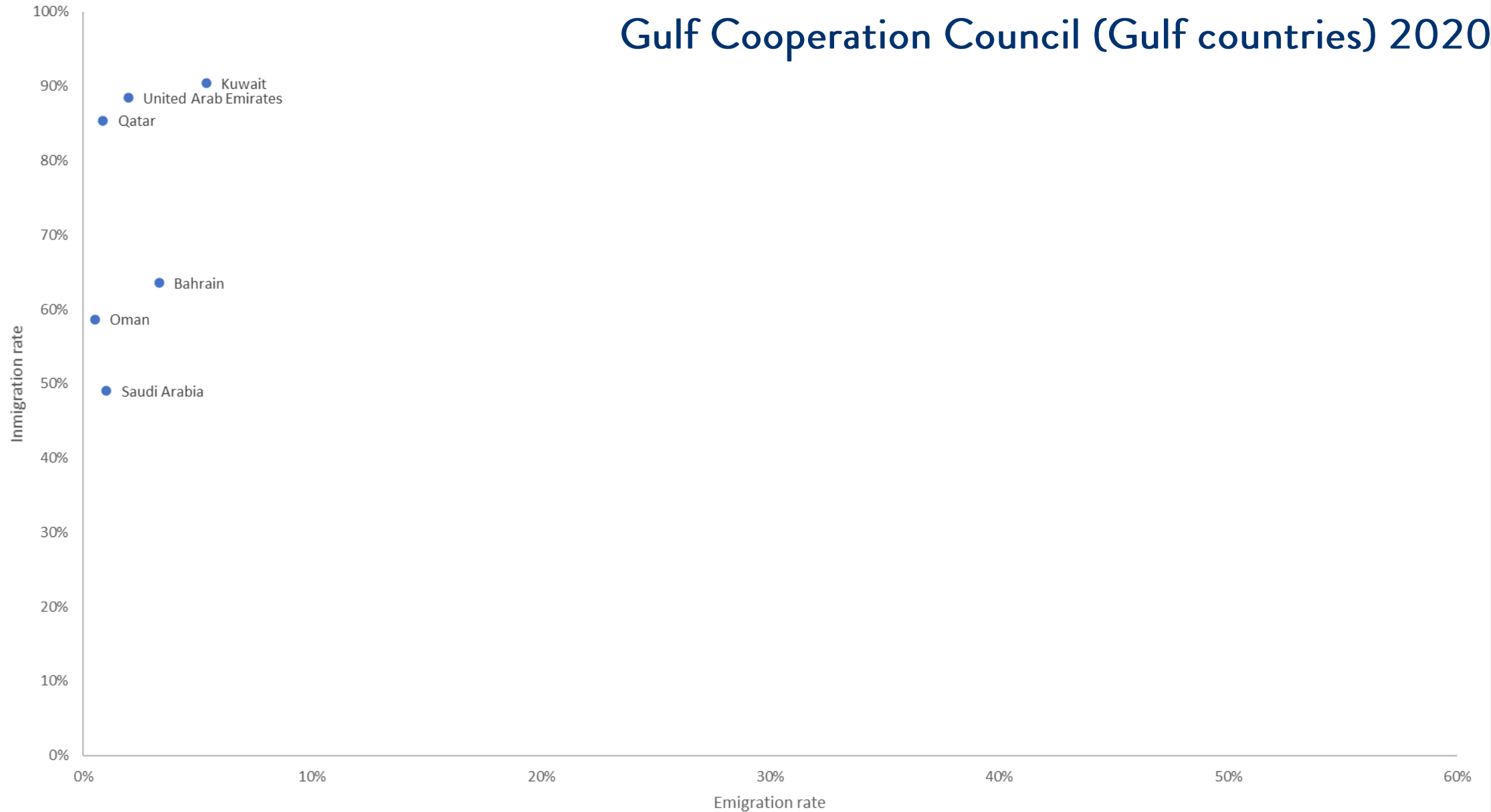


[2020 World Bank Migration Matrix Data Base](#)
[2020 World Bank Migration Rate Data Base](#)

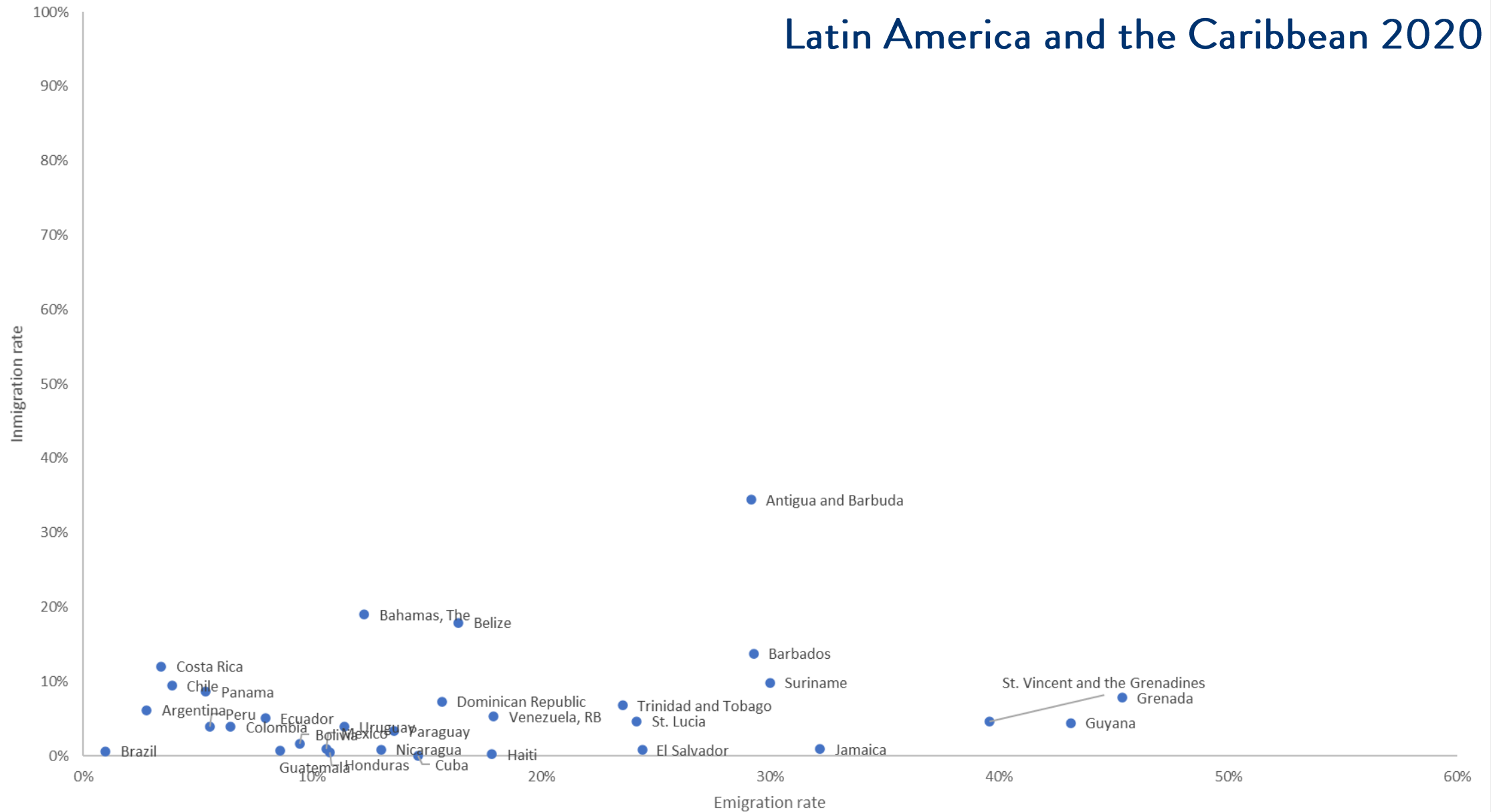
Europe and Central Asia - Other 2020



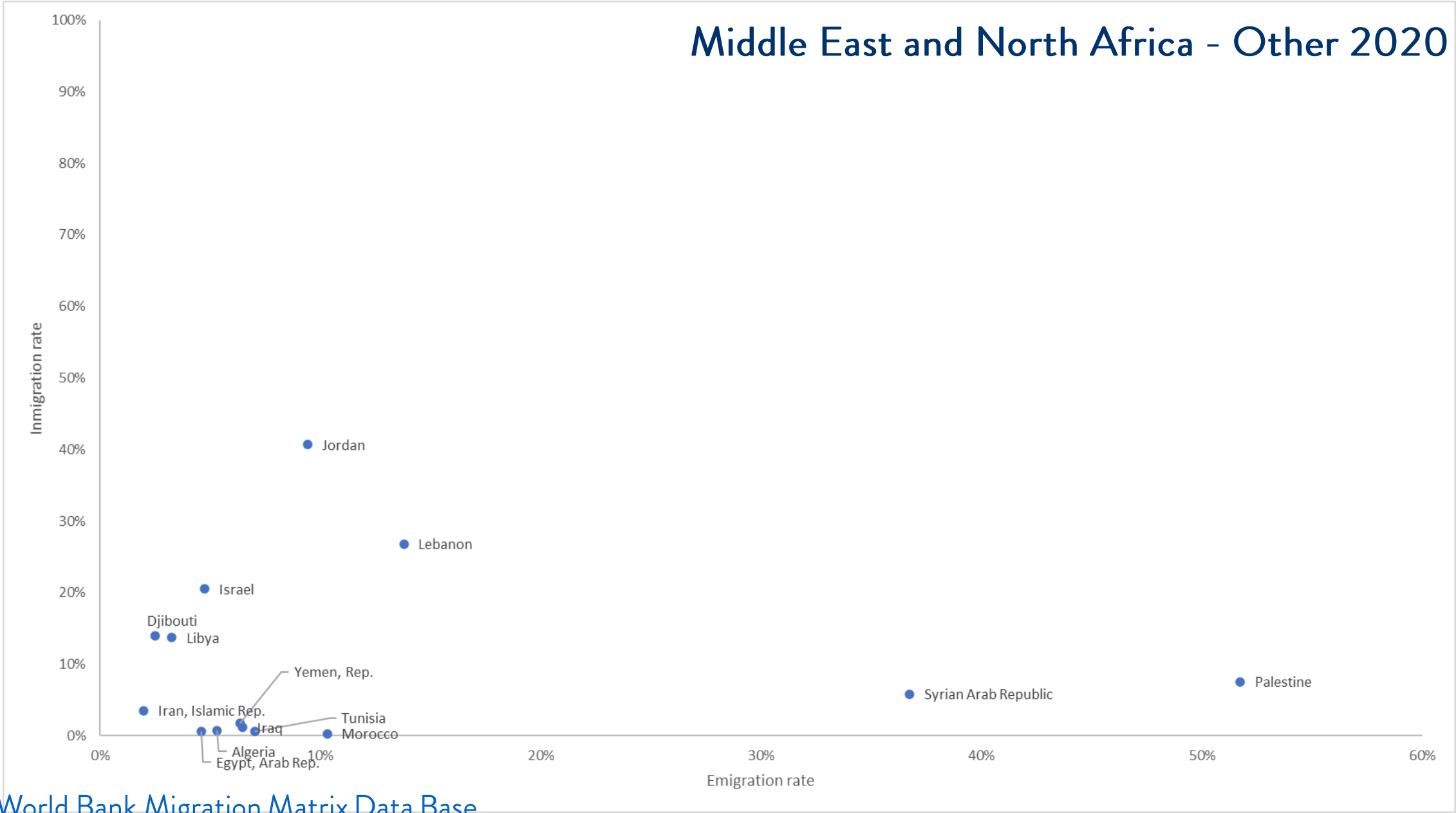
Gulf Cooperation Council (Gulf countries) 2020



Latin America and the Caribbean 2020

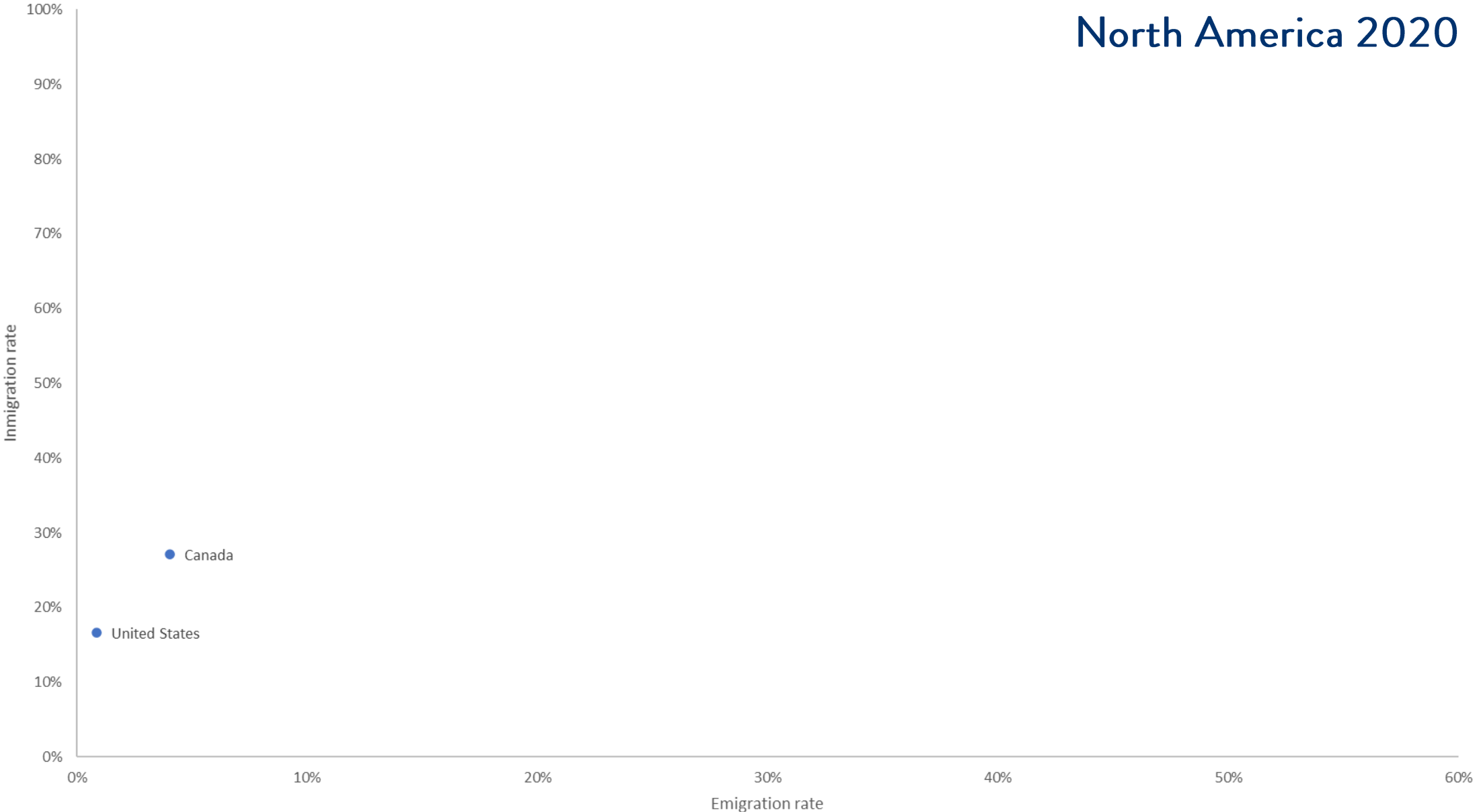


Middle East and North Africa - Other 2020

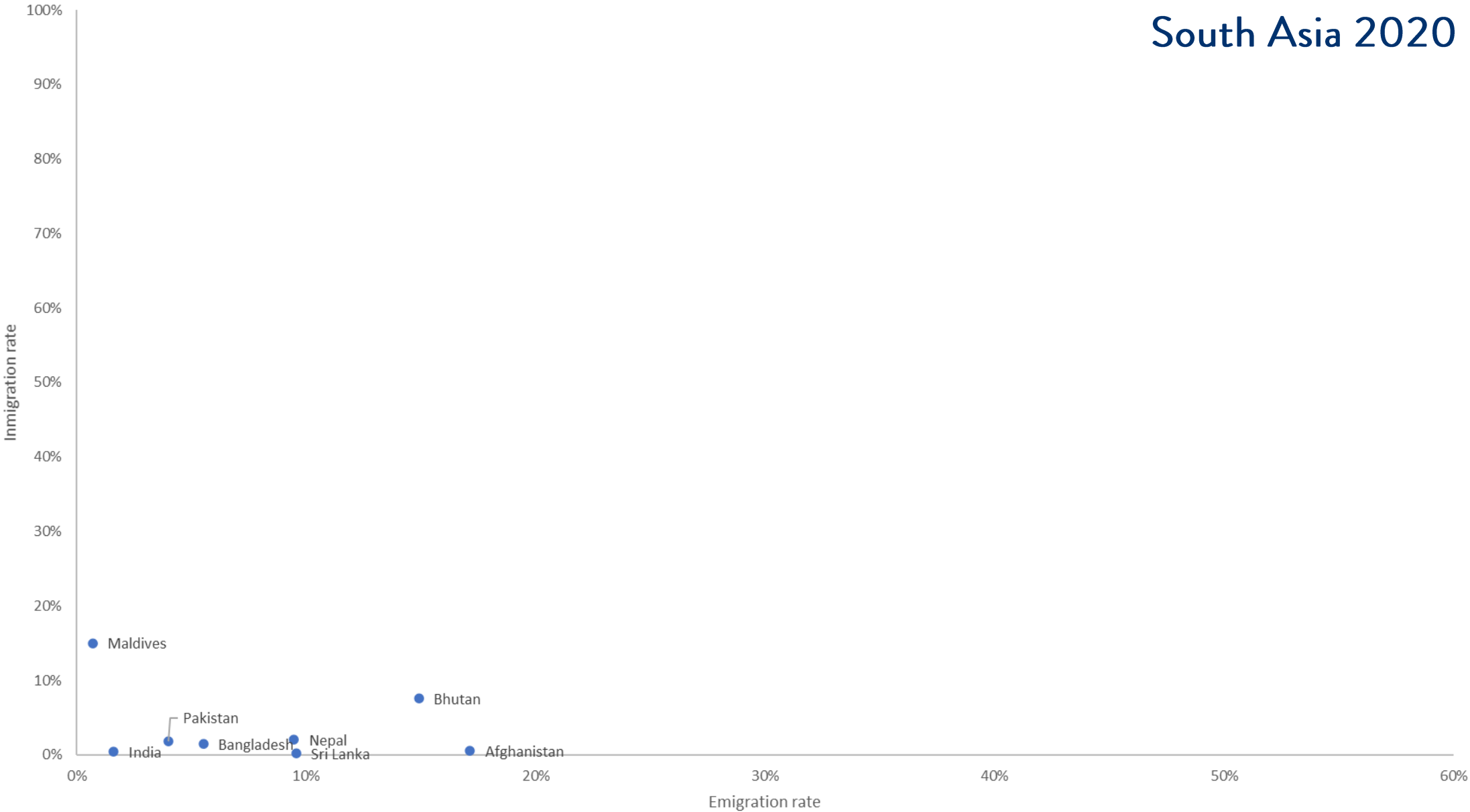


[2020 World Bank Migration Matrix Data Base](#)
[2020 World Bank Migration Rate Data Base](#)

North America 2020

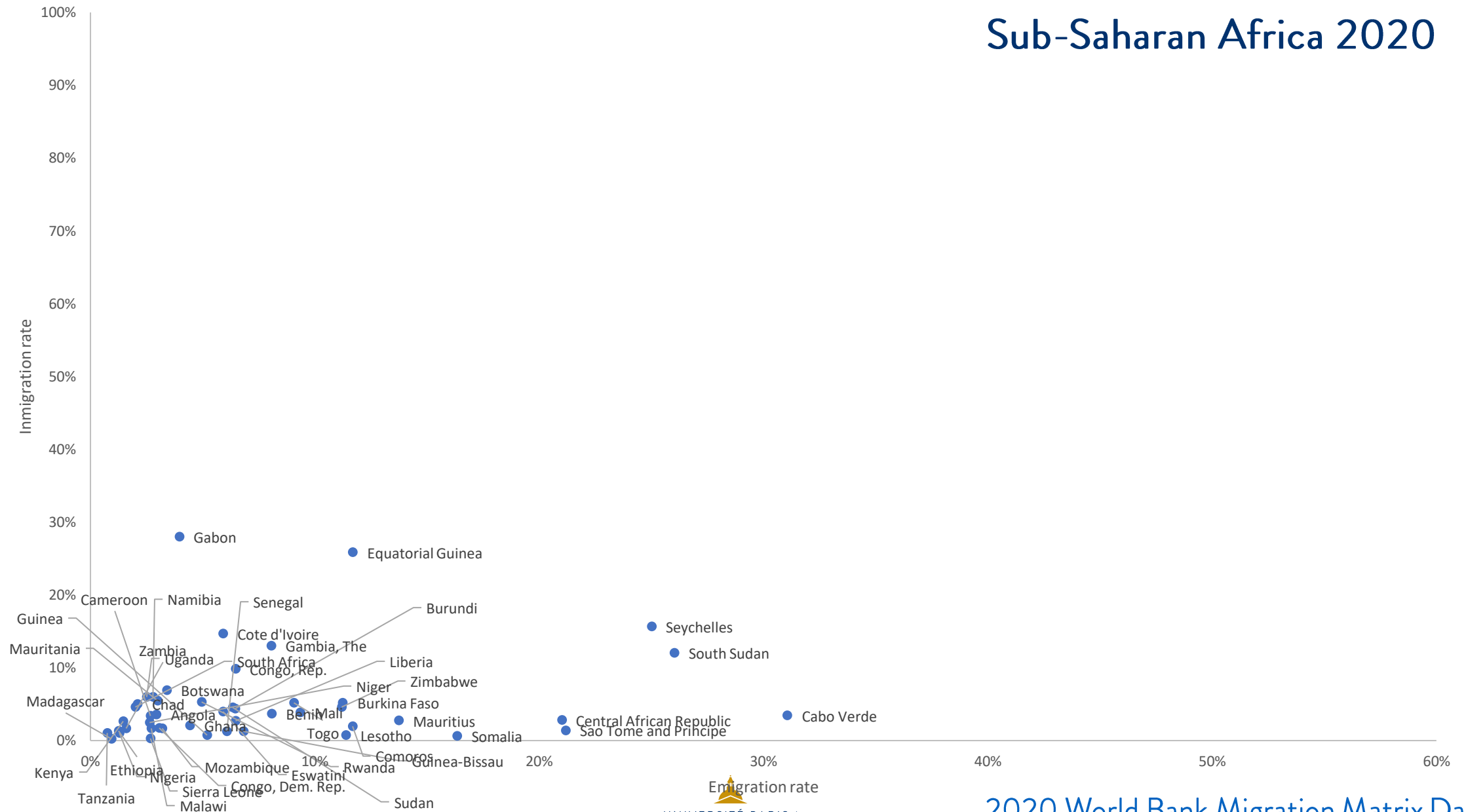


South Asia 2020



[2020 World Bank Migration Matrix Data Base](#)
[2020 World Bank Migration Rate Data Base](#)

Sub-Saharan Africa 2020



Refugees, Labor migration, Student migration: relevant categories ?

Migration is motivated by a plurality of factors

Simplifying mobility to mere administrative categories is an oversimplification and reductionism.

Individuals may assume various roles or statuses, including...

...being asylum seekers, precarious workers, undocumented individuals, students, or those seeking family reunification in Europe.

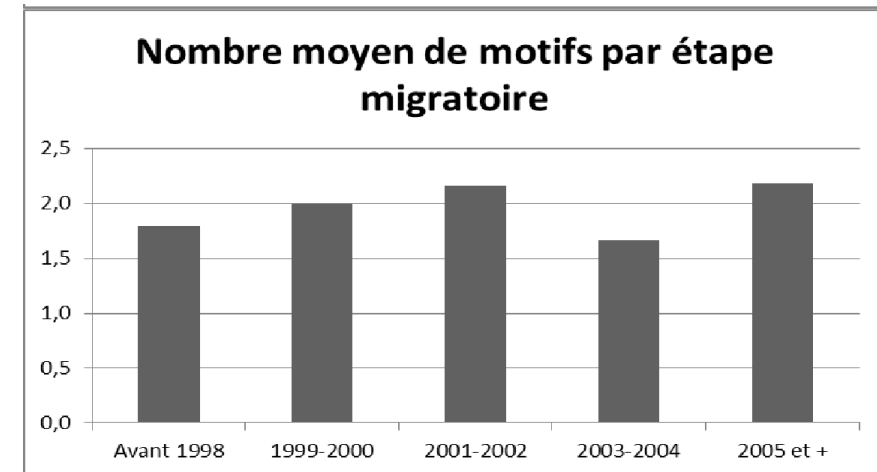
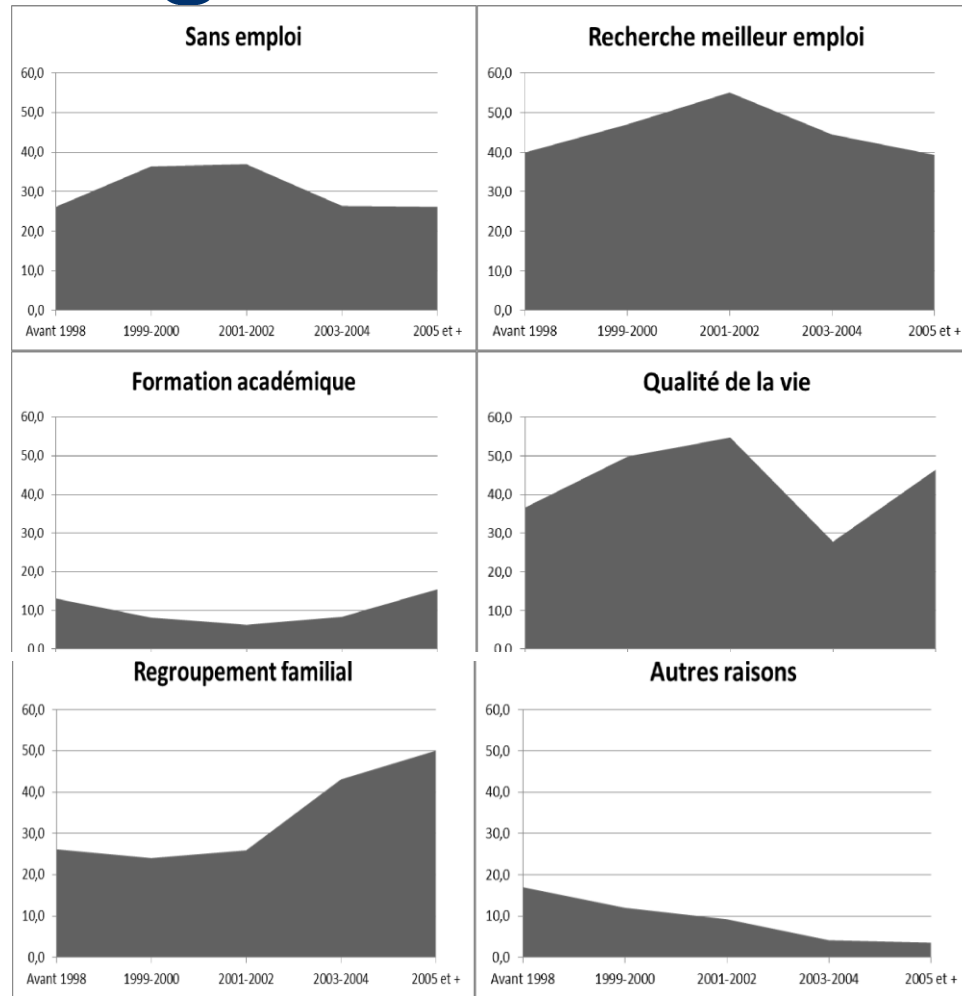
Refugees, Labor migration, Student migration: relevant categories ?

See also the example of Colombian migrants interviewed in the ENI survey in 2007

In the questionnaire, for every former country of residence, interviewees had to select one of the following motives to explain the reason for their stay in the country

The average number of reasons is greater than one.

Refugees, Labor migration, Student migration: relevant categories ?



Proportion of Colombians migrating to Spain for different reasons according to the period of arrival (ENI 2007, INE, Sierra-Paycha 2017)

Refugees, Labor migration, Student migration: relevant categories ?

“that refugee status is no more than an administrative category. A refugee is simply a person to whom the label has been applied [...] Considering the refugee as the product of a classification operation means not adopting the institution's response, not believing in the substance of the category and not thinking that it characterizes the experience of the people it groups together. [...] Take note of the performative dimension of nomination [...] Keep a safe distance from the polemical question of "true" and "false" [...] Why are some foreigners (refugees) more legitimate than others (migrants)? How is a refugee made?”

Refugees, Labor migration, Student migration: relevant categories ?

“the category of refugee is particularly prone to essentialization [...] because it has been naturalized by law, a powerful instrument of reification [...] Refugees are now “recognized” by asylum institutions, and this term is far from neutral. It evokes the idea of an already existing, pre-existing nature to the designation process. [...] This vision of the refugee reinforces the illusion that the refugee’s own experience is different from that of other foreigners [whereas the labelling of a certain population as refugees] is the product of historically and politically situated decisions, which inform more about those who designate than about those who are designated.”

Akoka 2020

05/12/2023

Refugees, Labor migration, Student migration: relevant categories ?

“Academic research is not immune to this essentialization, nor to the lack of distance from institutional categories [...] The refugee category also resists deconstruction because the fiction of the migrant/refugee dichotomy transcends the divide between supporters of closed and open migration policies. [...] In a context of restrictive migration policies, refugee status provides such rare and precious advantages to such vulnerable people that it is difficult to question. The fiction of the specificity of refugees saves the few remaining “legitimate” foreigners by keeping them at a distance from the illegitimacy of migrants” [...] Armed with good intentions, the researchers, experts and activists most critical of asylum and immigration policies are sometimes the first to participate in the naturalization of the refugee category”

Refugees, Labor migration, Student migration: relevant categories ?

Family reunification: a relevant category?

“The non-European foreigner holding a residence permit in France can be joined by their spouse and children. This is referred to as the family reunification procedure. Both the foreign applicant and the joining family must meet certain conditions. The family reunification procedure collectively applies to the following:

The adult spouse (18 years or older) of a foreigner residing in France,

and minor children (under 18 years of age).”

Refugees, Labor migration, Student migration: relevant categories ?

Labor migration : a relevant category ?

Many foreigners don't need special visas to work in France (EU residents)

Many non EU members work while undocumented

Not an exclusive motive

Refugees, Labor migration, Student migration: relevant categories ?

Student migration : a relevant category ?

Many foreigners don't need special visas to study in France (EU residents)

Many non EU members study while undocumented

Not an exclusive motive

Refugees, Labor migration, Student migration: relevant categories ?

The governmental categories assigned to migration are not necessarily relevant for analyzing migration patterns.

They may be more indicative of the level of governmental xenophobia, owing to the restrictiveness of these categories, rather than providing insights into the actual stocks and flows of migrants based on their motives

Even the notion of migration motive is under debate

2007 ENI
Survey
Spain
(INE)

PAÍSES	Pais 1 NOP01	Pais 2 NOP02	Pais 3 NOP03	Pais 4 NOP04
1 Pais	PTRS01 <input type="text"/>	PTRS02 <input type="text"/>	PTRS03 <input type="text"/>	PTRS04 <input type="text"/>
2 ¿En qué año empezó a vivir en (nombre)? (Si no sabe rellene el peine con ceros)	ANOP01 <input type="text"/>	ANOP02 <input type="text"/>	ANOP03 <input type="text"/>	ANOP04 <input type="text"/>
3 ¿Con quién se trasladó a este país? (Varias opciones de respuesta son posibles)				
Solo o con conocidos	SOLO01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	SOLO02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	SOLO03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	SOLO04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
Con la familia con la que convivía	FAM01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	FAM02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	FAM03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	FAM04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
Con parte de la familia con la que convivía	PFAM01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	PFAM02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	PFAM03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	PFAM04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
Con familiares con los que no convivía	FNC01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	FNC02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	FNC03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	FNC04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
4 ¿Por qué motivo se trasladó a este país? (Varias opciones de respuesta son posibles)				
Por jubilación	JUB01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	JUB02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	JUB03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	JUB04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
Por cambio de destino laboral	DSLA01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	DSLA02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	DSLA03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	DSLA04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
Por falta de empleo	FEMP01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	FEMP02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	FEMP03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	FEMP04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
Para buscar un empleo mejor	BEMP01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	BEMP02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	BEMP03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	BEMP04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
Por motivos políticos	POLI01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	POLI02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	POLI03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	POLI04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
Por motivos religiosos	RELI01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	RELI02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	RELI03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	RELI04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
Por razones formativas o educativas	EDUC01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	EDUC02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	EDUC03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	EDUC04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
Por la calidad de vida	CALV01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	CALV02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	CALV03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	CALV04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
Por razones familiares (reagrupación familiar...)	REAG01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	REAG02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	REAG03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	REAG04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
Por el coste de vida	COST01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	COST02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	COST03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	COST04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
Por el clima	CLIM01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	CLIM02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	CLIM03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	CLIM04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
Por estancia temporal en país de tránsito	TRNS01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	TRNS02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	TRNS03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	TRNS04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No
Por otras razones	OTRS01 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	OTRS02 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	OTRS03 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No	OTRS04 <input type="checkbox"/> 1 Sí <input type="checkbox"/> 6 No

Refugees, Labor migration, Student migration: relevant categories ?

Even the notion of migration motive is under debate

The pitfall of biographical illusion

Life-event histories surveys

“Instead of inquiring about the reasons for migration, it is useful to develop tables that cross-reference migration with various types of events” (Courgeau 1988)

Années AGE	Historique résidentiel et administratif		Emploi et conditions de vie		Dépistage et histoire avec le VIH		Parcours de transition		Santé mentale		Violences subies		Histoire des relations		Autres événements marquants		Années	
	Pays	Nationalité	Titres de séjour (France)	Activités Prof.	Logement	Dépistages VIH réalisés	Année du diagnostic et mise sous traitement	Année où vous vous êtes identifiés en tant que femme trans ?	Injections	Hormones	Opérations chirurgicales	1. Projets de suicide 2. Tentatives de Suicide	1. Psychologique 2. Physique 3. Sexuelles	Relations tarifées	Relations amoureuses			
2021			5	6	↑													2021
2020			↑	↑	↑													2020
2019			↑	↑	↑													2019
2018			↑	↑	↑													2018
2017			↑	↑	↑													2017
2016			↑	↑	↑													2016
2015			↑	↑	↑													2015
2014			↑	↑	↑													2014
2013			↑	↑	↑													2013
2012			↑	↑	↑													2012
2011			↑	↑	↑													2011
2010			↑	↑	↑													2010
2009			↑	↑	↑													2009
2008			↑	↑	↑													2008
2007			↑	↑	↑													2007
2006			↑	↑	↑													2006
2005			↑	↑	↑													2005
2004	FRANCE		2	3	↑	2	12		-1	2, 5								2004
2003			↑	↑	↑													2003
2002			↑	↑	↑													2002
2001			↑	↑	↑													2001
2000			↑	↑	↑													2000
1999			↑	↑	↑													1999
1998			↑	↑	↑													1998
1997			↑	↑	↑													1997
1996			↑	↑	↑													1996
1995			↑	↑	↑													1995
1994			↑	↑	↑													1994
1993			↑	↑	↑													1993
1992			↑	↑	↑													1992
1991			↑	↑	↑													1991
1990			↑	↑	↑													1990
1989			↑	↑	↑													1989
1988			↑	↑	↑													1988
1987			↑	↑	↑													1987
1986			↑	↑	↑													1986
1985			↑	↑	↑													1985
1984			↑	↑	↑													1984
1983			↑	↑	↑													1983
1982			↑	↑	↑													1982
1981			↑	↑	↑													1981
1980			↑	↑	↑													1980
1979			↑	↑	↑													1979
1978			↑	↑	↑													1978
1977			↑	↑	↑													1977
1976			↑	↑	↑													1976
1975			↑	↑	↑													1975
1974			↑	↑	↑													1974
1973			↑	↑	↑													1973
1972			↑	↑	↑													1972
1971			↑	↑	↑													1971
1970			↑	↑	↑													1970
1969			↑	↑	↑													1969
1968			↑	↑	↑													1968
1967			↑	↑	↑													1967
1966			↑	↑	↑													1966
1965			↑	↑	↑													1965
1964			↑	↑	↑													1964
1963			↑	↑	↑													1963
1962			↑	↑	↑													1962
1961			↑	↑	↑													1961
1960			↑	↑	↑													1960
1959			↑	↑	↑													1959
1958			↑	↑	↑													1958
1957			↑	↑	↑													1957
1956			↑	↑	↑													1956
1955			↑	↑	↑													1955
1954			↑	↑	↑													1954
1953			↑	↑	↑													1953
1952			↑	↑	↑													1952
1951			↑	↑	↑													1951
1950			↑	↑	↑													1950
1949			↑	↑	↑													1949
1948			↑	↑	↑													1948
1947			↑	↑	↑													1947
1946			↑	↑	↑													1946
1945			↑	↑	↑													1945
1944			↑	↑	↑													1944
1943			↑	↑	↑													1943
1942			↑	↑	↑													1942
1941			↑	↑	↑													1941
1940			↑	↑	↑													1940
1939			↑	↑	↑													1939
1938			↑	↑	↑													1938
1937			↑	↑	↑													1937
1936			↑	↑	↑													1936
1935			↑	↑	↑													1935
1934			↑	↑	↑													1934
1933			↑	↑	↑													1933
1932			↑	↑	↑													1932
1931			↑	↑	↑													1931
1930			↑	↑	↑													1930

2020
Trans-HIV
Survey
France
(SESSTIM)

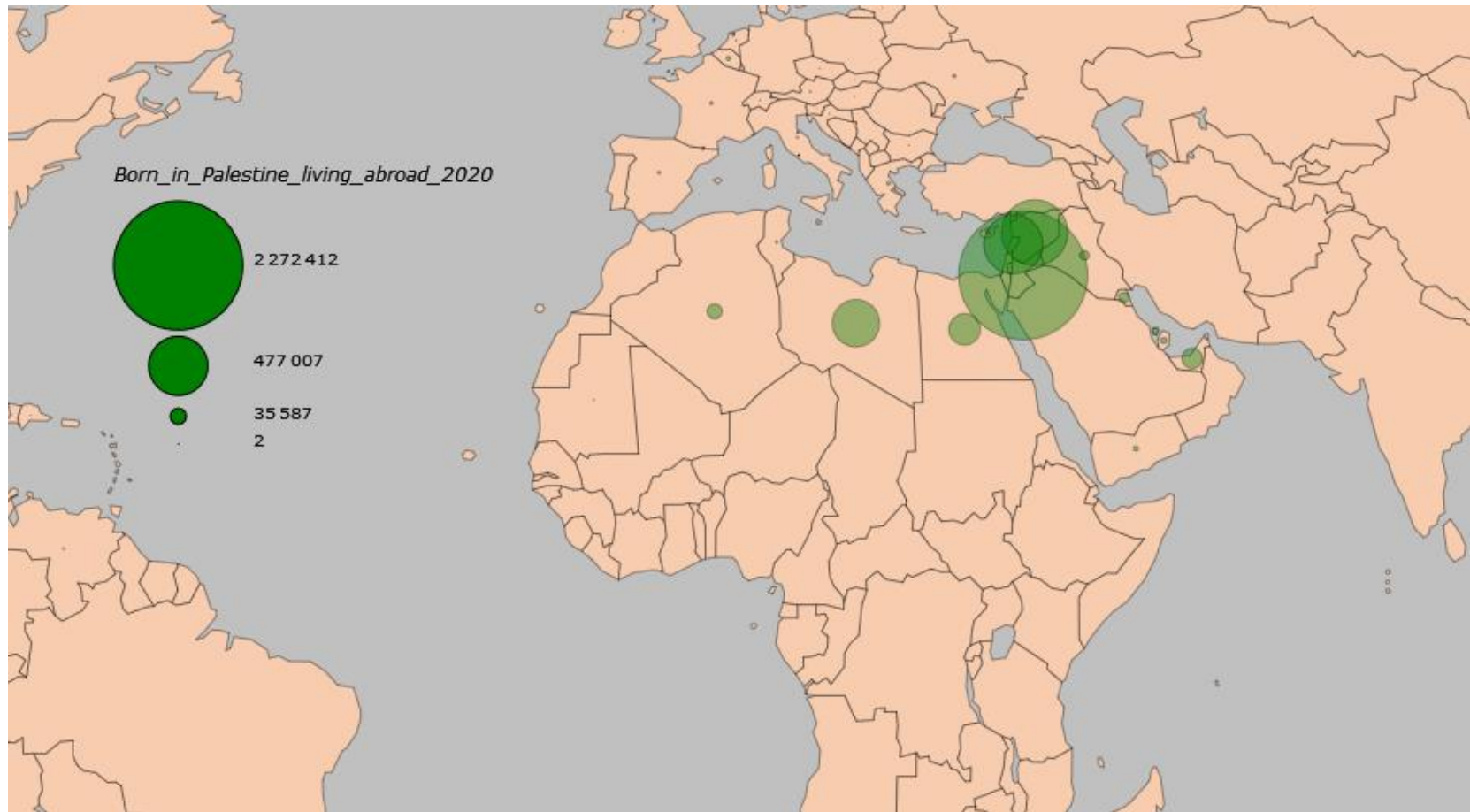
Practical exercise on the Migration Data Base

Connect to that link:

<https://cours.univ-paris1.fr/course/view.php?id=36053>

Thank you!

celio.sierra-paycha@univ-paris1.fr





UNIVERSITÉ PARIS 1

PANTHÉON SORBONNE
