

Plan du webinar

- 1) Qu'est-ce qu'IPUMS International?
 - 2) Comment obtenir des données en ligne
 - Compte d'utilisateur et enregistrement
 - Navigation et sélection de variables
 - Téléchargement de données
- Questions et réponses

Logistique Zoom

- **Le webinaire est enregistré** et sera mis en ligne
- La transcription de la séance de questions et réponses et les diapos seront mises en ligne
- Sous-titres en temps réel générés via l'option "CC"
- Posez vos questions techniques Zoom à l'hôte (IPUMS)
- Posez vos questions de contenu en utilisant l'outil Q&A

D'abord, qu'est-ce qu'IPUMS

- IPUMS **intègre** des microdonnées de recensement et d'enquête du monde entier.
- L'intégration facilite l'étude (comparative) des changements (temps) et des variations (espace).
- Échantillons nationaux, données à plusieurs niveaux d'analyse (individu, famille/ménage, communauté, région).
- Les données IPUMS sont **disponibles gratuitement**.



U.S. Census and American Community Survey microdata from 1850 to the present. [Learn More](#)

VISIT SITE



Current Population Survey microdata including basic monthly surveys and supplements from 1962 to the present. [Learn More](#)

VISIT SITE



World's largest collection of census microdata covering over 100 countries, contemporary and historical. [Learn More](#)

VISIT SITE



Health survey data for Africa and Asia, including harmonized data collections for [DHS](#), [MICS](#), and [PMA](#). [Learn More](#)

VISIT SITE



Tabular U.S. Census data and GIS boundary files from 1790 to the present. [Learn More](#)

VISIT SITE



Tabular and GIS data from population, housing, and agricultural censuses around the world. [Learn More](#)

VISIT SITE



Historical and contemporary time use data from 1930 to the present. [Learn More](#)

VISIT SITE



Historical and contemporary U.S. health survey data from [NHIS](#) (1963-present) and [MEPS](#) (1996-present). [Learn More](#)

VISIT SITE



Survey data on the science and engineering workforce in the U.S. from 1993 to the present. [Learn More](#)

VISIT SITE



IPUMS INTERNATIONAL

- ABOUT
- INTERNATIONAL PARTNERS
- REGISTER
- DONATE TO IPUMS

DATA

- BROWSE AND SELECT DATA
- ANALYZE DATA ONLINE
- DOWNLOAD OR REVISE MY DATA

SUPPLEMENTAL DATA

- GEOGRAPHY & GIS
- FERTILITY, MORTALITY, MIGRATION
- RESEARCH DATA ENCLAVE

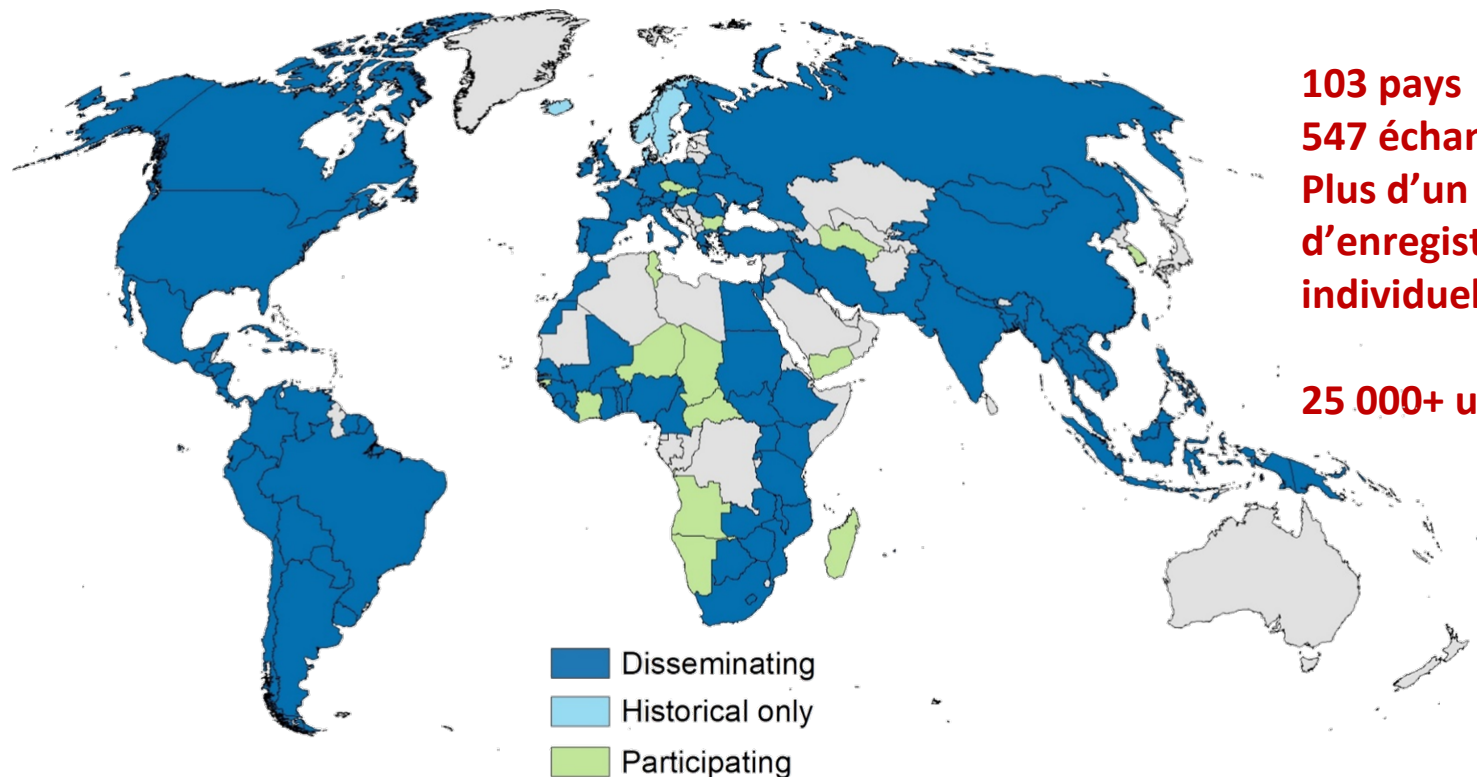
HARMONIZED INTERNATIONAL CENSUS DATA FOR SOCIAL SCIENCE AND HEALTH RESEARCH

IPUMS International is dedicated to collecting and distributing census microdata from around the world. The project goals are to collect and preserve data and documentation, harmonize data, and disseminate the harmonized data free of charge.

103 COUNTRIES - 547 CENSUSES AND SURVEYS - OVER 1 BILLION PERSON RECORDS

Microdonnées disponibles grâce à la générosité d'instituts statistiques nationaux partout au monde

Microdonnées IPUMS-International



Microdonnées de recensement et d'enquête généreusement partagées par des instituts statistiques nationaux

Partenariats internationaux

IPUMS

— INSTITUTE FOR —
**SOCIAL RESEARCH
& DATA INNOVATION**



UNIVERSITY OF MINNESOTA



IPUMS
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Partenariats internationaux

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— INSTITUTE FOR —
**SOCIAL RESEARCH
& DATA INNOVATION**



UNIVERSITY OF MINNESOTA

 **Statistics
South Africa**



KNBS
KENYA NATIONAL
BUREAU OF STATISTICS



An
**Phríomh-Oifig
Staidrimh**

Central
Statistics
Office



 **ČESKÝ
STATISTICKÝ
ÚŘAD**



**INSTITUTO NACIONAL
DE ESTADÍSTICA Y GEOGRAFÍA**



IPUMS
INTERNATIONAL



**Collecte et préservation
de données**

Khartoum, CBS-Sudan

Bangladesh Bureau of Statistics

COPY
CTL MRG OUTPUT
DIST - RAJSHAHI-80
27/1/89
-5984 ✓
11/1/86
11/2/84

5984

গণনা পদ্ধতি	১
সংরক্ষণ পদ্ধতি	১
১ ডিস্ক ৪১ ডিস্ক	১০০ ডিস্ক

CERTIFIED
6250 BPI

CTL MERGE TAPE
DIST- PABNA-2

Échantillons de microdonnées IPUMS International

IPUMS

- Individus (personnes) classés à l'intérieur de ménages (maisonnées)
- Échantillons à haute densité (~10% de la population)
- Diffuse toutes les variables mesurées lors des recensements

Microdonnées pour la recherche

- Désagrégation à plusieurs niveaux et échelles
- Indicateurs et mesures sophistiqués
- Analyses et devis statistiques avancés

	AGE	SEX	EDUC	OCC	
001101	31	2071011	1100025	4100001	621210010100203100001001101004100000110010.
001102	27	2061012	2021019	4100001	333010010020203100001001101002100000400101.
001103	01	1011103	1100100	1100001	00001001010101010100001010101010100001010010.
001104	18	2041057	2100100	4002840	000010010020210100001010020210100000310010.
002101	46	2101041	2023025	3100001	914110010020203100001001101002100000400301.
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008104	11	1031107	1100100	3002250	0000100101010101010000101010101010100001010010.
009101	85	2151051	1100100	3100001	744210010020207100001003101001100000110010.



Harmonisation de variables

Statut matrimonial: MARST

Harmonisation de variables

Statut matrimonial : MARST

Bangladesh 2011

- 1 = Unmarried
- 2 = Married
- 3 = Widowed
- 4 = Divorced/separated

Mexico 1970

- 1 = Married, civil & relig
- 2 = Married, civil
- 3 = Married, religious
- 4 = Consensual union
- 5 = Widowed
- 6 = Divorced
- 7 = Separated
- 8 = Single

Kenya 1999

- 1 = Never married
- 2 = Monogamous
- 3 = Polygamous
- 4 = Widowed
- 5 = Divorced
- 6 = Separated

Données brutes

**Bangladesh
2011**

**Mexico
1970**

**Kenya
1999**

1 = Unmarried	1 = Married, civil & relig	1 = Never married
2 = Married	2 = Married, civil	2 = Monogamous
3 = Widowed	3 = Married, religious	3 = Polygamous
4 = Divrc or separated	4 = Consensual union	4 = Widowed
	5 = Widowed	5 = Divorced
	6 = Divorced	6 = Separated
	7 = Separated	
	8 = Single	

Harmonisation

Données brutes

Code	Label	Bangladesh 2011	Mexico 1970	Kenya 1999
		1 = Unmarried	1 = Married, civil & relig	1 = Never married
		2 = Married	2 = Married, civil	2 = Monogamous
		3 = Widowed	3 = Married, religious	3 = Polygamous
		4 = Divrc or separated	4 = Consensual union	4 = Widowed
			5 = Widowed	5 = Divorced
			6 = Divorced	6 = Separated
			7 = Separated	
			8 = Single	



Harmonisation

Données brutes

Code	Label	Bangladesh 2011	Mexico 1970	Kenya 1999
		1 = Unmarried	8 = Single	1 = Never married
		2 = Married		
			2 = Married, civil	
			3 = Married, religious	
			1 = Married, civil & relig	
				2 = Monogamous
				3 = Polygamous
			4 = Consensual union	
		4 = Divrc or separated		
			7 = Separated	6 = Separated
			6 = Divorced	5 = Divorced
		3 = Widowed	5 = Widowed	4 = Widowed



Harmonisation

Données brutes

Code	Label	Bangladesh 2011	Mexico 1970	Kenya 1999
1 0 0	Single	1 = Unmarried	8 = Single	1 = Never married
		2 = Married		
			2 = Married, civil	
			3 = Married, religious	
			1 = Married, civil & relig	
				2 = Monogamous
				3 = Polygamous
			4 = Consensual union	
		4 = Divrc or separated		
			7 = Separated	6 = Separated
			6 = Divorced	5 = Divorced
		3 = Widowed	5 = Widowed	4 = Widowed



Harmonisation

Données brutes

Code	Label	Bangladesh 2011	Mexico 1970	Kenya 1999
1 0 0	Single	1 = Unmarried	8 = Single	1 = Never married
2 0 0	Married or in union	2 = Married		
2 1 0	Married, formally			
2 1 1	Civil		2 = Married, civil	
2 1 2	Religious		3 = Married, religious	
2 1 3	Civil and religious		1 = Married, civil & relig	
2 1 4	Monogamous			2 = Monogamous
2 1 5	Polygamous			3 = Polygamous
2 2 0	Consensual union		4 = Consensual union	
		4 = Divrc or separated		
			7 = Separated	6 = Separated
			6 = Divorced	5 = Divorced
		3 = Widowed	5 = Widowed	4 = Widowed

Harmonisation

Données brutes

Code	Label	Bangladesh 2011	Mexico 1970	Kenya 1999
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2 1 4	Monogamous			2 = Monogamous
2 1 5	Polygamous			3 = Polygamous
2 2 0	▷ Consensual union		4 = Consensual union	
		4 = Divrc or separated		
			7 = Separated	6 = Separated
			6 = Divorced	5 = Divorced
		3 = Widowed	5 = Widowed	4 = Widowed

Harmonisation

Données brutes

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2 0 0	Married or in union	2 = Married		
2 1 0	Married, formally			
2 1 1	▷ Civil		2 = Married, civil	
2 1 2	▷ Religious		3 = Married, religious	
2 1 3	▷ Civil and religious		1 = Married, civil & relig	
2 1 4	▷ Monogamous			2 = Monogamous
2 1 5	▷ Polygamous			3 = Polygamous
2 2 0	Consensual union		4 = Consensual union	
		4 = Divrc or separated		
			7 = Separated	6 = Separated
			6 = Divorced	5 = Divorced
		3 = Widowed	5 = Widowed	4 = Widowed

Harmonisation

Données brutes

Code	Label	Bangladesh 2011	Mexico 1970	Kenya 1999
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2 1 5	Polygamous			3 = Polygamous
2 2 0	Consensual union		4 = Consensual union	
3 0 0	Divorced or separated	4 = Divrc or separated		
3 1 0	Separated		7 = Separated	6 = Separated
3 2 0	Divorced		6 = Divorced	5 = Divorced
		3 = Widowed	5 = Widowed	4 = Widowed

Harmonisation

Données brutes

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2 1 1	Civil		2 = Married, civil	
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2 1 5	Polygamous			3 = Polygamous
2 2 0	Consensual union		4 = Consensual union	
3 0 0	Divorced or separated	4 = Divrc or separated		
3 1 0	Separated		7 = Separated	6 = Separated
3 2 0	Divorced		6 = Divorced	5 = Divorced
4 0 0	Widowed	3 = Widowed	5 = Widowed	4 = Widowed



Harmonisation

Code **Label**

1 0 0	Single
2 0 0	Married or in union
2 1 0	Married, formally
2 1 1	Civil
2 1 2	Religious
2 1 3	Civil and religious
2 1 4	Monogamous
2 1 5	Polygamous
2 2 0	Consensual union
3 0 0	Divorced or separated
3 1 0	Separated
3 2 0	Divorced
4 0 0	Widowed

Harmonisation

Code **Label**

1	Single
2	Married or in union
2	Married, formally
2	Civil
2	Religious
2	Civil and religious
2	Monogamous
2	Polygamous
2	Consensual union
3	Divorced or separated
3	Separated
3	Divorced
4	Widowed

Harmonisation

Code **Label**

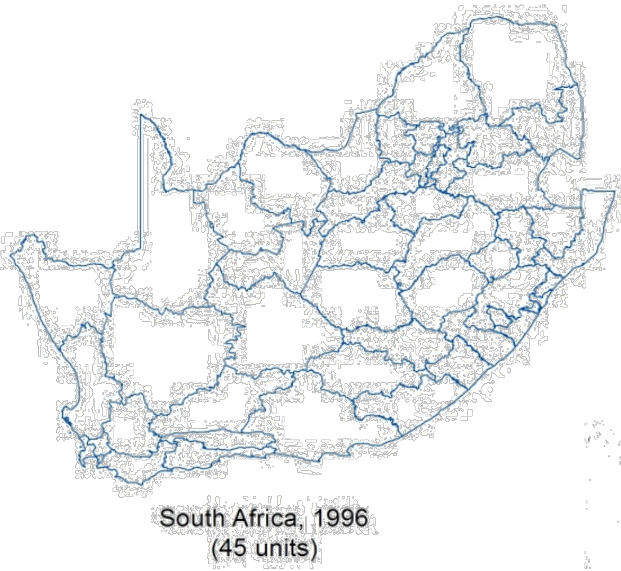
1	Single
2	Married or in union
3	Divorced or separated
4	Widowed

Harmonisation

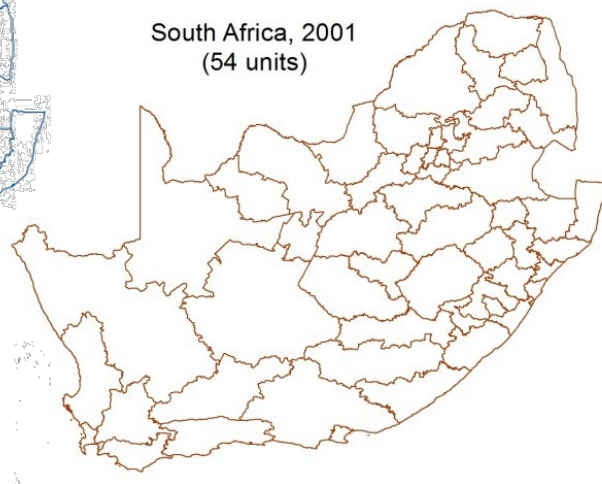
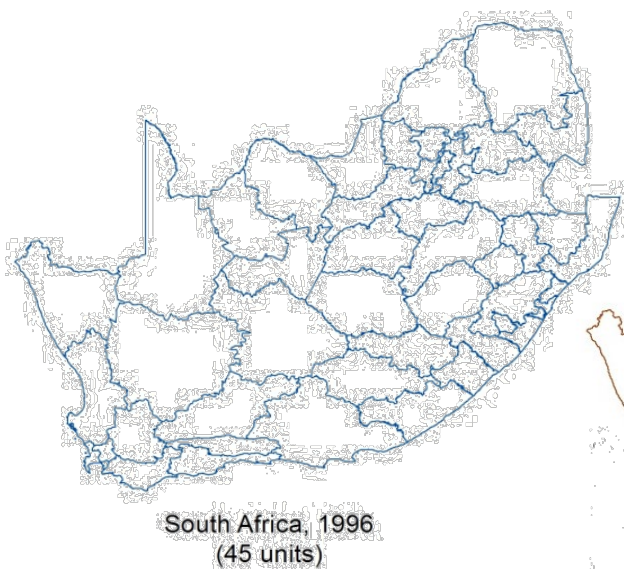
Code **Label**

1	Single
2	Married or in union
3	Divorced or separated
4	Widowed

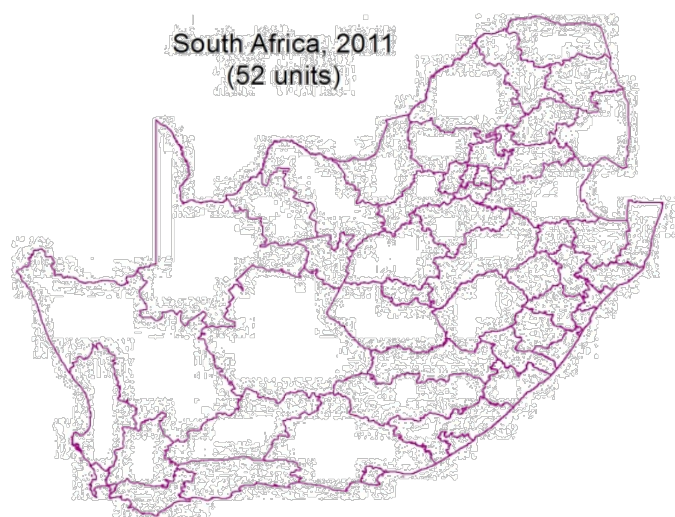
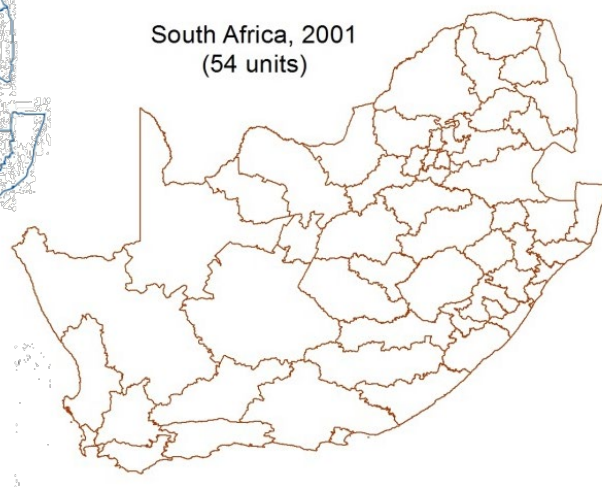
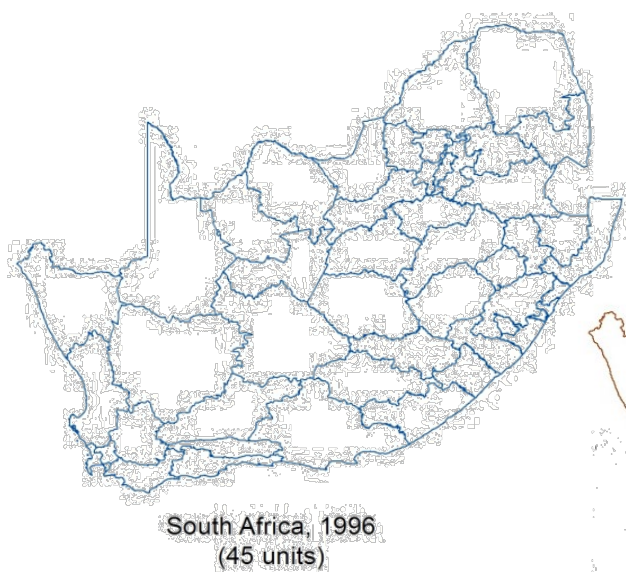
Harmonisation géographique



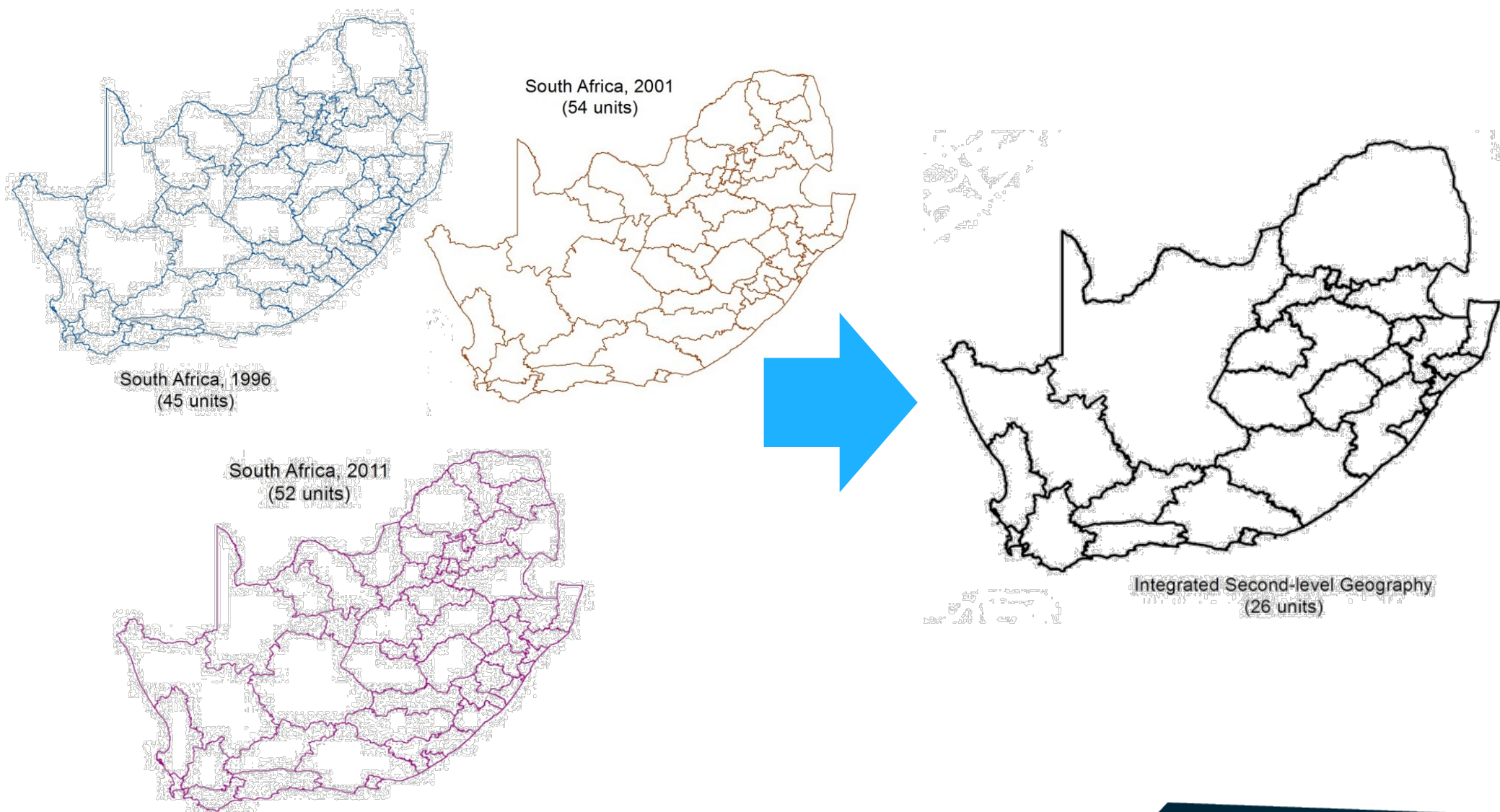
Harmonisation géographique



Harmonisation géographique



Harmonisation géographique



Variables les plus téléchargées

Top 10

Employment status

Education Attainment

Marital Status

Age

Sex

Relationship to head

Class of worker

School attendance

Occupation

Literacy

11 to 20

Industry

Urban-rural status

Ownership of dwelling

Years of schooling

Children ever born

Religion

Household size

Nativity status

Number own children in HH

Mother's location in HH

21 to 30

Spouse's location in HH

Country of birth

Father's location in HH

Family size

Children surviving

Number own children < 5 in HH

Group quarters status

Age of eldest child

Age of youngest child

Total Income



Thèmes de recherche




- ✓ Fécondité
- ✓ Mortalité
- ✓ Migration
- ✓ Composition des ménages
- ✓ Mariage et cohabitation
- ✓ Main-d'oeuvre
- ✓ Éducation
- ✓ Corrélats économiques et sociaux des comportements démographiques
- ✓ Développement économique et ODD



Trade Shocks, Population Growth, and Migration

Sofía Fernández Guerrico

Impact of urban land use and land cover change on urban heat island and urban thermal comfort level: a case study of Addis Ababa City, Ethiopia

Mitiku Badasa Moisa  · Indale Niguse Dejene  · Zenebe Reta Roba · Dessalegn Obsi Gameda 

scientific reports

OPEN

A time-series approach to mapping livestock density using household survey data

Julianne Meisner^{1,2,3}, Agapitus Kato^{3,11}, Marshall Lemerani^{4,11}, Erick Mwamba Miaka^{5,11}, Acaga Taban Ismail^{6,11}, Jonathan Wakefield^{7,8}, Ali Rowhani-Rahbar², David Pigott^{9,10}, Jonathan Mayer² & Peter Rabinowitz^{1,10}

Mass Education and Women's Autonomy: Evidence From Latin America

Daniela R. Urbina

ORIGINAL PAPER

Differential fertility, school enrollment, and development

Jie Zhang^{1,2} · Haoming Liu^{2,3}

Journal of Computational Science

journal homepage: www.elsevier.com/locate/jocs



ELSEVIER



Scale matters: Variations in spatial and temporal patterns of epidemic outbreaks in agent-based models

Sarah Wise^{a,*}, Sveta Milusheva^b, Sophie Ayling^a, Robert Manning Smith^a

^a Centre for Advanced Spatial Analysis (CASA), University College London, London, United Kingdom

^b World Bank Group, Washington, D.C., United States of America



IPUMS
INTERNATIONAL

Working for Health
Multi-Partner Trust Fund
Annual report 2021



RESEARCH TECHNICAL ASSISTANCE CENTER

Report | December 2022

Evaluating Climate-Related Migration Forecasting Models

Kerilyn Schewel, Sarah W. Dickerson, B. Madson, Gabriela Nagle Alverio

This report is made possible by the generous support of the American people through the United States Agency for International Development (USAID) under the terms of contract no. 7200AA18C00057, which supports the Research Technical Assistance Center (RTAC). This report was produced by Duke University under the RTAC contract. The contents of this report are the sole responsibility of RTAC and NORC at the University of Chicago, and do not necessarily reflect the views of USAID or the United States Government.

Guillaume Marois, Michaela Potančoková and Miguel González-Leonardo

Technical report: QuantMig-Mic microsimulation population projection model

Deliverable 8.2

QuantMig has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 870299.

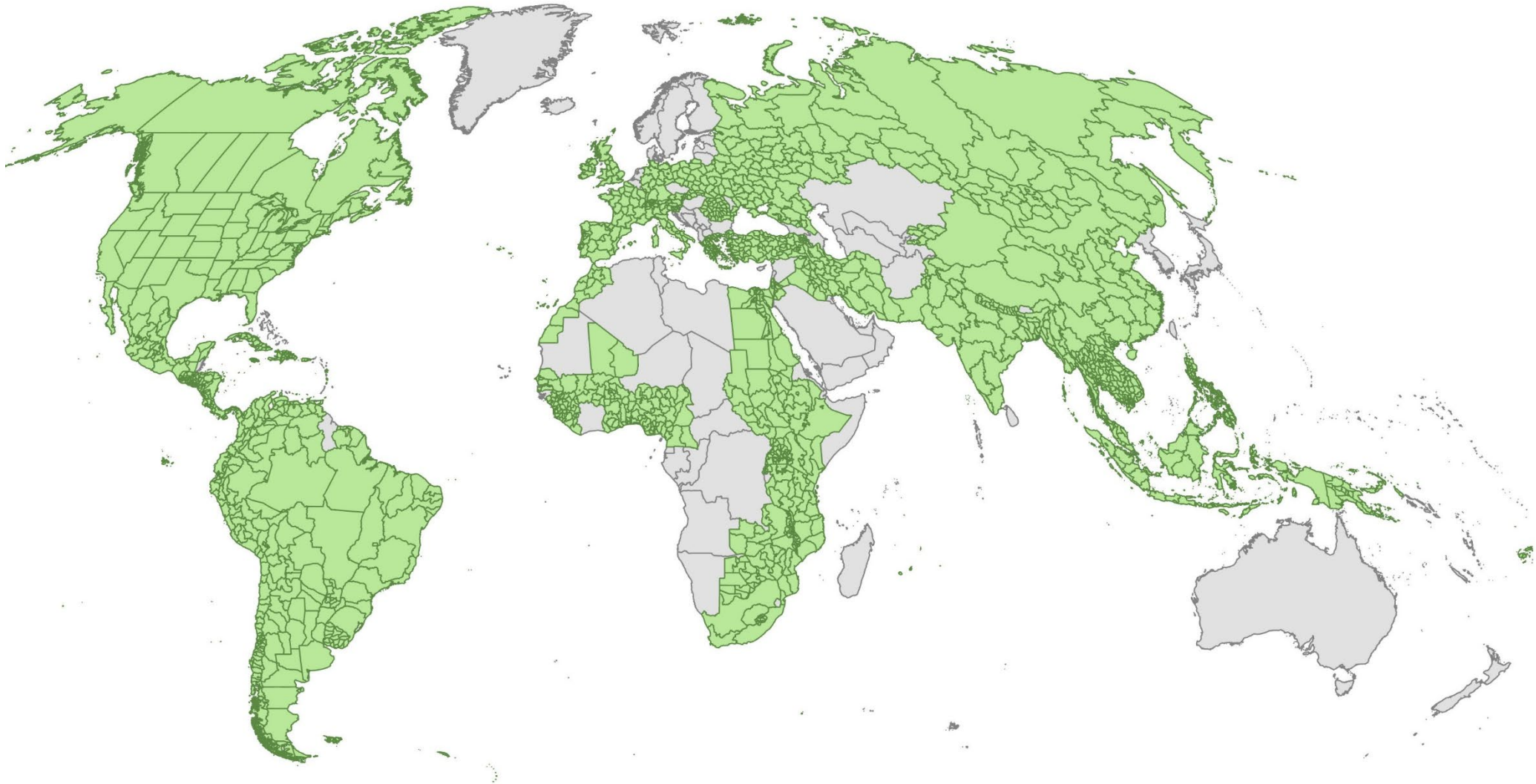
En somme

IPUMS International:

- facilite et encourage grandement la recherche
- démocratise et protège les microdonnées internationales
- offre un support direct aux usagers et instituts statistiques
- offre tous ces services **GRATUITEMENT**

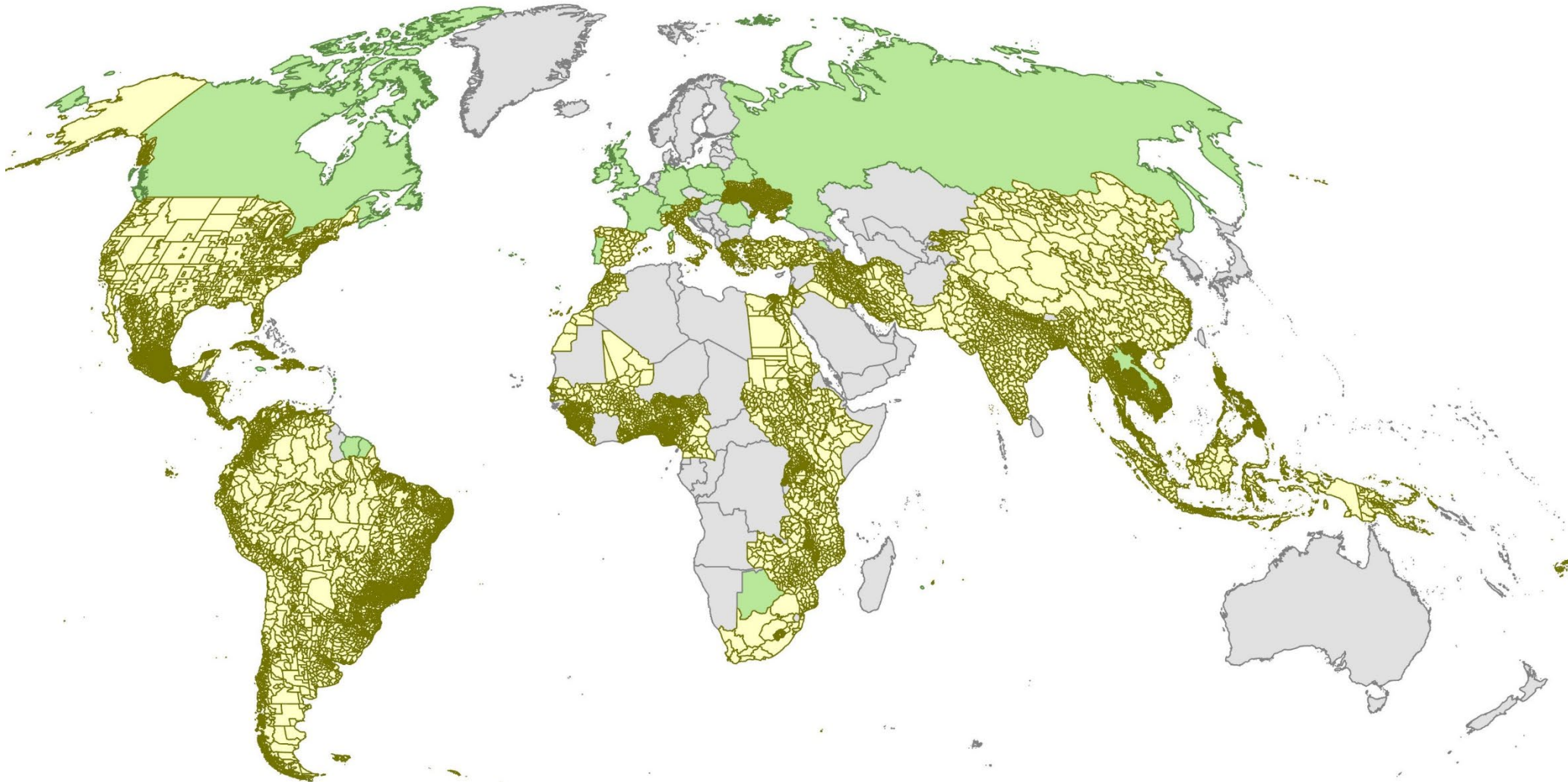
Frontières géographiques harmonisées

1^{er} niveau



Frontières géographiques harmonisées

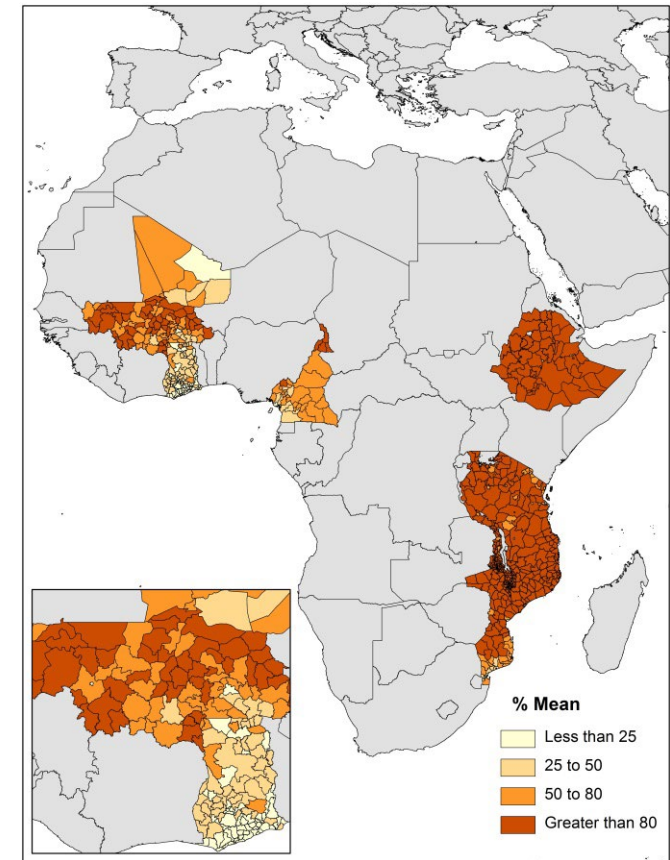
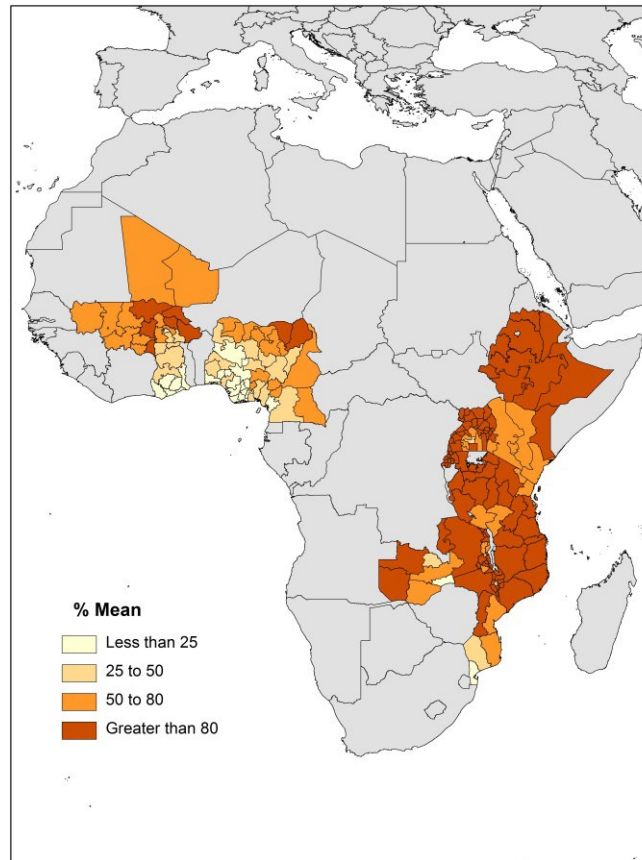
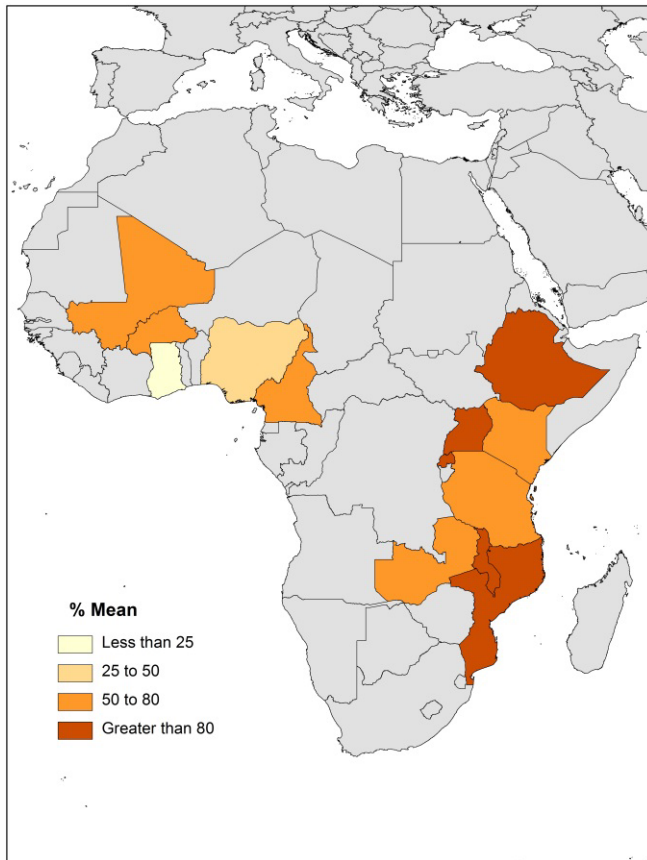
2^{ème} niveau



1,885 unités de 1^{er} niveau
16,723 unités de 2^{ème} niveau

Analyses multi-niveaux

Pourcentage d'enfants de moins de 5 ans qui résident dans un logement avec plancher en terre battue, Afrique sub-Saharienne



Relations familiales à l'intérieur des ménages

pernum	relate	age	sex	marst	chborn	sploc
1	head	46	male	married	n/a	2
2	spouse	44	female	married	3	1
3	aunt	77	female	widow	7	0
4	child	15	female	single	0	0
5	child	13	female	single	n/a	0
6	child	11	male	single	n/a	0



pernum	relate	age	sex	marst	chborn	momloc	poploc
1	head	46	male	married	n/a		
2	spouse	44	female	married	3		
3	aunt	77	female	widow	7		
4	child	15	female	single	0		
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4	child	15	female	single	0	0
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6	child	11	male	single	n/a	0

pernum	relate	age	sex	marst	chborn	momloc	poploc
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3	aunt	77	female	widow	7	0	
4	child	15	female	single	0	2	
5	child	13	female	single	n/a	2	
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6	child	11	male	single	n/a	0

pernum	relate	age	sex	marst	chborn	momloc	poploc
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2	spouse	44	female	married	3	0	0
3	aunt	77	female	widow	7	0	0
4	child	15	female	single	0	2	1
5	child	13	female	single	n/a	2	1
6	child	11	male	single	n/a	2	1

En conclusion

Grande facilité d'accès et d'utilisation à de données inédites

Synergies avec autres projets IPUMS (IHGIS, MICS, PMA, DHS, Time Use)

Big Data: possibilités de devis analytiques avancés

