



HAL
open science

Les défis de la cartographie à des niveaux fins en Égypte : l'apport de la base de données IPUMS

Élise Lévêque

► **To cite this version:**

Élise Lévêque. Les défis de la cartographie à des niveaux fins en Égypte : l'apport de la base de données IPUMS. Semaine Data-SHS, Dec 2022, Aix en Provence, France. hal-03959603

HAL Id: hal-03959603

<https://amu.hal.science/hal-03959603>

Submitted on 27 Jan 2023

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

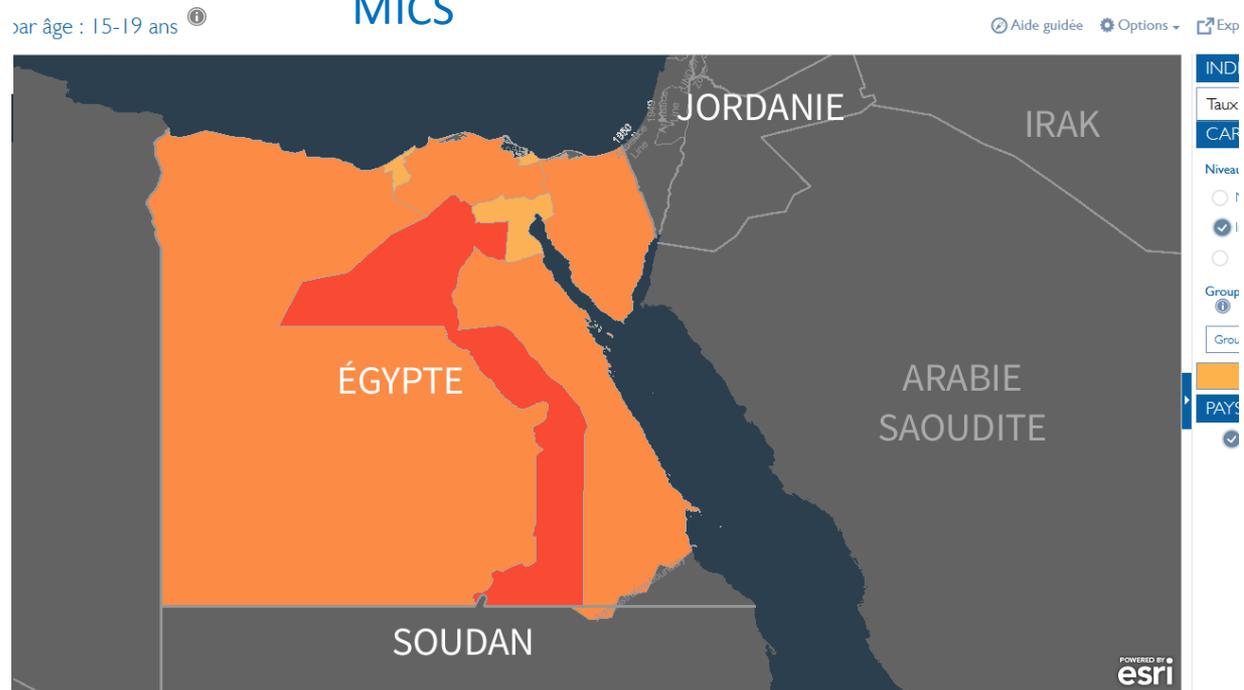
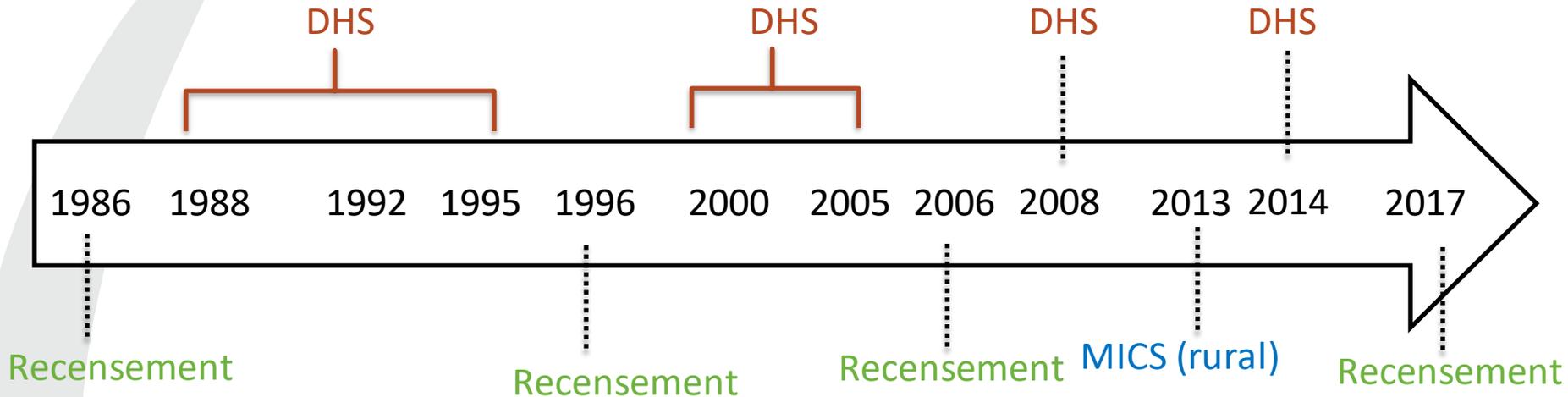
L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.



**LES DÉFIS DE LA CARTOGRAPHIE À
DES NIVEAUX FINS EN ÉGYPTÉ :
l'apport de la base de données IPUMS**

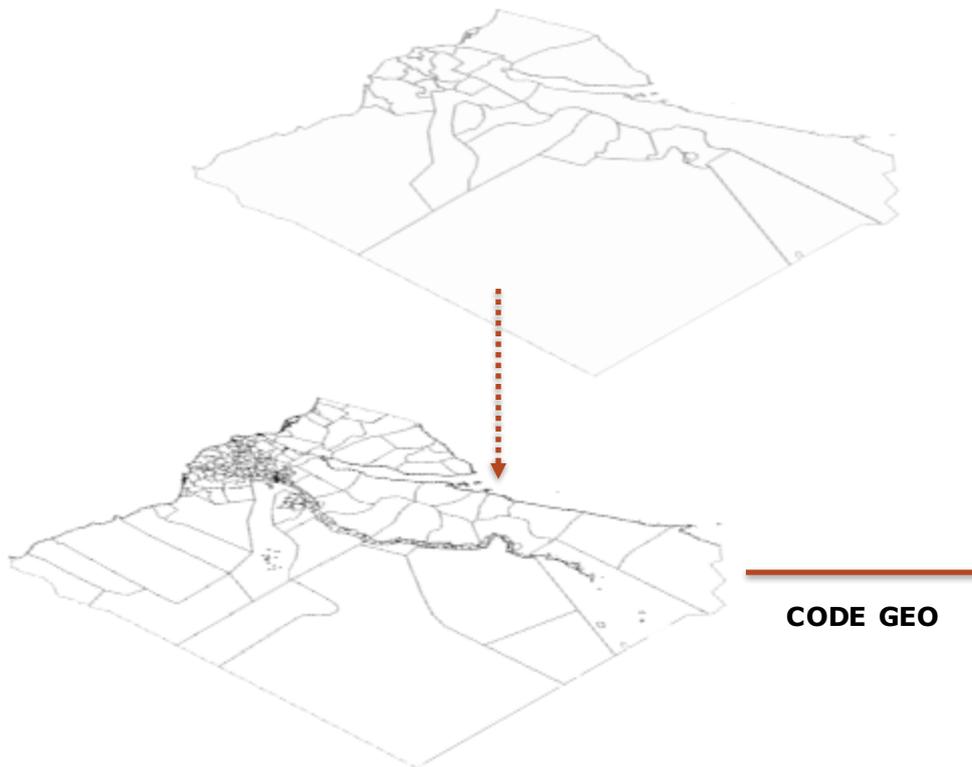
Elise LÉVÊQUE

8 décembre 2022



Objectifs

Cartographie structure par âge et par sexe au second niveau administratif 1996 et 2006



Name	Status	Native	Population			
			Census 1996-11-19	Census 2006-11-11	Estimate 2017-07-01	Estimate 2021-07-01
Ad-Daqahiyah [Dakahlia]	Governorate	الدقهلية	4,223,238	4,989,997	6,516,489	6,889,962
Ajā	Markaz	مركز أجا	344,160	401,865	538,484	557,238
Al-Jamāliyah	Markaz	مركز الجمالية	67,703	83,529	138,291	151,444
Al-Kurdiy	Kism (fully urban)	قسم الكردى	15,561	25,950	39,585	44,905
Al-Mansūrah [Ei Mansoura]	Markaz	مركز المنصورة	...	450,700	621,439	638,037
Al-Mansūrah 1 [Ei Mansoura]	Kism (fully urban)	قسم اول المنصورة	207,251	244,665	313,021	355,095
Al-Mansūrah 2 [Ei Mansoura]	Kism (fully urban)	قسم ثان المنصورة	162,158	194,683	235,238	266,858
Al-Manzilah [Manzala]	Markaz	مركز المنزلة	218,533	260,888	360,649	382,383
Al-Matariyah [Ei Mataraya]	Markaz	مركز المطرية	105,260	125,770	178,857	199,009
As-Sinbillāwayn [Ei Senbellawein]	Markaz	مركز السنبلتون	368,776	450,103	567,560	594,488
Bani Ubayd	Markaz	مركز بني عبيد	...	102,016	131,492	139,373
Bilqās [Belqas]	Markaz	مركز بلقاس	365,464	424,189	531,203	558,412
Dikris	Markaz	مركز دكرنس	...	279,714	353,820	372,871
Jamasah [Jamasa]	Kism (fully urban)	قسم جمسة	...	2,074	3,922	4,450
Mahallat Damamah	Markaz	مركز محلة دمدة	...	46,116	61,835	66,516

Les données de recensement

Organisme producteur : CAPMAS

<https://www.esa.gov.eg/>



Organismes diffuseurs

→ **City Population**

→ **IPUMS-International**

→ **CEDEJ**

Les données : IPUMS-International

Minnesota Population Center. Integrated Public Use Microdata Series

Égypte : 1986-1996-2006 (10 %)



Interface en ligne

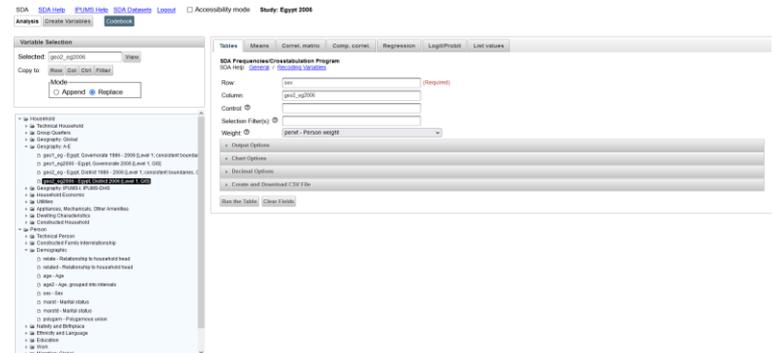


RESEARCH AREA(S)

Education Fertility and Mortality Migration and Immigration

IPUMS INTERNATIONAL RESEARCH DESCRIPTION (Required)

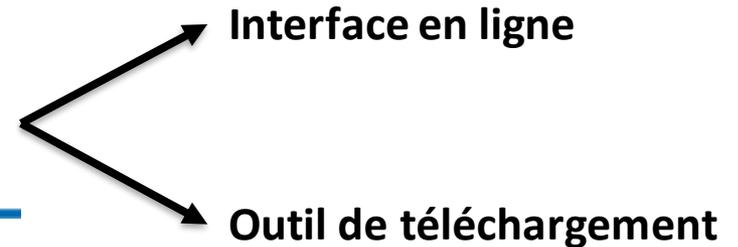
Provide at least 50 words in English describing your research project or educational use for the data. Your description should indicate the country(s) and time period you intend to study. This description will be used to evaluate your application.



Les données : IPUMS-International

Minnesota Population Center. Integrated Public Use Microdata Series

Égypte : 1986-1996-2006 (10 %)



POLYGAM ADD TO CART CHANGE SAMPLES

Polygamous union
Return to Demographic variables list

CODES DESCRIPTION COMPARABILITY UNIVERSE AVAILABILITY QUESTIONNAIRE TEXT SOURCE VARIABLES

Codes and Frequencies

Category availability view
 Case-count view

An "X" indicates the category is available for that sample

Code	Label	egypt 1986	egypt 1996	egypt 2006
00	NilU (not in universe)	X	X	
01	No. in monogamous union	X	X	
02	Yes. in polygamous union			
03	Man in polygamous union			
04	Polygamous man, 2 wives	X	X	
05	Polygamous man, 3 or more wives	X	X	
06	Woman in polygamous union			
07	Polygamous marriage, 2 wives			
08	Polygamous marriage, 3 or more wives			
09	First wife			
10	Second wife			
11	Third or higher order wife			
99	Unknown/missing	X	X	

[Explore how IPUMS created this variable](#)

IPUMS INTERNATIONAL HOME | SELECT DATA | MY DATA | SUPPORT

DATA CART
YOUR DATA EXTRACT
0 VARIABLES
2 SAMPLES
VIEW CART

CHANGE SAMPLES SELECT HARMONIZED VARIABLES HARMONIZED VARIABLES DISPLAY OPTIONS HELP COUNTRY ABBREVIATIONS
 SOURCE VARIABLES

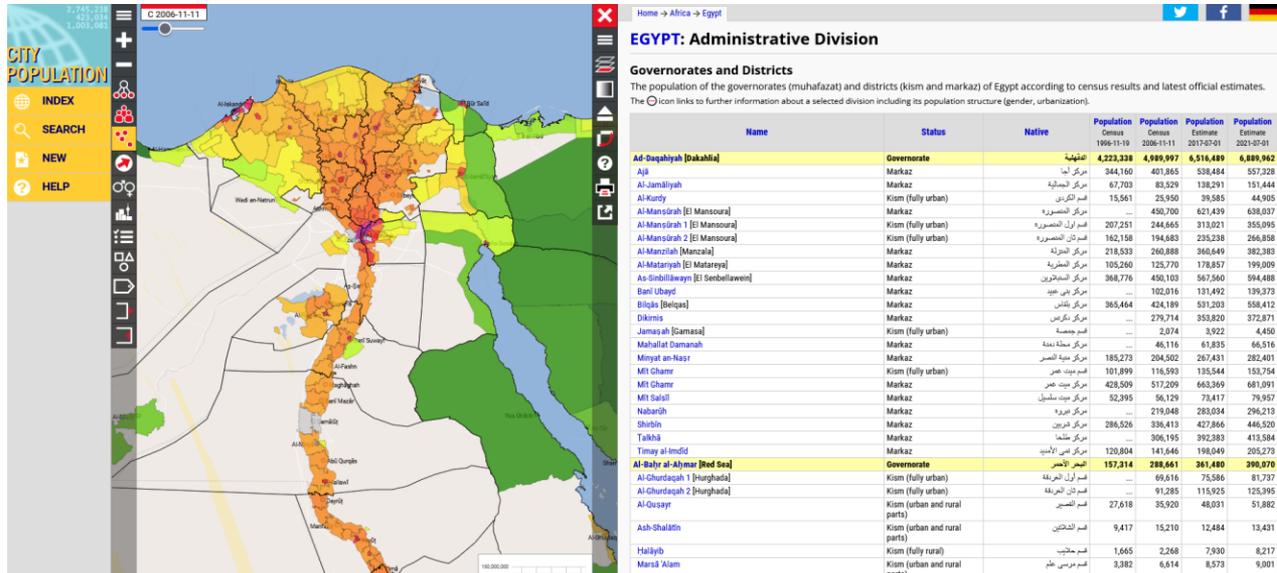
AN "X" INDICATES THE VARIABLE IS AVAILABLE IN THAT DATASET.

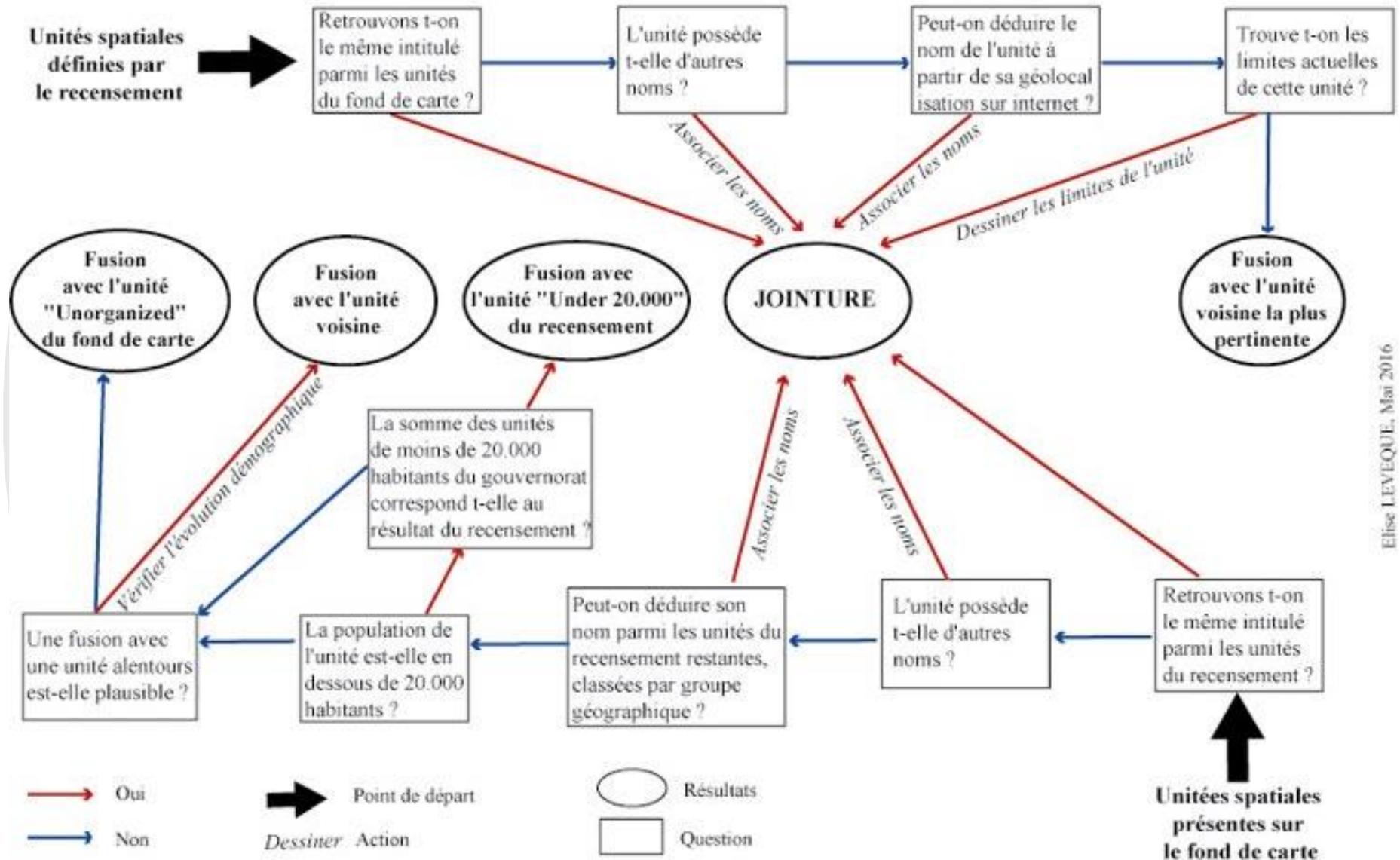
DEMOGRAPHIC VARIABLES -- PERSON [TOP]

Add to cart	Variable	Variable Label	Type	egypt 1986	egypt 1996	egypt 2006
<input type="checkbox"/>	RELATE	Relationship to household head	P	X	X	
<input type="checkbox"/>	AGE	Age	P	X	X	
<input type="checkbox"/>	AGE2	Age, grouped into intervals	P	X	X	
<input type="checkbox"/>	SEX	Sex	P	X	X	
<input type="checkbox"/>	MARST	Marital status	P	X	X	
<input type="checkbox"/>	POLYGAM	Polygamous union	P	X	X	
<input type="checkbox"/>	BIRTHYR	Year of birth	P	X		
<input type="checkbox"/>	BIRTHMO	Month of birth	P	X		

Fond de carte : plusieurs sources

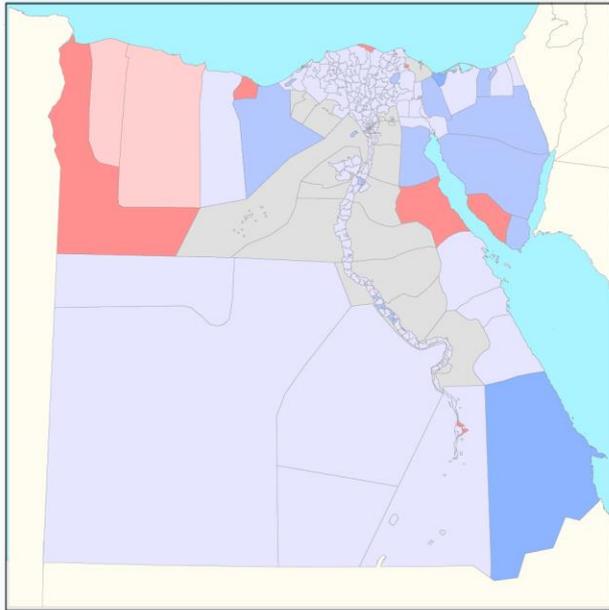
- the Global Administrative Areas (GADM) dataset
 - City Population
 - Google Earth



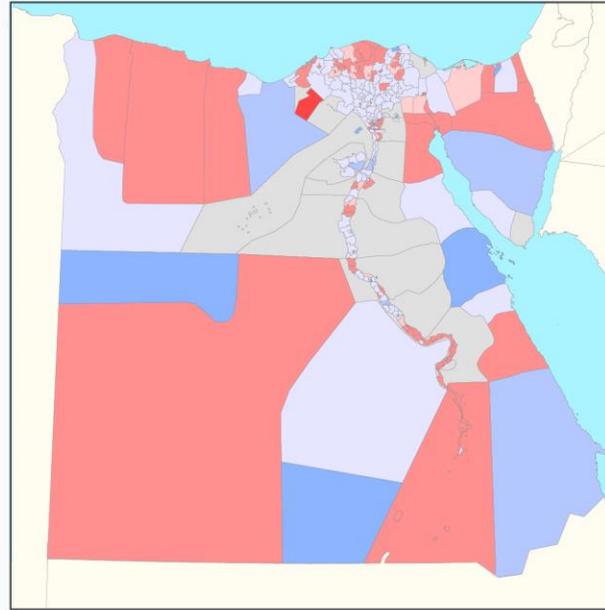


SEX-RATIO PAR GROUPES D'AGE EN ÉGYPTE (1996)

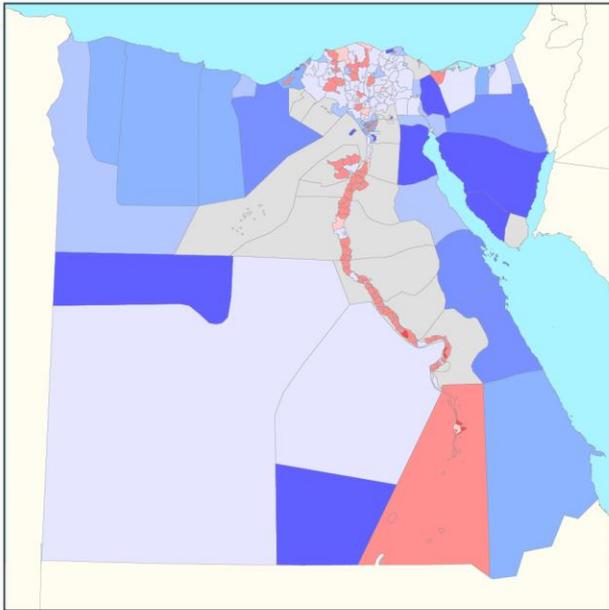
0-15 ans



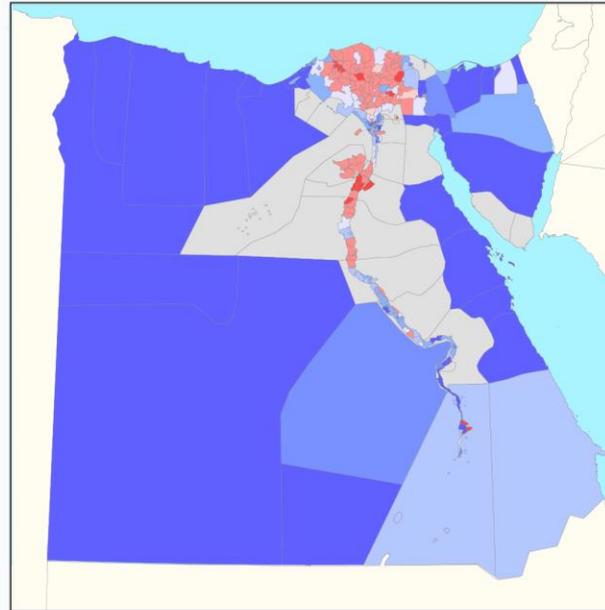
15-40 ans



40-65 ans

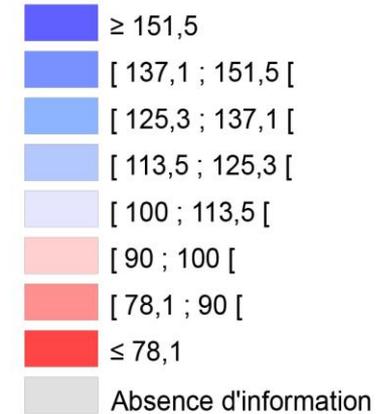


Plus de 65 ans



Sex-ratio

Hommes pour 100 femmes



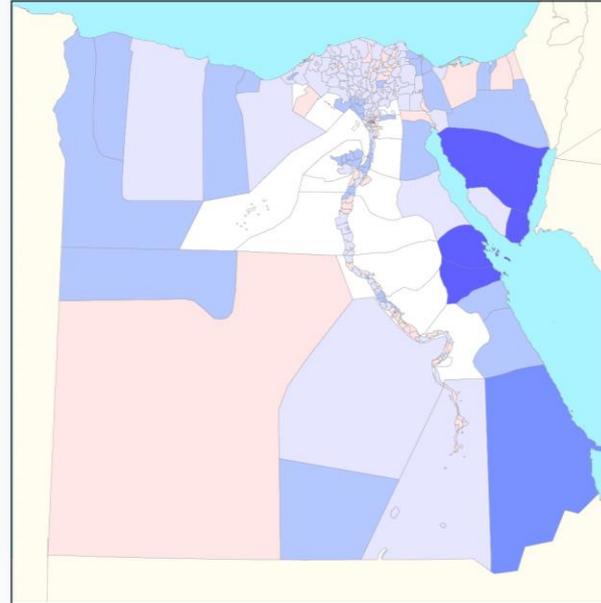
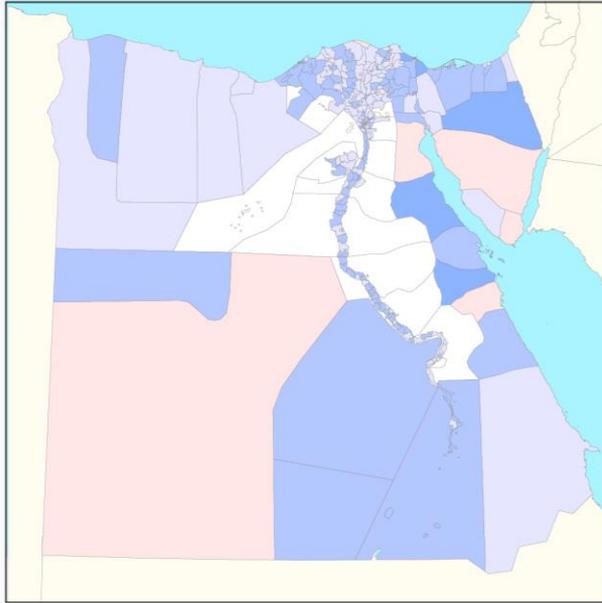
Cette carte est mise à disposition selon les termes de la licence Creative Commons Attribution - Pas d'Utilisation Commerciale - Pas de Modification 3.0 non transposé. Les autorisations au-delà du champ de cette licence peuvent être obtenues auprès de: contact@demomed.org



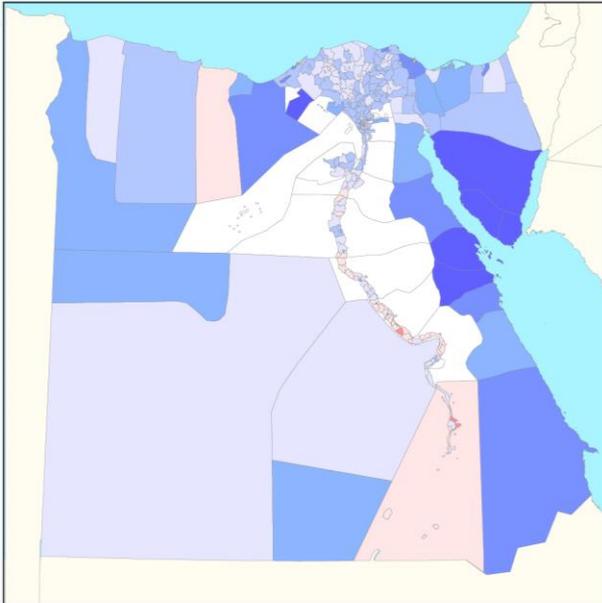
0-15 ans

SEX-RATIO PAR GROUPES D'AGE EN EGYPTE (2006)

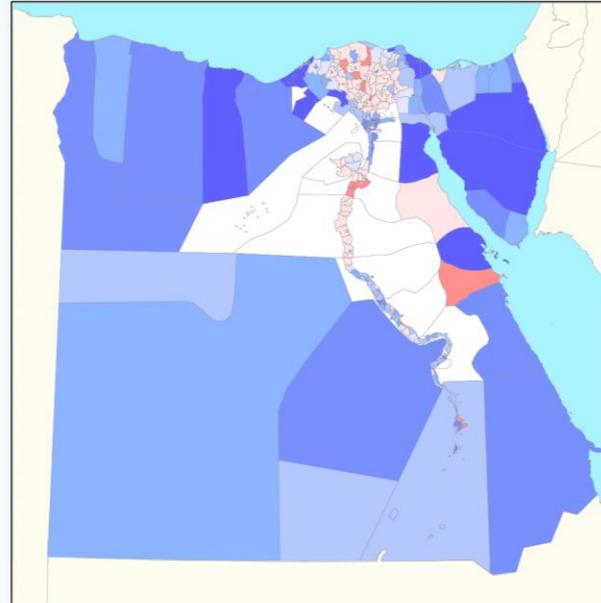
15-40 ans



40-65 ans

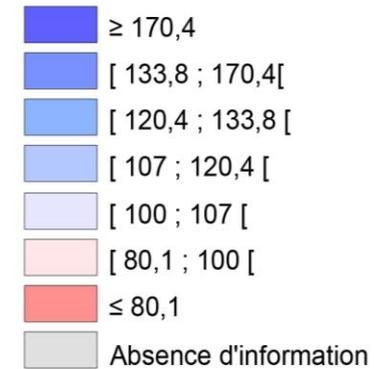


Plus de 65 ans



Sex-ratio

Hommes pour 100 femmes



Cette carte est mise à disposition selon les termes de la licence Creative Commons Attribution - Pas d'Utilisation Commerciale - Pas de Modification 3.0 non transposé. Les autorisations au-delà du champ de cette licence peuvent être obtenues auprès de: contact@demomed.org



0 250 km

Perspectives

- **Mise à disposition sur IPUMS**
- **Données du recensement de 2017**
- **Programme DHS d'estimation à un niveau fin**



Merci pour votre attention