

A newsletter from East View highlighting census data from around the world

WHO EVEN USES CENSUS DATA?

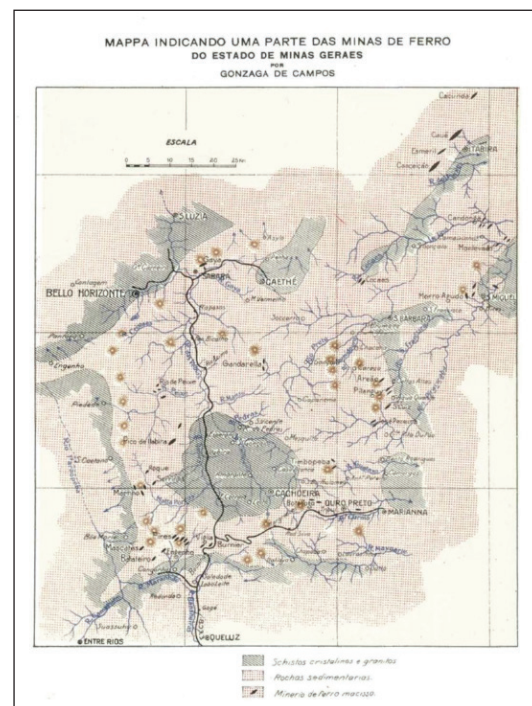
When someone hears the word “census,” often the first thing people think of is raw population numbers related to a certain area during a specific time. But censuses are so much more than just basic population counts! Engineers used census data from the recent 2022 Brazilian Census and combined it with mapping of landslide susceptibility from the Brazilian Geological Survey. The research was able to identify properties that occupy high-risk areas that are “exposed to natural disasters and face risks of collapses and floods” (*Folha de S. Paulo*, 2024). Economists used occupational data from the census to highlight the gender gap in the Japanese labor market. UNICEF has declared “Universal access to safe drinking water is a fundamental need and human right” (2023). How does the organization quantify progress in sanitation? Using data from censuses!

Statistics from a census combined with data from other fields can yield insights that might be unreachable without this collaboration.

Making Census Research Accessible with the Global Census Archive

For a topic as interdisciplinary as census, the task of finding specific information can be daunting. The Global Census Archive platform makes census content easily discoverable using search tools that apply to both the actual text found within the publications – made accessible via optical character recognition (OCR) software – and to East View-created metadata for every publication. A public health researcher can simply type in “sanitation” to see publications or tabular data that are available for that topic. Facets can also be applied either prior to or after the initial search that filter results by country, census round, language, and more. Additionally, a researcher can jump straight to a country’s landing page, which shows all available census materials specific to that country with intuitive display names in English for each publication to help researchers understand the type of content included therein.

From the Census of Brazil: Carried Out on September 1, 1920: Volume I: Introduction: Physical Aspect of Brazil - Geology, Flora and Fauna - Evolution of the Brazilian People - History of Demographic Surveys: Map displaying the location of iron mines in the federative unit of Minas Gerais in 1920. *Recenseamento do Brasil: realizado em 1 de Setembro de 1920: volume I: introdução: aspecto físico do Brasil - geologia, flora e fauna - evolução do povo Brasileiro - histórico dos inqueritos demográficos.* First Publishing Date: 1922.



There's Something for Everyone on the GCA Platform

A geologist interested in Brazil can find historical publications on the GCA platform that contain pertinent information to their research. Whether they are interested in the availability of bauxite ore or the location of all the iron mines in the federative unit of Minas Gerais, just one volume from the 1920 Brazilian census collection has either prose or maps on these subjects. A student of economics who is interested in looking at raw numbers displaying the gender gap in Japan can find downloadable Excel tables on the GCA platform with detailed data on employment for over 20 prefectures from 2015. For a researcher in the public health field exploring how sanitation has improved in East Africa, the Tanzania census collection has graphs and tables comparing the change in the distribution of households with access to flush toilets from 2002 to 2012 broken down by individual regions.

第5表 労働力状態(4区分)、産業(大分類)、男女別15歳以上人口、(従業上の地位(5区分)、就業状態(4区分)別就業者一再掲)(従業・通学状態別15歳未満人口及び全年齢人口一特掲)

1)労働力(就業者)は右
2)全労働者(就業者)
3)就業者(再掲)

地域	性別	労働力人口										労働力人口(再掲)															
		15歳以上人口	就業者(再掲)	非就業者	専業主婦・専業主夫	専業主婦・専業主夫	専業主婦・専業主夫	専業主婦・専業主夫	専業主婦・専業主夫	専業主婦・専業主夫	専業主婦・専業主夫	専業主婦・専業主夫	専業主婦・専業主夫	専業主婦・専業主夫	専業主婦・専業主夫	専業主婦・専業主夫	専業主婦・専業主夫	専業主婦・専業主夫	専業主婦・専業主夫	専業主婦・専業主夫	専業主婦・専業主夫						
東京都	総数	11,278,671	6,094,456	5,184,259	93,098	667	1,815	307,352	689,512	18,870	44,646	258,120	812,875	919,054	911,211	326,560	313,559	137,927	527,175	541,051	91,151	400,993	189,644	711,279	2,887,591	1,291,795	611,617
	男	5,749,274	2,406,702	2,041,200	16,529	399	1,139	206,897	406,428	19,338	313,300	209,130	400,402	100,281	125,242	204,229	146,206	84,292	115,158	142,269	12,293	233,989	115,899	397,879	1,179,266	110,778	202,719
	女	5,529,397	2,687,754	3,143,059	6,700	272	716	36,455	1,864,092	2,932	1,212,150	32,990	418,473	1,118,773	87,969	122,331	167,353	113,683	152,016	398,922	8,858	167,004	52,745	2,489,720	2,008,325	1,181,017	408,898

Censuses collect and provide data that can be applied to a variety of disciplines, from anthropology all the way to zoology. Just like a census itself, the Global Census Archive provides a wealth of facts and figures that assist with research that impacts both people and the environment.

From Table #5 Employment and Labor Status: Downloadable Excel table from the 2015 Japanese Census that displays employment and labor status by municipality for Tokyo (Part 1 of 2). 第5表 労働力状態(4区分)、産業(大分類)、男女別15歳以上人口、(従業上の地位(5区分)、就業状態(4区分)別就業者一再掲)(従業・通学状態別15歳未満人口及び全年齢人口一特掲). First Publishing Date: 2017.

Further reading on how census data is used for research across disciplines:

- Cities on the São Paulo Coast Have 25,000 Properties in Risk Areas
<https://www1.folha.uol.com.br/internacional/en/saopaulo/2024/03/cities-on-the-sao-paulo-coast-have-25000-properties-in-risk-areas.shtml>
- Demographics: How to Collect, Analyze, and Use Demographic Data
<https://www.investopedia.com/terms/d/demographics.asp>
- Drinking Water
<https://data.unicef.org/topic/water-and-sanitation/drinking-water/>
- How Others Use Census Data
<https://www.ons.gov.uk/census/2011census/2011censusbenefits/howothersusecensusdata>
- Persistent Gender Gaps in the Japanese Labor Market
<https://www.nippon.com/en/in-depth/d00863/>



The East View Global Census Archive® (GCA) is an innovative program to collect official data and publications issued by the national census authorities of more than 175 countries, from the early 19th century to the present day, providing a key resource for scholars and analysts to find current and historical census data to support critical research into our changing world. GCA provides a single platform experience to explore the world's census publications: all countries and regions, the complete depth of published census materials, including original census publications in e-book form, as well as modern tabular data in Excel format and GIS files for advanced users.