

A Trial of Demographic Analysis by “Population Statistics Database Management System”*

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Population census by each country and each organization makes public the result in various media. However, I cannot help saying that these census don't attempt to share population data regionally or globally, and to express it on the map based on GIS. My report, based on the result of "Database of 'Foreigner' Demographic-Statistics in Prewar China" (<http://area.net.cias.kyoto-u.ac.jp/statistics/>) which we have opened last year, will explain mainly how to use this "Database management system" to apply it globally.

This system, which has still some problems to improve a little now, has already opened the test version to the public on this March. It is very simple and available through the user interface of Adobe Flash. When you conduct a search, the targeted information is displayed in Flash by creating XML from the data stored in this database. The database interface incorporates two functions, a graph layout function and a mapping function. Moreover, it has three functions by using PHP; 1) to export and import HuMap data, 2) to export and import KML data, and 3) to export and import CSV data. So I can dare to say that it becomes possible to display the graph to share demographic data, and to show their changes by circle graphs on Google Map. And I try to express the shared data on Hu Map that our group has developed already.

Of course, it can be used free of charge as long as it registers. I wish that the users who are interested in this system will increase more and more through this report.

(*<http://area.net.cias.kyoto-u.ac.jp/dashboard/>)