

1. Report Design

For this task, the views were made to represent a subset of the vietnam_wave_1 dataset to allow us determine and compare the variables that has contributed to the inequality in the education sector in Vietnam. The visualization tools used in designing the front-end is Microsoft Excel. This is shown in the Figure 7.1 and 7.2 below

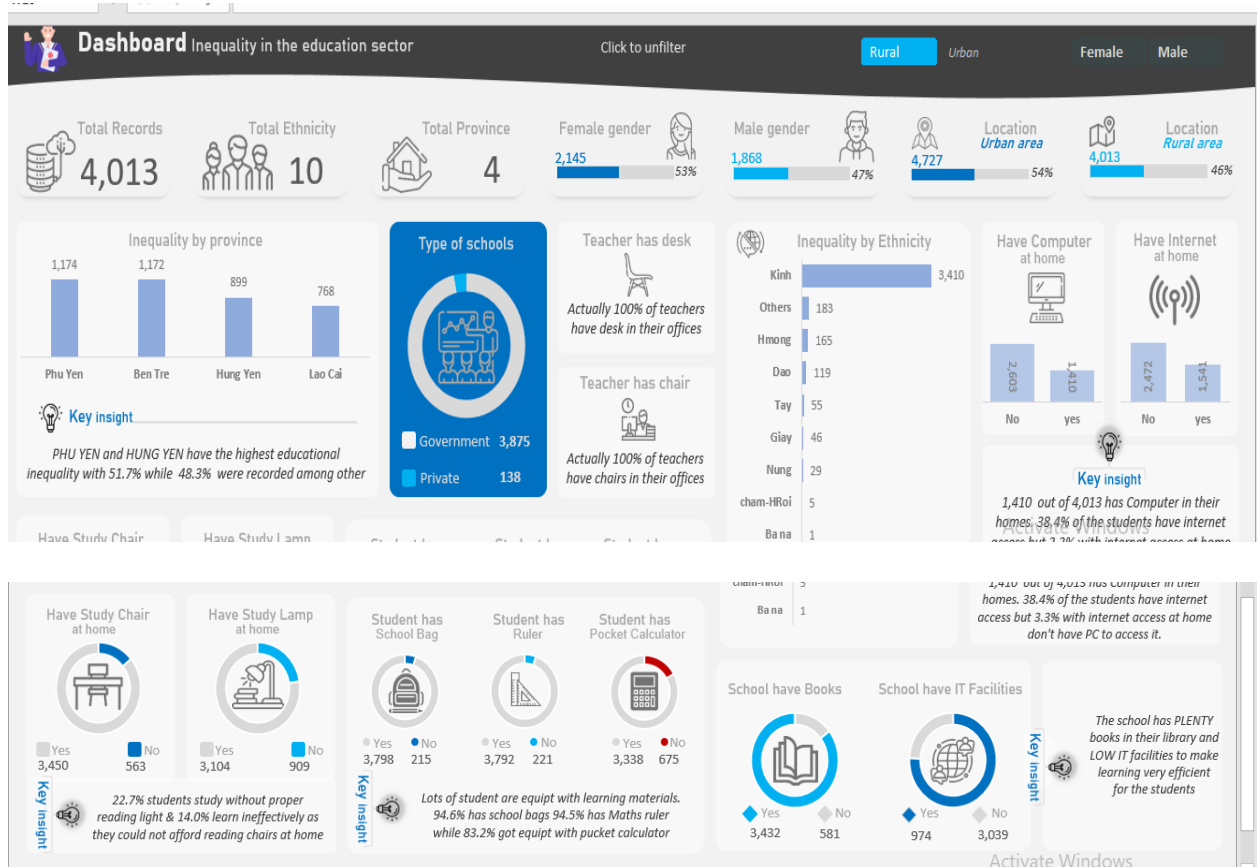


Figure 7.1 Inequality in the Rural Area



Figure 7.2 Inequality in the Urban Area

If Students have Study Chair and Lamp at home

Holistically, 22.4% study without proper reading light and 13.2% learn could not afford reading chairs at home. In the rural area 22.7% do not have reading light and 14% could not afford reading chairs at to learn effectively. The Urban area has 22.3% of student that could not afford proper reading light and 12.5% has no reading chairs at home. Base on the full insight we got from if students have reading chairs or reading light, we found out that greater numbers of students have chairs and reading lights at home but some parts of the students were not fortunate.

If Students have School Bag, Ruler and Pocket Calculator

From the analysis collected from the dataset we found that greater percentage of students with school bag, Ruler and Pocket calculator. 96% has school bags, 94% has ruler and 84% has pocket calculator. Only few of the students are unfortunate to get equipped with the following: school bag, Ruler and Pocket calculator.

If Teachers have Desk and Chairs

From the analysis we found out that 100% of the teachers have desk and chairs in their offices.

If Students have computer or not

Analysis shows that both rural and urban area have 44.7% of people have internet access at home but 3% of those with internet access do not have Computer to access the available internet. We have more people in the urban area with internet access than that of the rural area.

If School have books and IT facilities

Without filters, there are plenty books in the library and low IT facilities. The rural area has more books than that of the urban area.