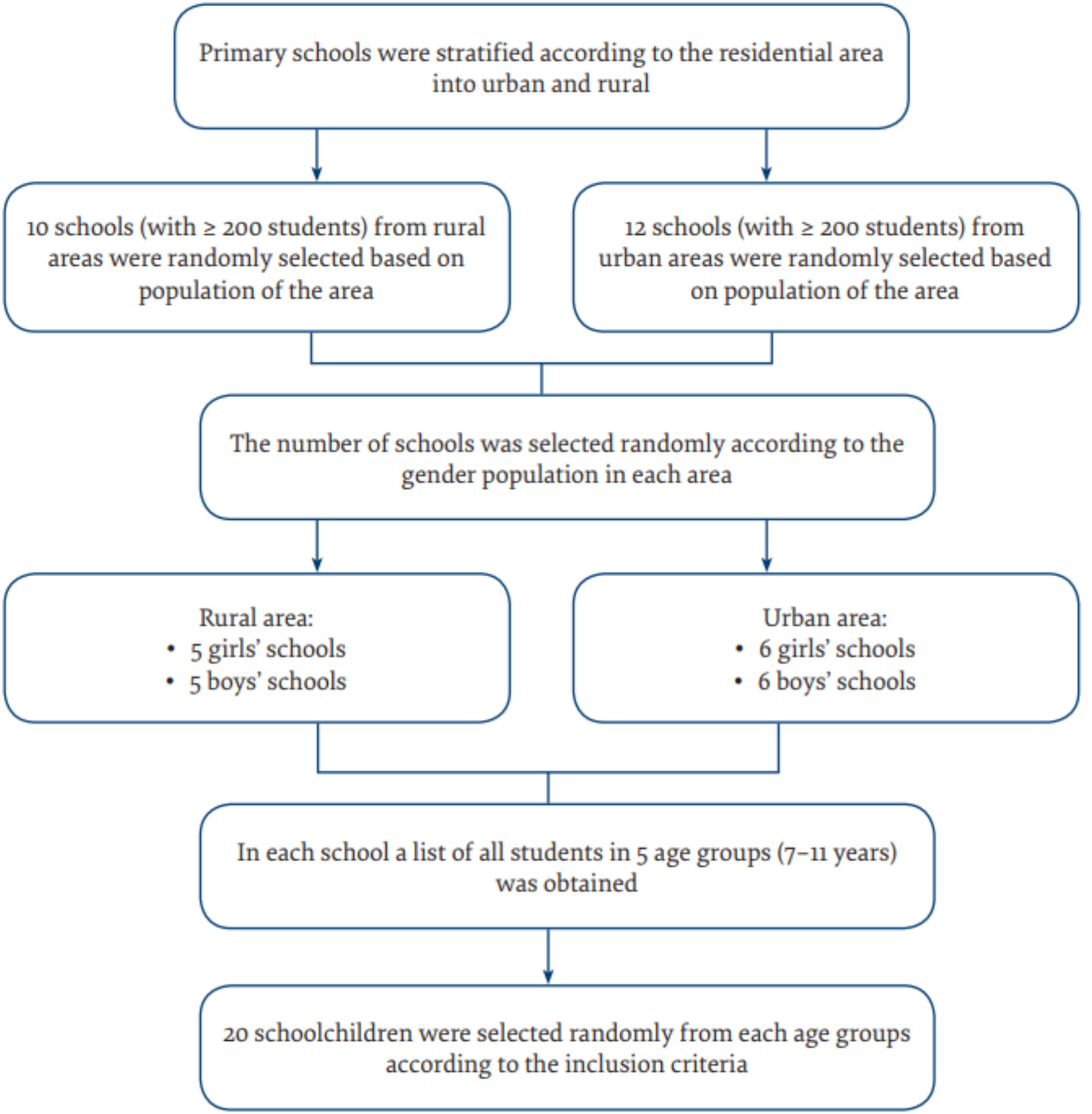

Figure 1 **Flow chart of sample design and selection**