

School Benchmarks



There are more than 300 schools in Singapore. Among the primary and secondary schools, and the junior colleges, it is found that toilet is the main water usage area. As the water usage activity is similar, it enables a fair comparison of the efficiency levels among similar types of schools. The Water Efficiency Index (WEI) for schools is established as:

School WEI (L/p/d)

$$= \frac{\text{Annual water consumption}}{(\text{School population}^\# \times \text{No. of Days in a Year})}$$

#School population includes no. of students and no. of staff

The corresponding median values are shown in Table 1 and the distribution of WEIs for different types of schools are shown in Figure 1, Figure 2 and Figure 3 respectively.

Table 1

Type	Median
Primary School	10.6 L/p/d
Secondary School	12.8 L/p/d
Junior College	11.5 L/p/d

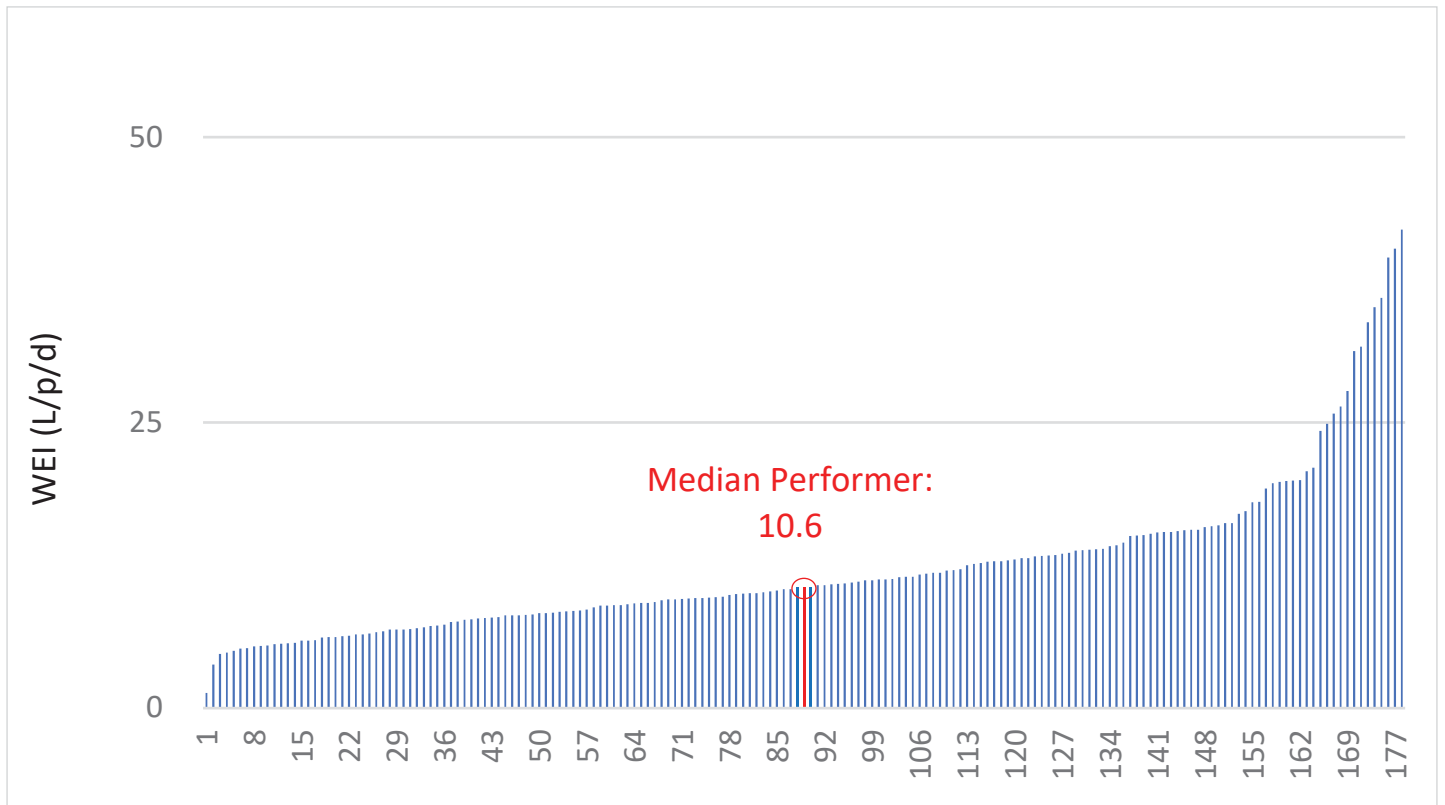


Figure 1: WEI for Primary Schools

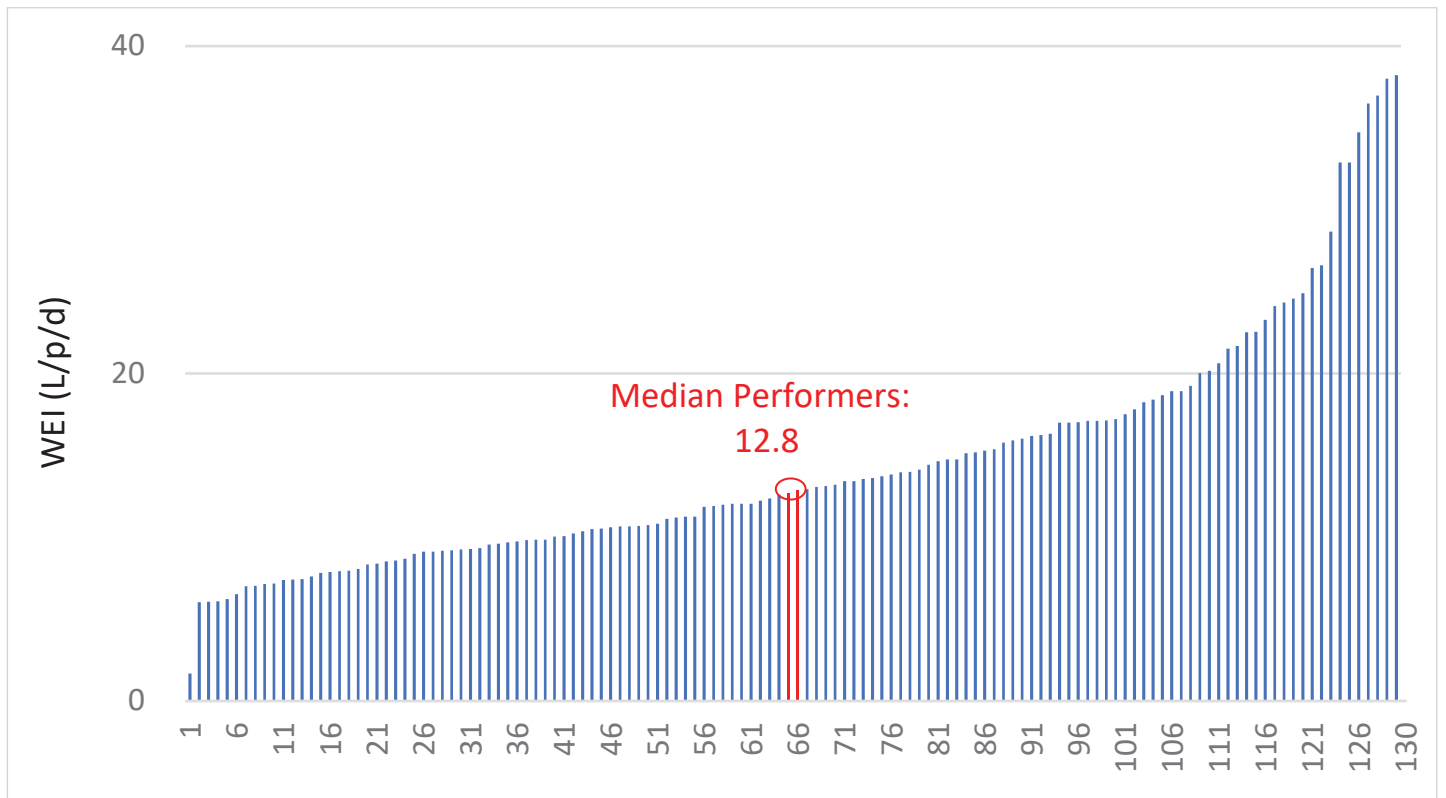


Figure 2: WEI for Secondary Schools

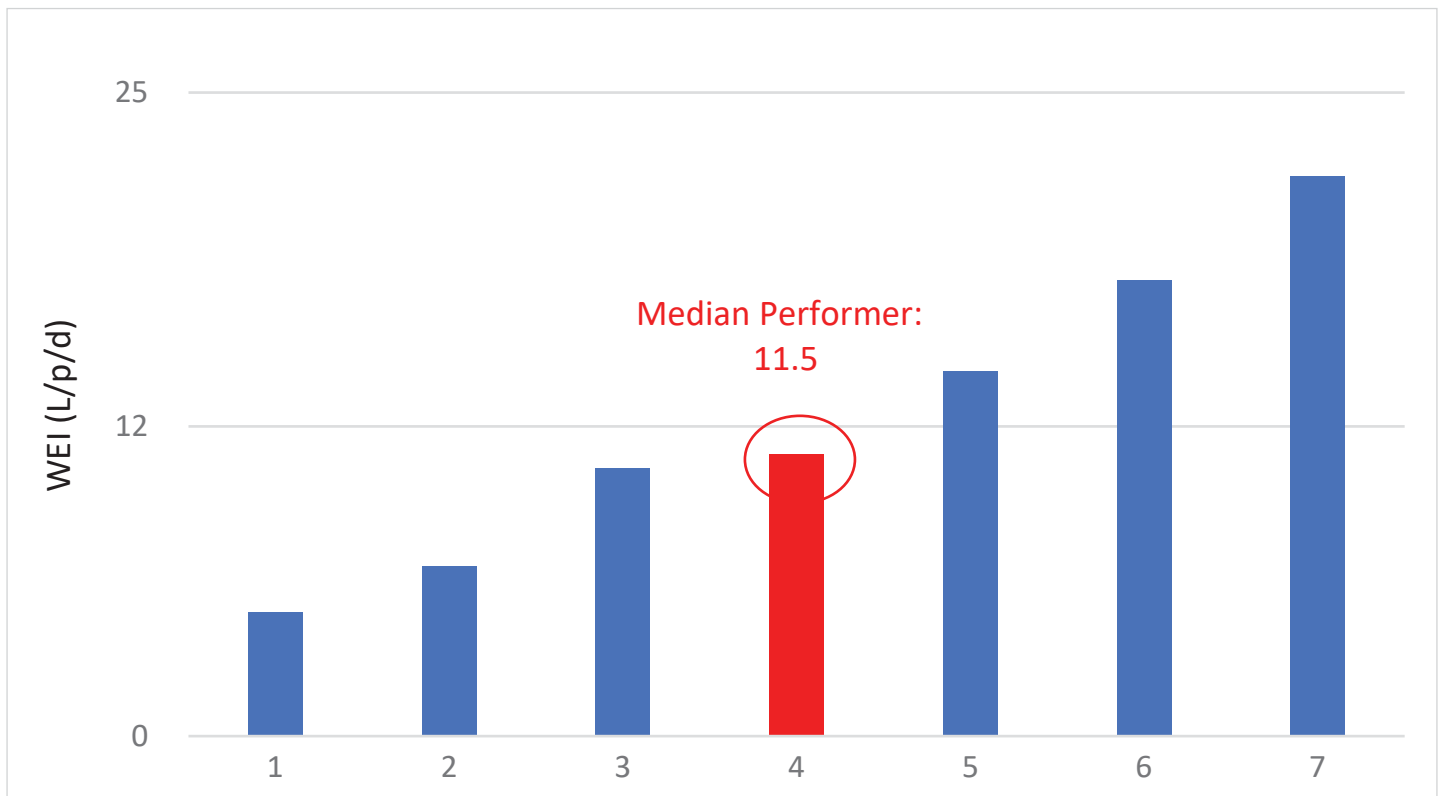


Figure 3: WEI for Junior Colleges