



UNIVERSITI TEKNIKAL MALAYSIA MELAKA



Clean Water & Sanitation



In this project, we are aiming to present the statistics of the clean water and sanitation for the South East Asian (SEA) countries and see and investigate the differences. Our SDG target is the sixth goal which is Clean Water And Sanitation. Dataset that are used for this project is collected from UNICEF datasets.



Prepared by: Hycee

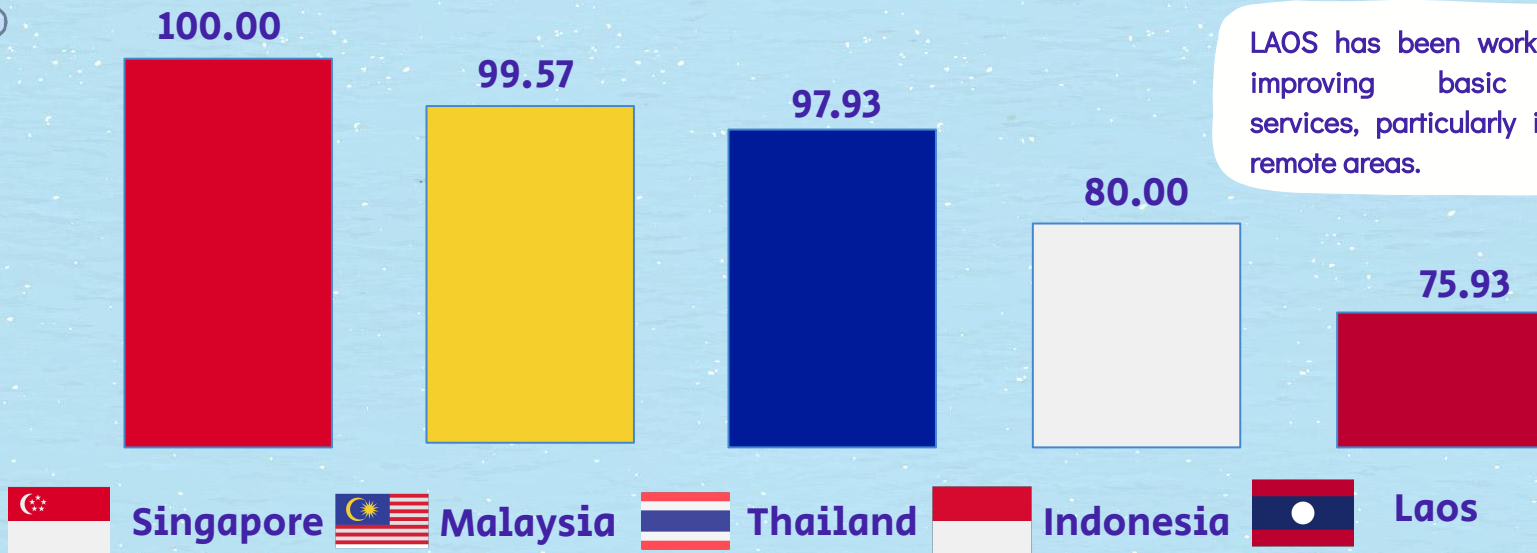
1. Nursyaza Nisa Binti Arfarizal
(B032010244)

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(B032010378)

At least Basic Sanitation Services

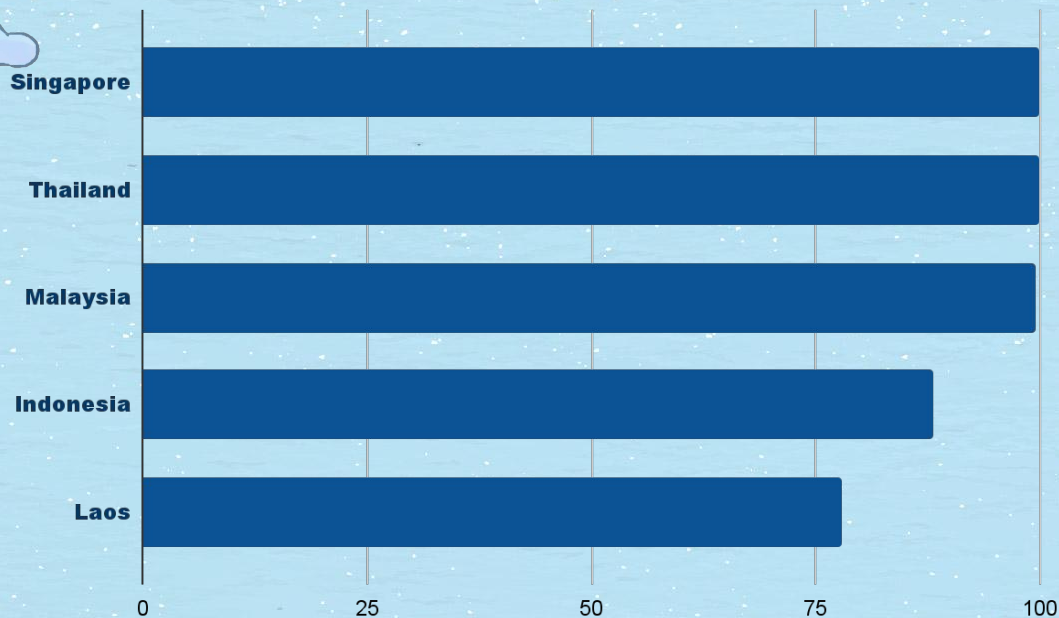


LAOS has been working towards improving basic sanitation services, particularly in rural and remote areas.



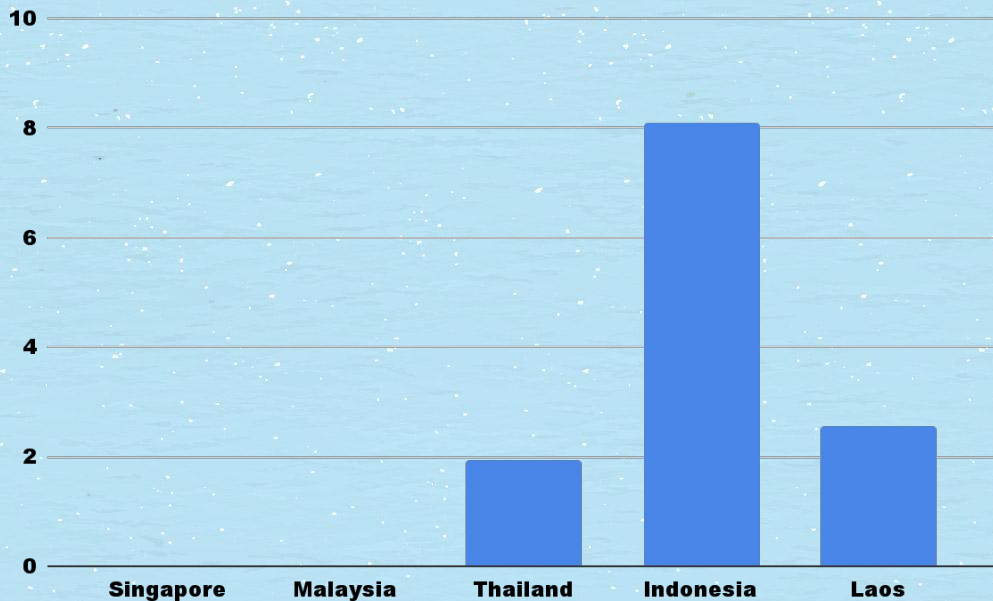
SINGAPORE has the highest proportion of population using at least basic sanitation services as it has well-developed basic sanitation services, with a comprehensive sewerage system covering the entire nation.

Improved Sanitation Facilities



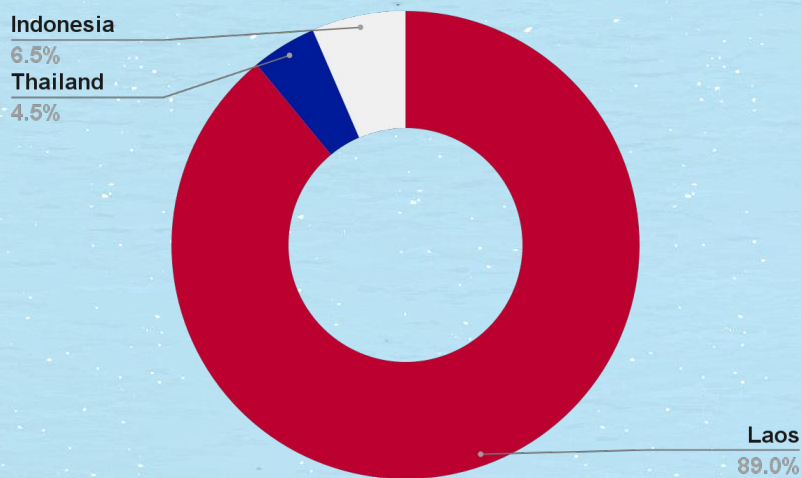
Singapore, Thailand, and Malaysia are in constant improvement while Indonesia and Laos are working hard to increase the sanitation facilities.

Limited Sanitation Services



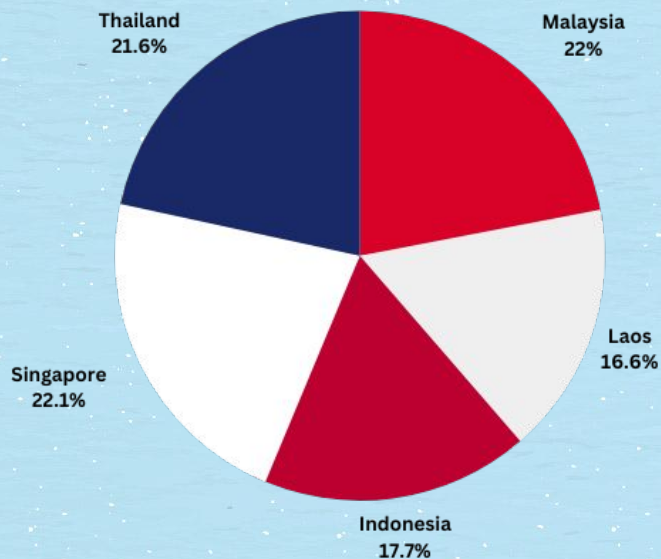
Singapore and Malaysia rarely experience limited sanitation services. Thailand, Laos, and Indonesia experience limited sanitation services due to excessive population.

Improved Latrines and Other Improved Facilities

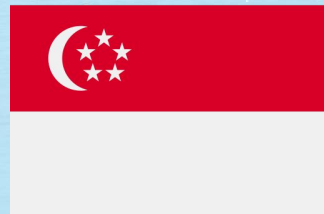


- LAOS has made efforts to improve access to improved latrines and other sanitation facilities during the period.
- INDONESIA has been working to construct improved latrines, toilets, and waste management systems in communities lacking proper sanitation facilities.
- THAILAND has worked to provide better sanitation options, including improved latrines.

At least Basic Drinking Water Services

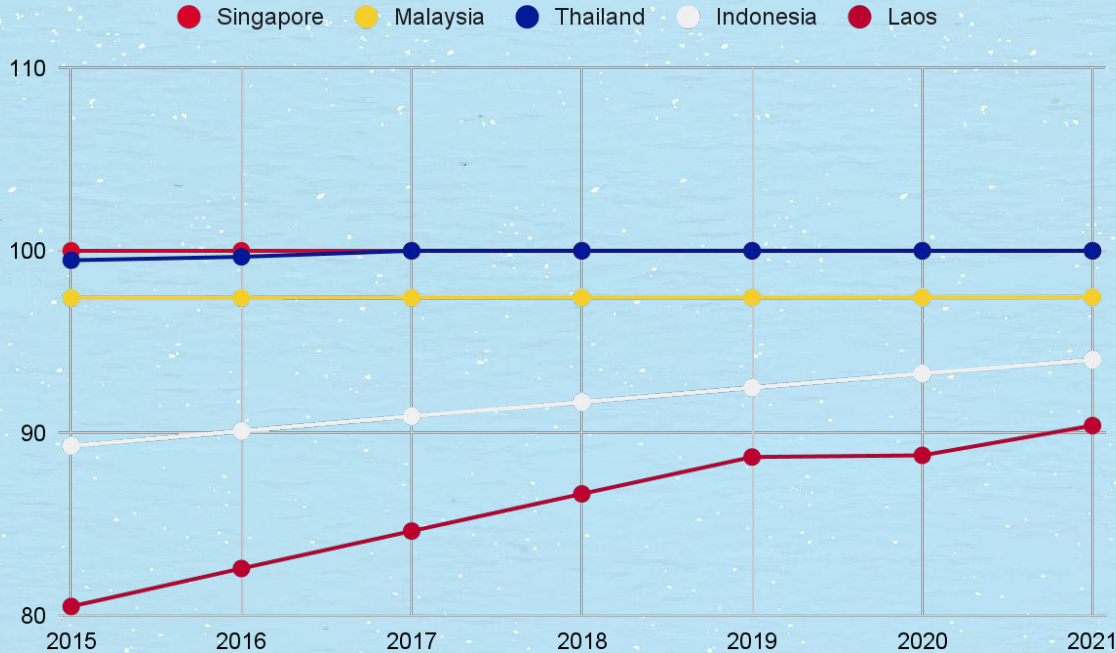


Laos has problems with providing drinking water especially in rural and remote areas that depend on alternative water sources.



Singapore has the best and the most established drinking water supply using a diversified water supply.

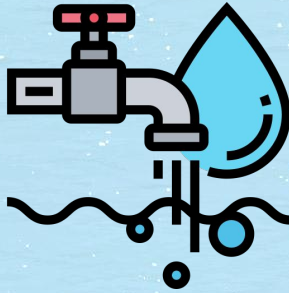
Improved Drinking Water Sources



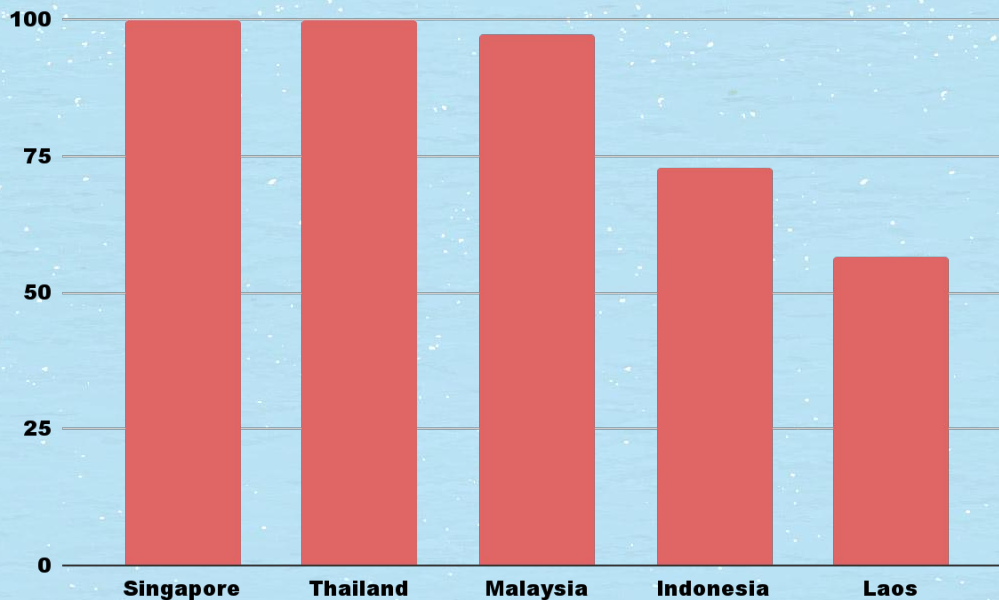
While SINGAPORE maintains its development in water supply system from 2015 to 2020, LAOS has progressively made significant process to the access drinking water sources. Even though there are challenges to provide access efforts have been made to expand water supply infrastructure.



Water Sources, Hygiene, and Sanitation on Schools on these countries

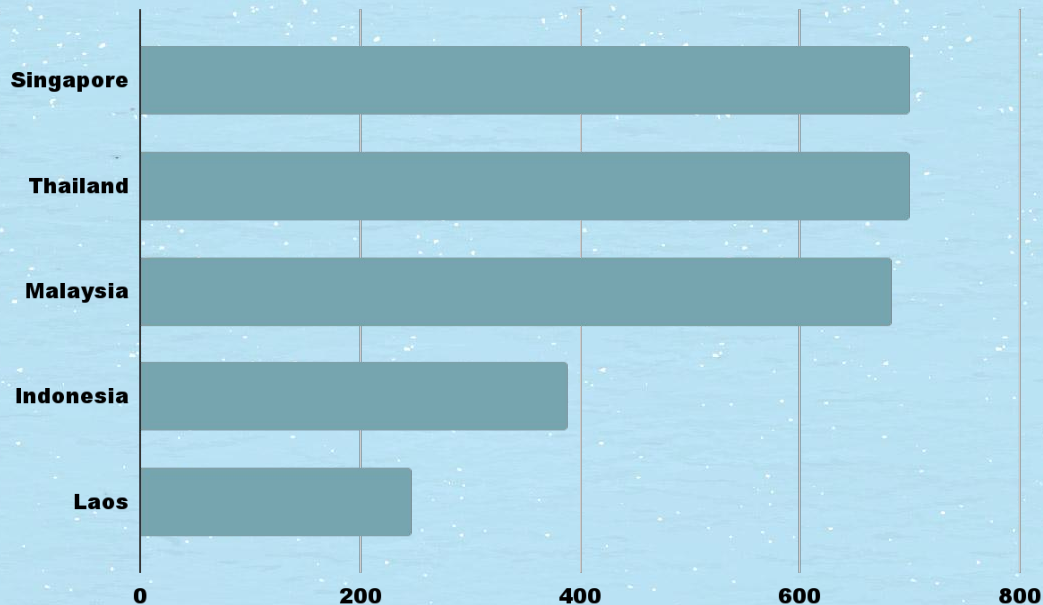


Schools With Basic Drinking Water Services



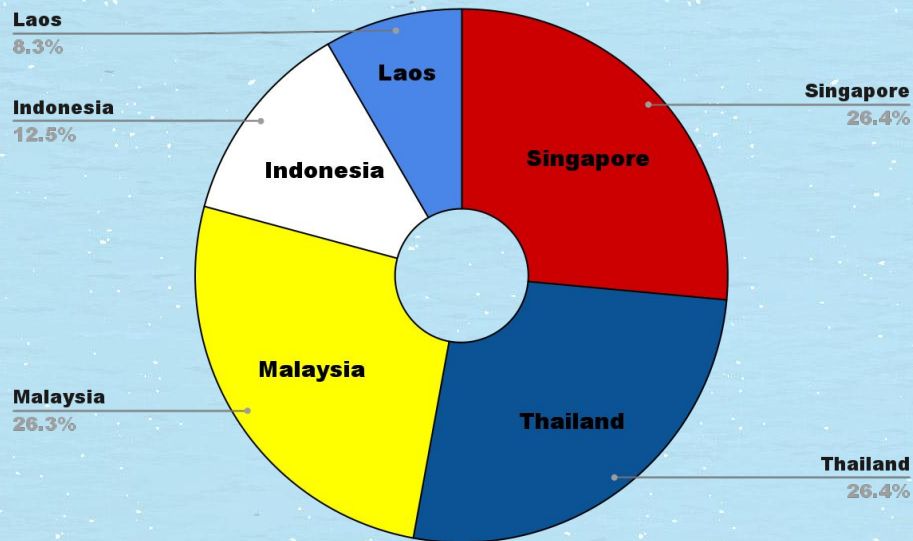
Majority of the country are able to provide basic drinking water services in schools with Singapore, Thailand, and Malaysia leading the charts.

Schools With Basic Hygiene Services



Most of these countries have basic hygiene services with well-established facilities. Indonesia and Laos are working on improving to a better basic hygiene services.

Schools With Basic Sanitation Services

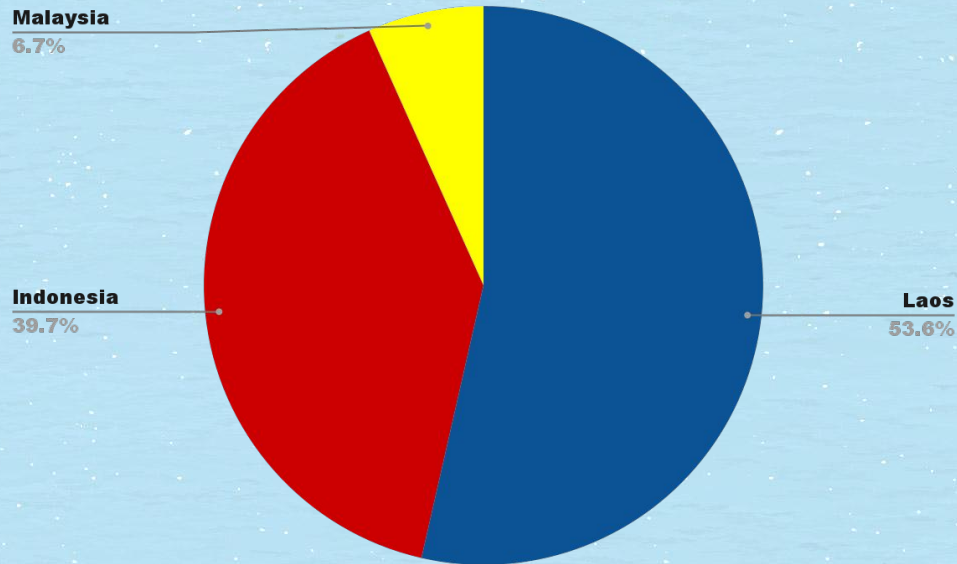


Laos and Indonesia are focusing on providing basic sanitation services in schools especially in rural areas. Singapore and Thailand are ahead of other countries with advanced facilities.




Schools With Limited Hygiene Services



Among the five countries, the two countries that are limited in hygiene services are Indonesia and Laos. This is because of limited resources and findings.

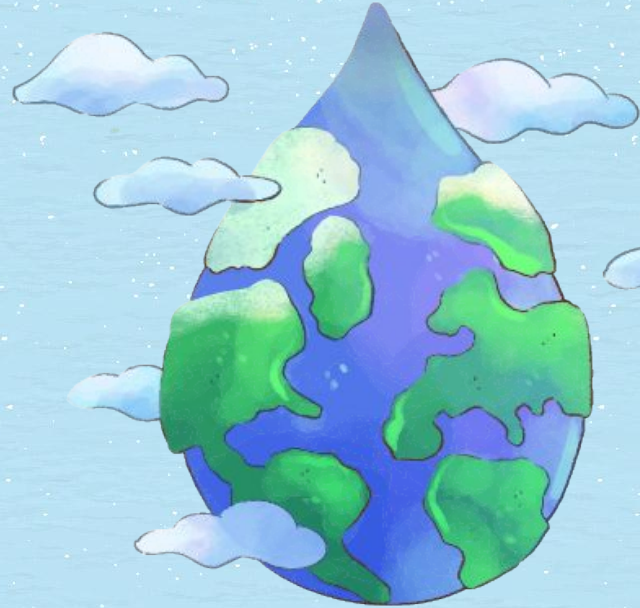


Proportion of Drinking Water, Basic Sanitation & Hygiene for Every Countries

		SINGAPORE	MALAYSIA	THAILAND	INDONESIA	LAOS
DRINKING WATER		100.00	97.43	99.86	91.31	85.32
BASIC SANITATION		100.00	99.57	97.93	80.00	75.39
HYGIENE		700.00	699.31	684.24	387.38	246.47

SUMMARY

Overall, Singapore has the highest rank among all the features that has been visualized in this project. Other countries which are not limited to SEA countries only, can improve much more to provide a better water quality and sanitation for the future generation.



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