

## Hand Hygiene Compliance Rates

Hand hygiene (HH) relates to the removal of visible soil and the removal or killing of microorganisms from the hands and may be accomplished using soap and running water or an alcohol-based hand rub.

The single most common way of transferring health care-associated infections (HAI) is by the hands of health care workers. Health care worker's hands may acquire infection-causing organisms from contact with patients, or after handling contaminated material or equipment. Monitoring hand hygiene practices is vital to improving infection rates and reducing HAI.

Two indications define hand hygiene (HH) compliance:

**(i) Before initial patient/patient environment contact;**

**(ii) After patient/patient environment contact.**

Hand Hygiene Rates	Emara Centre		Tayfour Rehab Centre		Toldo NBI	
	i	ii	i	ii	i	ii
Oct 2013-Mar 2014	48.42%	70.83%	71.59%	84.28%	100.00%	100.00%
Apr-Mar 2015	53.97%	75.09%	73.15%	84.40%	92.40%	87.99%
Apr-Mar 2016	80.16%	91.94%	90.28%	95.22%	95.61%	92.94%
Apr-Mar 2017	83.36%	97.37%	92.64%	97.54%	96.67%	95.92%
Apr-Mar 2018	92.06%	96.57%	92.28%	95.58%	92.94%	82.08%
Apr-Mar 2019	97.18%	96.81%	96.04%	96.61%	91.36%	97.04%
Apr-Mar 2020	89.54%	93.89%	97.17%	98.33%	93.12%	96.11%
Apr-Mar 2021	92.31%	96.54%	96.68%	98.71%	92.67%	97.71%

\*Due to confidentiality, MoHLTC has suggested that Ontario hospitals report cases 1 to 4 as <5.

HH Rate =  $\frac{\text{Number of times HH was performed for each indication} \times 100}{\text{Number of observed HH indications for each indication}}$