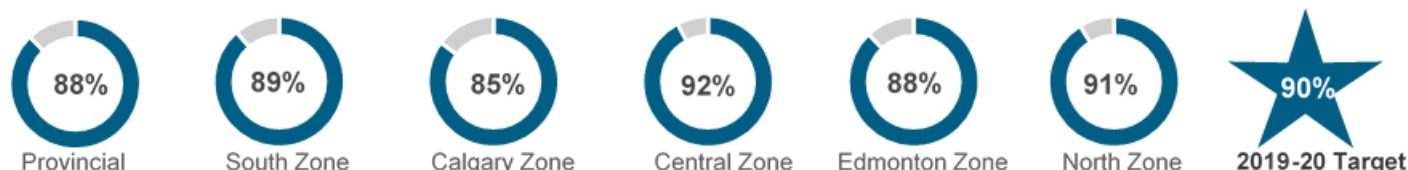


HAND HYGIENE COMPLIANCE

DEFINITION: The percentage of opportunities in which healthcare workers clean their hands during the course of patient care.

WHY THIS IS IMPORTANT: Hand hygiene is the single most effective strategy to reduce the transmission of infection in the healthcare setting. Direct observation is recommended to assess hand hygiene compliance rates for healthcare workers. The higher the percentage the better, as it demonstrates more healthcare workers are complying with appropriate hand hygiene practices. Healthcare workers are directly observed by trained personnel to see if they are compliant with routine hand hygiene practices according to the Canadian Patient Safety Institute's "4 Moments of Hand Hygiene" which are: before contact with a patient or patient's environment, before a clean or aseptic procedure, after exposure (or risk of exposure) to blood or body fluids, and after contact with a patient or patient environment.

Hand Hygiene Compliance, FY 2019-20



Hand Hygiene Compliance

Zone	Site	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2019-20 Target
Provincial	Provincial	75%	80%	82%	85%	87%	88%	90%
South Zone	South Zone	82%	82%	84%	80%	87%	89%	90%
	Chinook Regional Hospital	85%	82%	83%	78%	87%	87%	90%
	Medicine Hat Regional Hospital	77%	82%	87%	84%	89%	90%	90%
	Other South Hospitals	85%	83%	83%	81%	87%	90%	90%
Calgary Zone	Calgary Zone	71%	78%	81%	84%	86%	85%	90%
	Alberta Children's Hospital	74%	77%	80%	79%	81%	82%	90%
	Foothills Medical Centre	66%	76%	83%	84%	85%	84%	90%
	Peter Lougheed Centre	77%	85%	79%	80%	85%	88%	90%
	Rockyview General Hospital	68%	74%	84%	88%	91%	90%	90%
	South Health Campus	59%	69%	76%	77%	76%	82%	90%
	Other Calgary Hospitals	77%	80%	79%	85%	88%	89%	90%
	Central Zone	Central Zone	74%	81%	78%	87%	91%	92%
Red Deer Regional Hospital Centre	69%	78%	78%	85%	88%	89%	90%	
Other Central Hospitals	77%	82%	78%	87%	92%	93%	90%	
Edmonton Zone	Edmonton Zone	74%	79%	83%	86%	87%	88%	90%
	Grey Nuns Community Hospital	75%	73%	83%	89%	92%	92%	90%
	Misericordia Community Hospital	77%	75%	80%	86%	88%	89%	90%
	Royal Alexandra Hospital	75%	81%	84%	86%	85%	87%	90%
	Stollery Children's Hospital	75%	79%	80%	81%	80%	85%	90%
	Sturgeon Community Hospital	81%	84%	86%	88%	83%	85%	90%
	University of Alberta Hospital	70%	74%	85%	88%	89%	87%	90%
	Other Edmonton Hospitals	73%	79%	82%	86%	89%	90%	90%
North Zone	North Zone	81%	87%	88%	88%	89%	91%	90%
	Northern Lights Regional Health Centre	64%	88%	87%	82%	88%	94%	90%
	Queen Elizabeth II Hospital	91%	96%	91%	88%	81%	86%	90%
	Other North Hospitals	74%	85%	88%	89%	90%	91%	90%

Total Observations (excludes Covenant sites)

Zone	2015-16	2016-17	2017-18	2018-19	2019-20
Provincial	396,941	383,982	334,396	321,717	313,833
South Zone	39,185	38,056	18,277	26,191	28,987
Calgary Zone	182,568	162,014	128,687	114,642	122,216
Central Zone	45,144	35,952	39,162	41,865	38,945
Edmonton Zone	100,965	125,926	118,535	107,935	95,583
North Zone	29,079	22,034	29,735	31,084	28,102

Sources: AHS Infection Prevention and Control Surveillance and Standards as of May 20, 2020; Covenant Health Infection Prevention and Control as of January 15, 2020.

Notes:

- Covenant Health sites (including Misericordia Community Hospital and Grey Nuns Hospital) use different methodologies for capturing and computing hand hygiene compliance. These are available twice a year in spring (Q1 & Q2) and fall (Q3 & Q4). These are not included in the Edmonton Zone and Provincial totals.
- "Other Sites" include any hand hygiene observations collected at an AHS operated program, site, or unit including acute care, continuing care, and ambulatory care settings such as Cancer Control, Corrections, EMS, Hemodialysis, Home Care, and Public Health.