

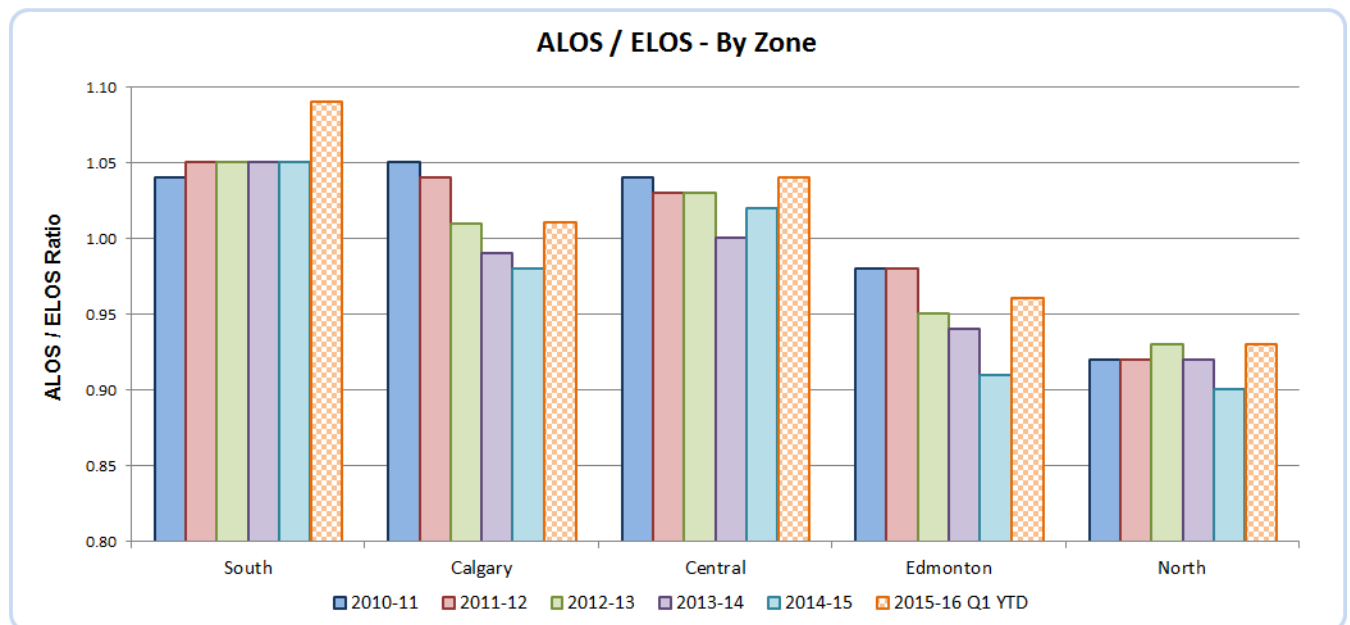
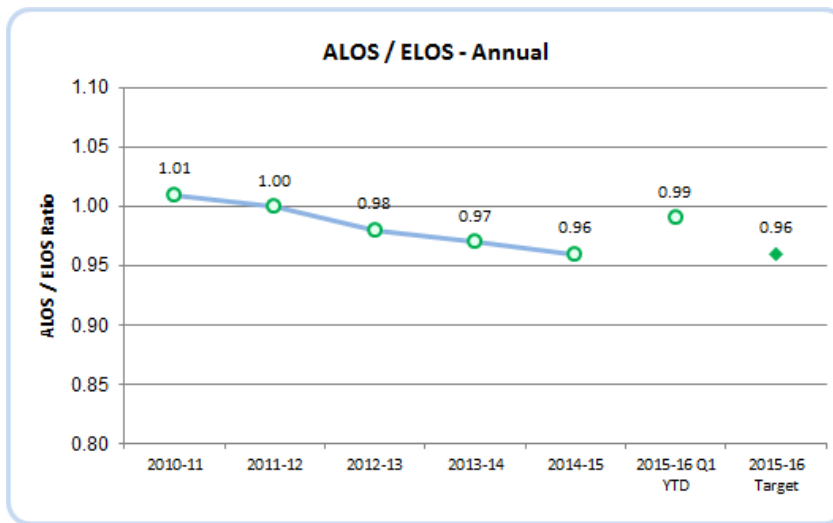
Acute (Actual) Length of Hospital Stay (ALOS) Compared to Expected Length of Stay (ELOS)

Measure Definition

The average number of actual days patients stay in acute care hospitals compared to the expected length of stay for a typical patient. This measure compares actual length of stay in hospital to expected length of stay after adjusting for factors that affect in-hospital mortality, such as patient age, sex, diagnosis and other conditions. The expected length of stay is based on comparison to similar patients in national databases.

Understanding this Measure

This measure gauges how efficiently beds are utilized in the hospital. A ratio of actual to expected length of stay which is below one, represents an overall greater than expected efficiency and indicates that more patients are able to be treated for a given inpatient bed. Monitoring this ratio can help health-care teams ensure care appropriateness and efficiency. Improvement in this measure enables the ability to treat more patients with the existing beds and other resources.



ALOS/ELOS – Actions

Provincial/ Strategic Clinical Network (SCN)	<ul style="list-style-type: none"> For all 16 in-scope AHS facilities, commence implementation and audit process for bedside shift report, bedside whiteboards, care hubs, comfort rounds, Rapid Rounds and frontline leadership development. Continue deployment of Medworxx across acute care system in Alberta. Continue implementation of the Enhanced Recovery After Surgery (ERAS) project at six early adopter sites (Surgery SCN).
South	<ul style="list-style-type: none"> Implementation of Phase 1 CoACT deliverables at two regional pilot sites including: collaborative care leadership, care hub, comfort rounds, rapid rounds, patient bedside whiteboard, and bedside shift report.
Calgary	<ul style="list-style-type: none"> Implementation of the six core elements of CoACT including care hubs at Rockyview General Hospital and South Health Campus.
Central	<ul style="list-style-type: none"> Optimize Medworxx utilization as a platform to facilitate interdisciplinary team communication and discharge planning. Implement six priority CoACT core elements at all in scope sites (RDRH, Wetaskiwin and Drumheller).
Edmonton	<ul style="list-style-type: none"> Utilize predictive tools and communication strategies for proactive management of patient discharge and bed management. Implement CoACT leading practices at acute care sites.
North	<ul style="list-style-type: none"> Implement CoACT components at four sites to improve bed utilization and patient flow. All sites have implemented more than one CoACT element in Q1. Patient rounds (quality improvement approach) will focus on streamlining the discharge process. Implementation of rural discharge planning model initiated in two sites in Q1.

IN SUMMARY

AHS is developing standardized care planning tools such as care pathways for specific patient groups, to improve communication between all team members, our patients and their families. This will ensure that every patient receives the best quality of care for their medical condition as well as their personal situation.

DID YOU KNOW

Enhanced Recovery After Surgery (ERAS) provides new and consistent ways of managing care before, during and after surgery. For example, reducing pre-surgical fasting times, carbohydrate loading, avoiding salt and water overload, not using surgical drain tubes, using specific anesthetic approaches, mobilizing and eating early after surgery all help with early recovery.

Medworxx is used by those involved in patient care and flow (nurses, physicians, clinical coordinators, discharge planners and administration) to enhance how acute care capacity is managed and improve patient experience by addressing challenges associated with patient care and flow.

ALOS/ELOS– Zone and Site Details

The average number of actual days patients stay in acute care hospitals compared to the expected length of stay for a typical patient.

Acute (Actual) Length of Hospital Stay Compared to Expected Stay	2012-13	2013-14	2014-15	Q1 YTD		Trend *	2015-16 Target
				2014-15 Last Year	2015-16 Current		
Provincial	0.98	0.97	0.96	0.96	0.99	↓	0.96
South Zone Total	1.05	1.05	1.05	1.05	1.09	↓	1.00
Chinook Regional Hospital	1.08	1.06	1.06	1.07	1.09	↓	1.01
Medicine Hat Regional Hospital	1.05	1.08	1.06	1.05	1.10	↓	1.00
All Other Hospitals	0.95	1.03	0.98	0.97	1.03	↓	0.95
Calgary Zone Total	1.01	0.99	0.98	0.98	1.01	↓	0.97
Alberta Children's Hospital	0.98	1.00	0.91	0.96	0.95	↑	0.96
Foothills Medical Centre	1.04	1.01	1.01	1.01	1.03	↓	1.00
Peter Lougheed Centre	0.99	0.98	0.97	0.96	1.02	↓	0.97
Rockyview General Hospital	1.00	0.99	0.99	0.99	1.03	↓	0.97
South Health Campus	N/A	0.94	0.94	0.96	0.96	→	0.97
All Other Hospitals	0.96	0.96	0.96	0.95	0.93	↑	0.96
Central Zone Total	1.03	1.00	1.02	1.01	1.04	↓	0.98
Red Deer Regional Hospital Centre	1.06	1.03	1.05	1.05	1.08	↓	1.00
All Other Hospitals	1.00	0.97	0.99	0.98	0.99	↓	0.97
Edmonton Zone Total	0.95	0.94	0.91	0.91	0.96	↓	0.94
Grey Nuns Community Hospital	0.99	0.93	0.88	0.90	0.95	↓	0.97
Misericordia Community Hospital	1.04	0.97	0.96	0.96	1.02	↓	0.99
Royal Alexandra Hospital	0.92	0.93	0.91	0.90	0.95	↓	0.91
Stollery Children's Hospital	0.98	1.00	0.92	0.92	1.01	↓	0.97
Sturgeon Community Hospital	0.90	0.92	0.90	0.92	0.95	↓	0.90
University of Alberta Hospital	0.92	0.91	0.91	0.90	0.94	↓	0.92
All Other Hospitals	0.98	1.02	0.98	0.97	1.01	↓	0.97
North Zone Total	0.93	0.92	0.90	0.89	0.93	↓	0.92
Northern Lights Regional Health Centre	0.95	0.96	0.93	0.91	0.93	↓	0.95
Queen Elizabeth II Hospital	0.93	0.93	0.87	0.85	0.91	↓	0.93
All Other Hospitals	0.92	0.91	0.91	0.91	0.94	↓	0.91

N/A: No results available. South Health Campus opened February 2013.

*Trend: ↑ Improvement → Stability ↓ Area requires additional focus

Total Discharges	2012-13	2013-14	2014-15	Q1 YTD	
				2014-15 Last Year	2015-16 Current
Provincial	385,536	393,765	401,323	102,782	102,883
South Zone	31,640	31,093	31,125	8,220	7,955
Calgary Zone	130,842	136,598	140,554	35,485	36,072
Central Zone	45,619	44,589	45,691	11,649	11,894
Edmonton Zone	132,337	135,970	139,053	35,705	35,617
North Zone	45,098	45,515	44,900	11,723	11,345