

Background: Data to Decisions

Data to Decisions (D2D) is a voluntary summary of performance of AFHTO members by AFHTO members. It shows performance on a small number of measures that members felt were meaningful and possible to measure. For more information, go to: www.afhto.ca/measurement/afhto-members-making-progress-on-primary-care-measurement/.

Over 150 of AFHTO’s 185 members have contributed data to D2D. These Family Health Teams and Nurse Practitioner-Led Clinics are spread across Ontario. They reflect our diversity: Large and small, urban and rural, academic and not. In our fourth iteration (D2D 4.0), released in September 2016, we saw an improvement in EMR data quality, with scores increasing from 69% in the previous iteration to 79% in D2D 4.0. We continue to see high performance in the indicators that matter most for patients: for example, 91% feel that they’re as involved as they want to be in decisions about their care and 79% feel they can book an appointment within a reasonable time. We also saw further evidence that high-quality care is associated with lower system costs.

Higher Quality, Lower Cost

In D2D 2.0, AFHTO introduced the **Quality Roll-up Indicator** to better reflect the comprehensive nature of primary care through a single measure. This measure reflects what matters to patients while also considering what is important to providers. It is a composite measure based on pioneering work of the Starfield Model by George Southey, family physician and AFHTO member.

Through the quality roll-up indicator, we are now able to compare quality to cost. It has provided concrete evidence that higher quality, comprehensive, patient-centered care is related to lower healthcare costs per person (Figure 1). This calculation takes patient complexity and rurality into account.

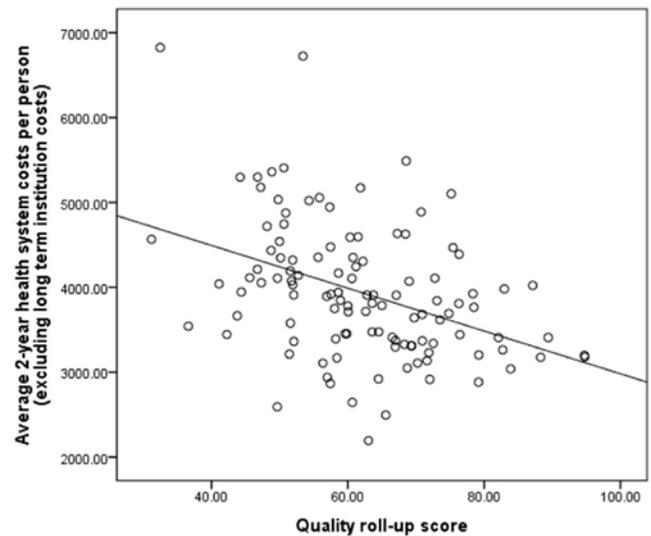


Figure 1: Relationship between overall team quality score and average health care costs for each patient in the team.

LHIN-Specific Performance

Table 1 (over) shows the average performance for all teams in each LHIN region on the core D2D 4.0 indicators. They are presented in descending order of patient priority. The full labels and definitions of the indicators are described in the D2D data dictionary which is available to members by clicking on the links in the table. Non-members may access an offline copy by contacting improve@afhto.ca.

Performance is highly affected by rurality, patient complexity, geographical dispersion, proximity to other services and many other factors. LHIN-to-LHIN comparison without considering these factors is inappropriate. Data is suppressed (*i.e.*, n/a) where less than 6 teams responded, except where those teams have expressly granted us permission to share it.

Indicator	1-Erie St. Clair	2-South West	3-Waterloo Wellington	4-HNHB	5-Central West	6-Miss-Halton	7-Toronto Central	8-Central	9-Central East	10-South East	11-Champlain	12-NSM	13-North East	14-North West	Province
Contribution: % of teams in LHIN	73	75	89	67	Data suppressed	71	69	58	80	73	42	50	70	20	63
Rural: % of teams contributing	50	73	50	40		20	0	14	50	36	38	67	84	100	50
SAMI	1.03	0.91	0.87	1.02		1.05	1.06	1.06	1.01	0.98	0.98		1		0.99
% of patients involved in decisions as much as they want to be	91	89	89	93		94	93	92	90	91	90		89		91
% of patients able to get appointment in a reasonable time	84	75	77	80		80	80	85	79	82	87		73		79
% of discharged patients with readmission <30 days	5	5	5	6		6	6	5	7	6	6		7		6
% of primary care visits to patient's regular provider TEAM	73	87	83	76		71	66	66	68	80	85		83		76
% of patients satisfied with office staff courtesy	84	88	94	86		92	84	89	92	92	95		87		89
Diabetes Care (composite score)	0.49	0.7	0.67	0.69		0.37	0.48	0.57	0.67	0.66	0.68		0.68		0.64
% of eligible patients screened for colorectal cancer	63	57	58	58		69	69	66	63	59	66		65		63
% of eligible patients screened for cervical cancer	61	66	65	67		71	71	72	64	68	67		60		66
% of eligible children meeting PHAC immunization guidelines	48	75	65	68		88	71	73	52	69	55		57		66
% of patients able to get appointment on same/next day when sick	47	44	59	62		54	56	57	45	57	58		41		51
Total healthcare system cost (adjusted: age/sex/complexity)	2645	2794	2616	2518		2518	3100	2497	2194	3287	2671		2749		2741
EMR data quality (composite score)	0.76	0.75	0.87	0.78		0.65	0.98	0.7	0.77	0.72	0.9		0.86		0.79

Table 1: LHIN-Specific D2D Data Summaries: