Responding to crisis with a systems approach

Case: Central Adelaide LHN Mental Health

John Mendoza

Co-Director, ConNetica (former Exec Director MH & SA Prison Health, CALHN)

Adj Asso Professor, Brain & Mind Centre, University of Sydney

Adj Professor, Health & Sport Science, University of Sunshine Coast

jmendoza@connetica.com.au | www.connetica.com.au



Near daily reports on Mental Health crisis

- Decades of systemic problems:
 > human rights abuses
 > dozens of consultancy & stat auth reviews (recommendations ignored)
- No new \$ in community MHS in 10+ yrs & loss of many innovations
- OCP "Conditions" in place RAH ED & IRS
- Culture of bullying Tribal warfare between ED & MH
- Staff shortages in every team in every LHN (up to 30% in CMH)
- Constant negative narrative in media & bureaucracy
- A MH crisis well before Covid





Prisoner 'shackled to bed for more than 85 hours' at Royal Adelaide Hospital

By Loukas Founter

Prisons

Sat 10 Feb 2018

https://www.facebook.com/watch/?v=370 004660636847

Chief Psychiatrist issues intervention order to reduce shackles to improve the RAH ED

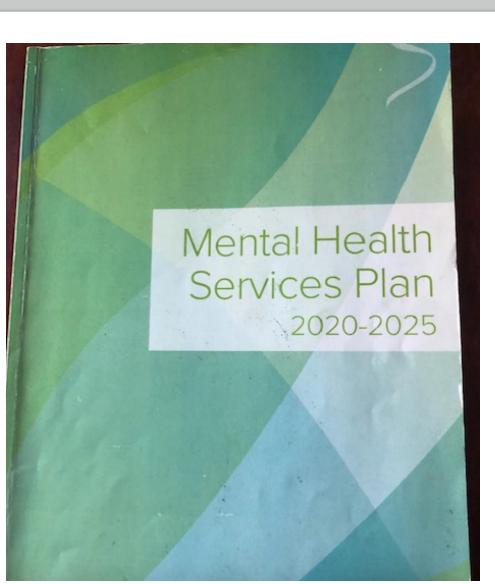
An intervention order has been issued on the RAH over use of shackles, physical restraints and solitary confinement on agitated mental health patients stuck in the emergency department.

The Advertiser 100

A Services Plan without

- a model of care
- regional modelling and planning
- an implementation plan
- a workforce plan
- a culture change strategy
- an investment plan
- or effective governance

.... is barely a philosophy of care





CALHN & the RAH – Ground Zero

Context is (just about) everything

- CALHN \$2.7B recurrent, 14,000 staff. MH 830 staff, 13 units.
- RAH PR Disaster from Day 1
- Massive cost overruns in build & operations – ops overspend \$330m
- CALHN put into administration in 2018/9 KordaMentha
- Priority areas for reform: AAU & MH
- Broken relationships between ED & MH clinicians & between MH units
- Multiple adverse reports from OCP, OOSA, PA, HC – IRS, RAH ED
- Awful performance metrics for MH: transfer of care & consumer experience



"The new Royal Adelaide Hospital (RAH), which opened in September 2017 in the city's CBD, is arguably Australia's most technologically-advanced hospital. From its fleet of robots (aka, Automated Guided Vehicles) that carry around supplies, food and equipment to its pneumatic tube automated internal delivery system, the 800 bed, environmentally-friendly hospital **is a harbinger of the future of healthcare."**



The Start of the Reform

MH Medical Director & Nursing Director in 2018

New CEO + KordaMentha late 2018

"Critical Friends" appointed 2019

Report in December 2013-

Board, Exec & DHW engagement

Systemic reform report Dec 2019

3 key messages:

- Systems approach
- One service, one team
- Mental health is core business for all of CALHN

Asked to be Exec Dir MH Jan 2020

CALHN Board: "A master class in mental health services"



CALHN

Mental Health Interim Report on Hospital Flow in Emergency Depts and Mental Health Units

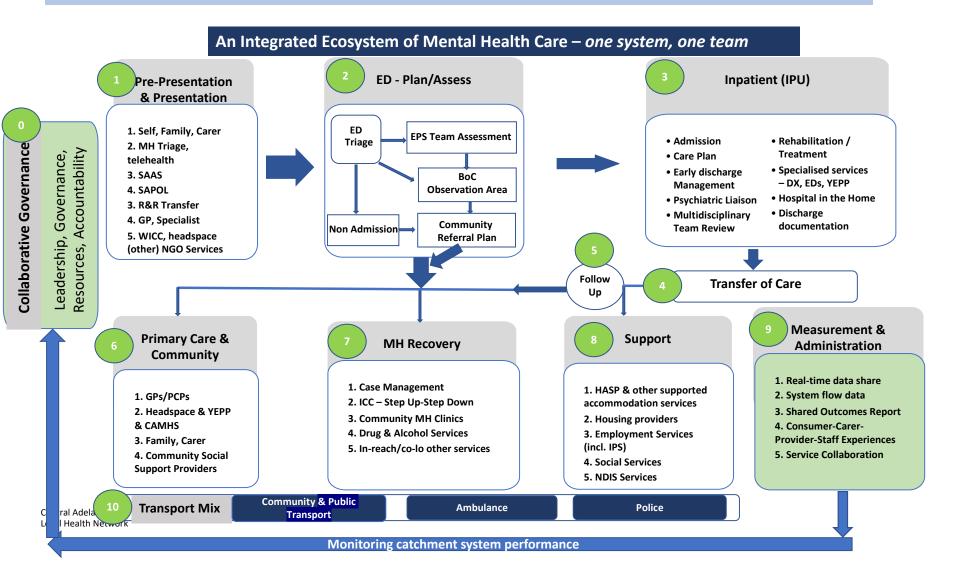
FOR DISCUSSION PURPOSES ¶

Commercial in Confidence¶ December 2019¤

Intervention Strategy: Strategic Responses to Escalation in Crisis Presentations

Key Components	Methods & applications
Person centred care	Engage consumers & family/carers to support self-care Reduce (ultimately) eliminate all coercive practice Trauma informed care on every engagement – phone2home
Integrated models of care	Beyond traditional models of ED MH – upskill all ED staff; commence care in ED; rapidly stabilise crisis; use telepsych; provide calm spaces Build partnership in community 'to slow flow' to ED & AAU
Health ecosystems research & method	Whole of system approach to understand complexity & context Map services, population needs, patterns of care, gaps etc Applied hospital transitions ecosystem model (see later)
Flow theory & method	Whole of hospital approach. Understand demand, optimise resources Standardise process: presentation>assessment>disposition>discharge Use data to drive system improvement
Values based leadership	Work toward a common set of values – <i>one service, one team</i> Distribute leadership & authority – <i>ride the boundaries, free the reins</i> When the going is tough <i>Be present. Be visible. Be available.</i>
Lean management	'Now-soon-later'. Focus on outputs and impacts LM toolkits & guidance (templates, guidance & rapid evidence reviews)
Change management theory & method	Apply evidence based communication-beh change framework Apply 'Normalisation Process Theory' – cognitive participation, collective action, sense-making, reflexive monitoring

A health ecosystem application to hospital transitions

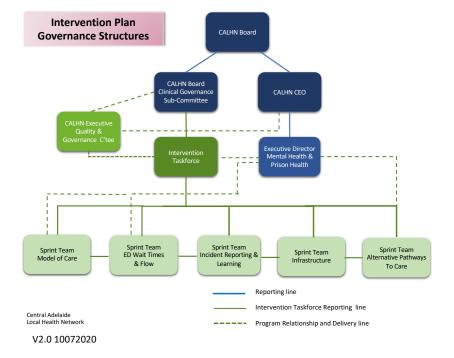




Intervention Strategy – some of the how

Governance

Structures



Key Personnel

1. Chair CALHN Board Clinical

6. Sprint Team ED Wait & Flow, Anna

7. Chair Sprint Team Incident

8. Chair Sprint Team Infrastructure,

9. Chair Sprint Team Alternative Pathways to Care,

Lean methods & tools

Sprints

Sprints - the tasks we

1. Implement Intensive

2. Develop draft new Model

of Care by 17 July

ED by 6 July

must complete in 30 days

ノリ

or less

E.G.

Middle Distance



Our Middle Distance Events - what we must complete on or before 25 September 2020

E.G.

- 1. Fully documented Model of Monitoring Plan in RAH Care for both RAH & QEH EDs
 - 2. Complete the consultation of workforce implementation plan



Marathon

Our Half & Full Marathon Events - what we must complete or achieve by 31 December 2020 & 30 June 2021

E.G.

- 1. Creating three Alternative Pathways to Care
- 2. Changes to the physical ED space at RAH

What we Have Achieved to Date

As at 22/09/20



MH Co-Responder Programs (SAAS & SAPOL)
ü SAAS MH-CORE now 7 days a week
ü 2 ED avoidances Daily
ü SAPOL MH-CORE Pilot & now continuing
ü Over 30 calls every day



Way Back Support Service

ü Agreement with SA Health and Adelaide PHN on Way Back Support Service to support consumers discharged and at elevated suicide risk



New Models of Care & Increased Capacity ü GP Nurse Liaison commenced in the East & West ü Older Persons Rapid Access Clinic (from Oct) ü MH-Hospital in the Home (from Oct) ü RAH ED Flex Beds



Infrastructure ü Identification & Confirmation of RAH ED interview room ü Quotes received ü Ligature audit complete ü Construction commences 28 Sept 2020



Data sets ü Initial data analysis complete on CALHN ED MH Performance ü Application of Flow Metrics Analysis



Homeless Population

ü Agreement with Baptist Care to support homeless population in Central Adelaide

ü OWI developed and implemented on discharge to homelessness



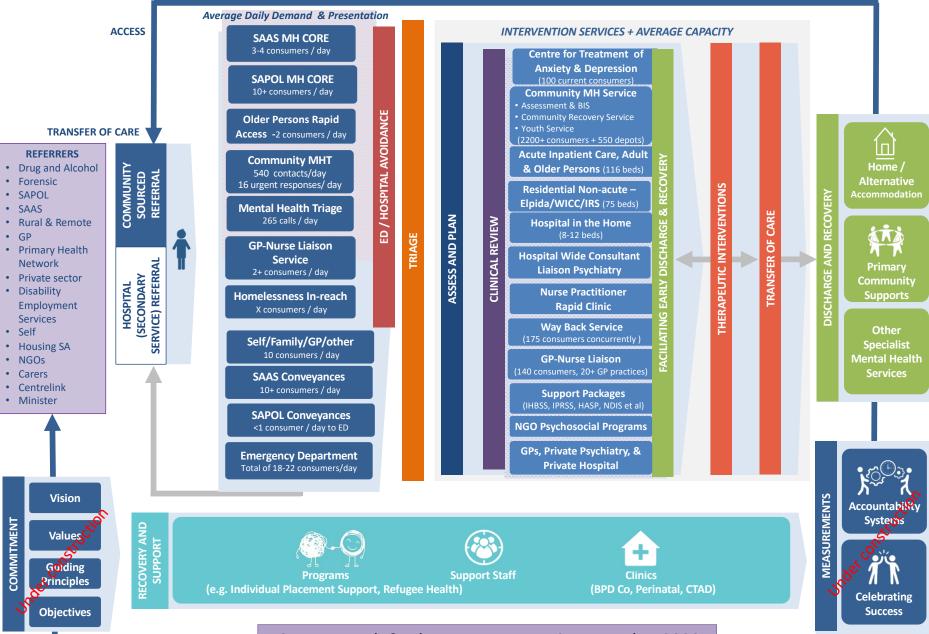
Incident reporting

ü Incident reporting established in RAH ED ü Confirmation with OCP on data reporting ü Incident review process (learning) established in RAH ED ü Sunrise and SLS streamlining discussions with SA Health



Service Redesign & Improvement ü ED-MH Workflows Defined ü Inpatient Rehabilitation Service Model of Care complete ü Redesign of Community MH Services ü Reductions in Restrictive Practices in all units

16 initiatives completed in 2020. 16 more underway 2021.



Our approach & where we are as at 31 December 2020

The January 2021 Monthly Headlines

- Activity across acute inpatient, MH Triage & community services well above plan.
 28% East; 3% West
- Year to 31 December, activity up 24.8%. NWAU in Dec 129%; Acuity 15%
- Financial performance impacted by agency/contract staff costs due to high demand + recruitment challenges. Total YTD 1% over approved spend
- Unable to proceed with NEPT procurement to date due to DHW
- Quality of care: significant improvements as measured by:
 - ALOS down below 14 all adult sites. OPMH 39 to 22 (2024 12.0)
 - Separations
 21.9%
 - Incidents of restrictive practice (3/1000 OBD seclusion vs 8.1 nationally & 2.6/1000 OBD restraints vs 11.0 nationally)
 - 7-day post discharge follow up (83-100% actual and attempted)
 - Consumer/carer compliments & complaints (8 & 2 in December)
- Outstanding or ongoing risk register issues reduced from 27 to 7 (will be zero after OCP removal of IRS conditions)

Source: Excerpt of Exec/Board Report, MHCP, January 2021

CAHLN Mental Health intervention 2020/21:

This is light years ahead of what has been planned and implemented in Australia. A true systemic program of reform.

.... the report (to OCP) is the only realistic knowledge-to-action plan based on data that I have seen published in Australia

Professor Luis Salvador Carulla Head of the Mental Health Policy Unit, Health Research Institute, University of Canberra Advisor to the European Commission, WHO et al

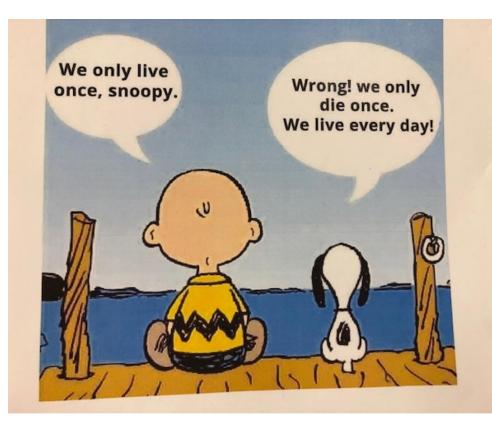
Advocacy Strategy

- 1. Do all one can reasonably do working within the system
- 2. Build a coalition
- 3. Start quietly
- 4. Hit in a media lull
- 5. Have multiple media outlets competing for stories. Feed them well
- 6. Have facts & feelings (personal stories)
- 7. Overwhelm opposing views with saturation coverage
- 8. Provide solutions (i.e. 10point Covid Plan)
- 9. Take up initial offer/s
- 10. Return to critique if a 'mirage'



Thanks for listening and contributing

I will not go silently – I have a duty of care to the staff at Central Adelaide Local Health Network and an obligation to the community to call for real action by our governments to meet the mental health needs in the shadow of the Covid pandemic



Email: jmendoza@connetica.com.au | Web: www.connetica.com.au LinkedIn: https://www.linkedin.com/in/john-mendoza-553aa718b/

Performance Update: Inpatient Activity

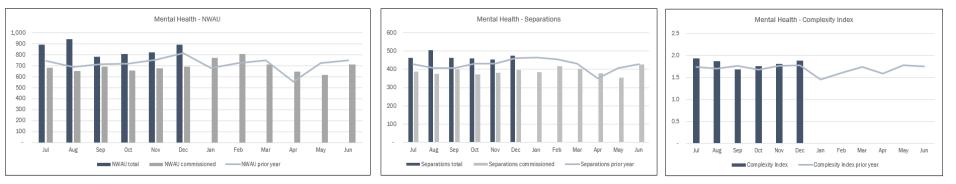
NWAU's/Separations/Acuity/ALOS - RAH & TQEH - Dec 2020 YTD

CALHN Inpatient Activity Tracker (Final Monthly report) - Dec 20 Report

99.82% of Dec 20 Seps Coded and 99.97% of Total Seps Coded for FY 2020-2021

2020-2021 Casemix Funded Activity - CALHN IP Report-By Disch Clinic

	NWAU							SEPARATIONS					ACUITY			ALOS (DAYS)										
	YEAR-TO-DATE Jul 20 to Dec 20 (6x mnths)					YEAR-TO-DATE Jul 20 to Dec 20 (6x mnths)					YEAR-TO-DATE Jul 20 to Dec 20 (6x mnths)				YEAR-TO-DATE Jul 20 to Dec 20 (6x mnths)											
Discharge Clinic	Coded	UnCded	Total	Сар	Cap Var	Var%	PY	PY Var	Var%	Coded	UnCded	Total	Сар	Cap Var	Var%	PY	PY Var	Var%	СҮ	PY	PY Var	Var%	СҮ	PY	PY Var	Var%
All Sites		å	Å					· ·																		
92 - RAH Acute MH	2,099	-	2,099	1,638	+461	+28%	1,793	+306	+17%	1,261	-	1,261	1,064	+197	+18.5%	1,156	+105	+9.1%	1.66	1.55	+0.11	+7%	4.6	5.3	-0.7	-14%
97 - RAH Hospital at Home MH	39	-	39	-	+39	+39%	-	+39	-	11	-	11	-	+11	+11.0%	-	+11	-	3.58	-	+3.58	-	14.8	-	+14.8	-
178 - RAH Neurostimulation Clinic MH	-	-	-	0	-0	-100%	1	-1	-100%	-	-	-	1	-1	-100.0%	1	-1	-100.0%	-	0.52	-0.52	-100%	-	0.2	-0.2	-100%
179 - RAH Psychiatric Intensive Care PIC MH	564	-	564	302	+262	+87%	397	+167	+42%	168	-	168	123	+45	+36.0%	166	+2	+1.2%	3.36	2.39	+0.97	+40%	8.2	7.4	+0.8	+11%
192 - RAH Acute MH	136	-	136	-	+136	+136%	-	+136	-	114	-	114	-	+114	+114.0%	-	+114	-	1.20	-	+1.20	-	2.7	-	+2.7	-
278 - RAH Short Stay MH	596	-	596	432	+165	+38%	493	+103	+21%	386	-	386	337	+49	+14.6%	365	+21	+5.8%	1.54	1.35	+0.19	+14%	3.5	3.4	+0.1	+3%
77 - QEH MH Short Stay	590	-	590	639	-49	-8%	631	-42	-7%	212	-	212	222	-10	-4.4%	215	-3	-1.4%	2.78	2.94	-0.15	-5%	10.2	10.4	-0.2	-2%
78 - QEH Acute MH	1,114	-	1,114	1,038	+76	+7%	1,123	-9	-1%	555	-	555	568	-13	-2.4%	570	-15	-2.6%	2.01	1.97	+0.04	+2%	7.5	7.2	+0.2	+3%
80 - QEH Psychogeriatric Acute	-	-	-	-	-	-	-	-	-	115	-	115	-	+115	+115.0%	90	+25	+27.8%	-	-	-	-	34.7	40.4	-5.8	-14%
Mental Health Totals:	5,139	-	5,139	4,048	+1,091	+27%	4,438	+701	+16%	2,822	-	2,822	2,315	+507	+21.9%	2,563	+259	+10.1%	1.82	1.73	+0.09	+5%	6.8	7.3	-0.4	-6%



Commentary & Observations

Demand for Mental Health Inpatient services across both RAH and TQEH continues to increase, with separations 22% above commissioned levels and 10% above the prior year. The demand is particularly strong at the RAH, increasing by over 15% compared with the prior year. In addition to the volume of activity increasing, the Complexity of the presentations have also increased by 5% when compared with the prior year and both factors are driving a 16% increase in NWAU value compared with the prior year. ALOS has reduced by 6% despite the additional volume and complexity. This additional volume and complexity in activity is driving up costs for the MH Program.

Performance update: Access & flow

Measure		Commentary		Supporting detail							
MMH ED Breaches	following MOC fin Revised medical r	osters developed on of alternate sites/mode		H ED Breaches Exc R&R $H ED Breaches Exc R&R$ $H Ex$							
ALOS Linked (General Acute)	 Target: 1-14 Days Actions: ED-MH interface of improvements. Business case redischarge plannin Second wave of in 	ial work support for	Dec 20 YTD Target 1-14 days CALHN subtotal RAH TQEH GLN	Curr. month 14 13 13 15	CALHN ALO Prev month 14 13 15 14	S Linked (Ge Prior period 15 11 15 21	TTD 15 13 15 17	Prev YTD 14 11 15 20			
28 Day Readmit Rates (General Acute – Linked)	 Target: 12% Actions: The mexpected but is November and reduction is from 	Dec 20 YTD Target 12% CALHN subtotal RAH TQEH	CALHN M Curr. month 15% 14% 13%	H 28-day reac Prev month 17% 21% 11%	Prior period 19% 25% 7%	(General acu YTD 17% 18% 14%	te - linked) Prev YTD 21% 23% 19%				
				GLN	19%	18%	19%	17%	20%		

Performance update

Safety and Quality

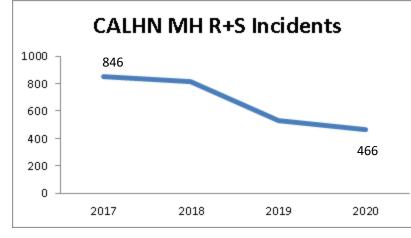
		· · · · · · · · · · · · · · · · · · ·		
Measure		Commentary		Supporting detail
	Target: Under 20 incidents per month and 7.4 per 1000 OBD	Outcome: 46 incidents & 10.4 Episodes per 1000 OBD in November 2020	Trend: Favourable	Restraint and Seclusion Incidents
Restraint & Seclusion	 Previous Finance Down by 14.3% 	o Date: July 2020– Nov 2 cial Year: July 2019 – Nov compared to previous FY down during 2020.	2019: 217 (N)	
	• Action: Restric	20 (Seclusion – 6.3 > 3.0 tive Practice Workshops h of Safe Wards planned ea	neld in May 20;	North Deerly 1845 Febrar Harrin Porth Harrin Intry Inthe Press Seba Oren North
	Target: State Target over 80%	Outcome: 72% Oct 2020	Trend: Favourable	7 Day PDFU
	Contact with Co	onsumer and/or Carer (with	hin 7 days)	90%
7 day post discharge follow up	trend across all six months to O exception of RA RAH 2G, 81% o made to contac • For adult units,	FYTD 73% vs PYTD 68%	$ \begin{array}{c} 80\% \\ -70\% \\ -70\% \\ -60\% \\ -50\% \\ -40\% \\ -30\% \\ -20\% \\ -10\% \\ -0\% \\ -10$	
	 Action: Intensi 	ve monitoring MHCP Exe	cutive.	2 1 61 10 62 22 1 12 0

Performance update: Safety and Quality - continued

Measure	Commentary	Supporting detail
	Target: 2 or less per monthOutcome: 1 in November 2020	Frend: Actual SAC 1 Incidents
SAC1 Incidents	 Actual SAC 1: 1 incident for the month of Nover 37.5% decrease this FYTD (5) compared to the Trending down slightly in 2020. All deaths of a Mental Health Consumer/Client their last six months of contact with Mental Hear reported as a SAC 1 incident. There is no national standard for this reporting. days of last contact; New South Wales is 7 day Victoria 3 months of last contact 	previous FYTD (8). whose death is within th Services must be Western Australia 28

Long term Trend on Restraint & Seclusion across CALHN Mental Health

•



CALHN MH R+S Incidents	2017	2018	2019	2020	Total
Chemical	71	31	5	14	121
Mechanical	14	13	11	3	41
Physical	175	94	59	82	410
Seclusion	588	678	456	367	2089
Total	848	816	531	466	2661

National Rates (2019-20):

- 8.1 seclusion events/1,000 OBD (CALHN 3.0)
- 11.0 restraint events/1,000 OBD (CALHN 2.6)

Source: Excerpt of Exec/Board Report, MHCP, January 2021

3. Performance Update

3.3.2 Activity Snapshot- Community Mental Health Services

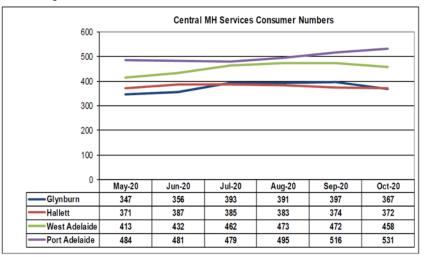
Consumer Numbers

The ambulatory equivalent to the National KPI of Acute Inpatient Occupancy Rate is current consumer numbers.

An integrated team is a community team that provides assessment and assertive care and ongoing psychosocial support.

The graphs below show the number of registered consumers with each integrated team who had an open community episode during the reporting month as their Primary Team.

Central Integrated Teams



Commentary / Observations

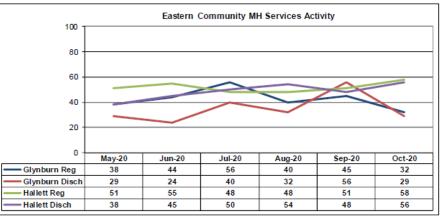
MH continues to experience growing demand in its Community Services (2.3% increase in the Q1) whilst doing so with increasing improvements in patient flow & efficiency (14.7% increase in discharges in Q1)

Registrations and Discharges

Consistent flow of consumers through the services is important in ensuring service availability for all consumers. The graphs below show all new registrations and discharges per month. The registration and discharge figures are based on new episodes of care and episode closures.

In line with departmental reporting, teams on the graphs below reflect the primary team for that consumers care.

Eastern Integrated Teams



Western Integrated Teams

