

Midlothian HSCP MSG Indicators

Performance from April 2017 to December
2021, with 2020/21 MSG targets and trends

Local Intelligence Support Team (LIST),

Mar 2022

Contents

1. Methodology
2. Data completeness
3. 2020/21 MSG targets and actuals
4. A&E attendances
 - a) weekly figures by age group
 - b) monthly proportions by age group
 - c) 4 hour performance
 - d) admission conversion rates
3. Emergency admissions
4. Unplanned bed days:
 - a) Acute
 - b) Geriatric Long Stay
 - c) Mental Health
5. Delayed discharges occupied bed days
6. Balance of care
7. End of life

2020/21 MSG Targets - Methodology

- The MSG Objectives Performa was submitted in February 2020 which specified the 2020/21 targets and an action plan on how those targets were to be achieved
- 2017/18 MSG data was used as the baseline to calculate the 2020/21 targets

Data completeness

Source: MSG data release Feb-22, PHS

Indicator	Published until	Provisional until	Data completeness issues
1. A&E attendances	Dec-21	n/a	-
2. Emergency admissions	Sep-21	Dec-21	(SMR01) Nov-20 = 93%
3a. Unplanned bed days (acute)	Sep-21	Dec-21	(SMR01) Nov-20 = 93%, May-21 = 97%, Aug-21 = 97%
3b. Unplanned bed days (GLS)	n/a	Dec-21	(SMR01E) Quarters ending: Jun-20 = 98%; Sep-20 = 91%; Dec-20 = 94%; Mar-21 = 92%; Jun-21 = 90%; Sep-20 = 91%; Dec-20 = 94%; Mar-21 = 93%; June-21 = 92%, Sep-21 = 95%
3c. Unplanned bed days (MH)	Mar-21	Dec-21	-
4. Delayed discharges occupied bed days	Dec-21	n/a	-
5. Last 6 months of life (% in community setting)	2019/20	2020/21	-
6. Balance of care (% at home)	n/a	2019/20	-

2020/21 targets and actuals

Source: MSG objectives 2020-21 template - Midlothian IJB; MSG data release Feb-22, PHS

Indicator	2020/21 target	2020/21 target (rate per 100,000)		2020/21 (rate per 100,000)		Target met
		Annual	Monthly	Annual	Monthly	
1. A&E attendances	Maintain	31,543	2,629	26,390	2,199	✓
2. Emergency admissions	5% decrease	9,207	767	9,207	767	✗
3a. Unplanned bed days (acute)	10% decrease	60,888	5,074	57,459	4,788	✓
3b. Unplanned bed days (GLS)	Decrease	<13,733	<1,144	14,122 (p)	1,177 (p)	✓
3c. Unplanned bed days (MH)	Decrease	<15,910	<1,326	12,903	1,075	✓
4. Delayed discharges occupied bed days	20% decrease	9,836	820	9,779	815	✓
5. Last 6 months of life (% in large hospital)	Decrease	<8.7%	-	7.4%	-	✓
6. Balance of care (% at home)	Increase	>96.4%	-	96.7% (p) - 2019/20	-	✓

(p) = provisional

- Indicators 3b and 6 are still provisional, and 6 is for 2019/20.

Data Sources

2020/21 MSG Targets

- Source: MSG data release v1.51, Feb-22; Public Health Scotland
- These are official monthly figures released by PHS and will be nationally published (some data is provisional and not yet published)
- Next data release: Mar-22

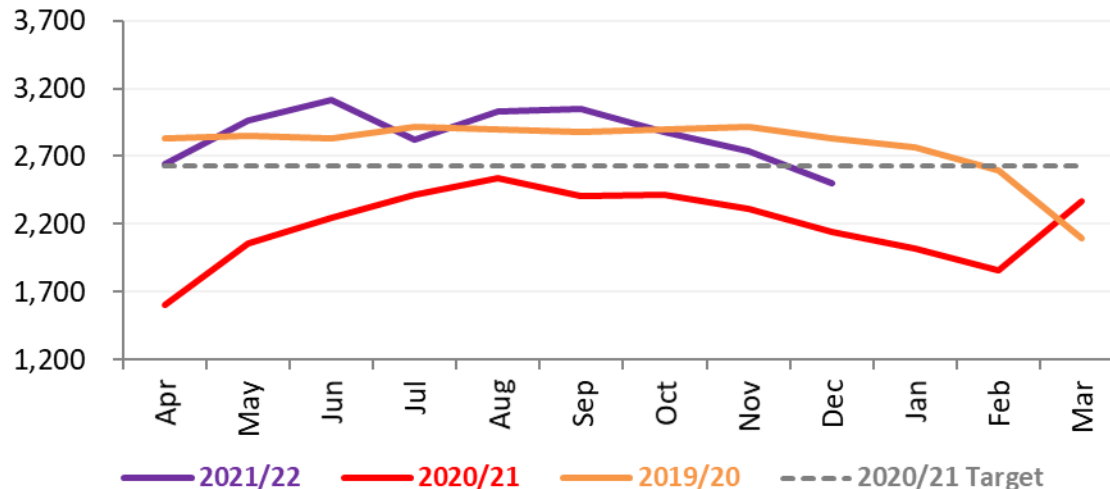
A&E Attendances

Source: MSG data release Feb-22; data published up to Dec-21

Target = maintain	Annual	Monthly
2020/21 Target Rate (per 100,000)	31,543	2,629
<i>2019/20 Rate (per 100,000)</i>	<i>33,319</i>	<i>2,777</i>
<i>2020/21 Rate (per 100,000)</i>	<i>26,390</i>	<i>2,199</i>
<i>2021/22 Running average (Dec)</i>		<i>2,862</i>

- The 2020/21 target was met
- The rate of attendances in 2020/21 was 21% lower than 2019/20, and **17% lower than the 2017/18 baseline year**. Much of this may be due to covid-19.
- The rate of attendances had increased back to typical levels by Aug-20, but steadily decreased again until Mar-21 when it started increasing.
- From May-21 – Nov-21 it exceeded the 2020/21 target level. In Dec-21 it dipped below the target again.

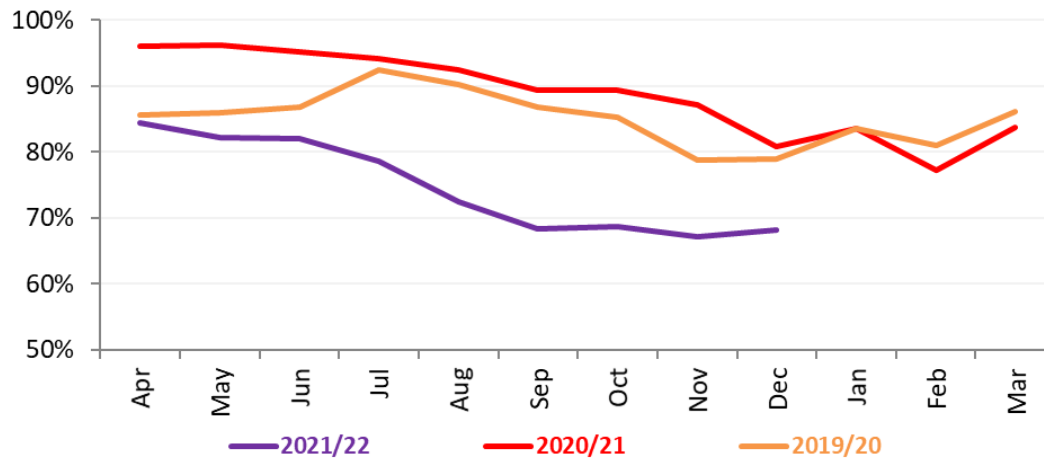
No. of A&E attendances per 100,000



A&E 4 hour performance

Source: MSG data release Feb-22; data published up to Dec-21

A&E % discharged, admitted or transferred within 4 hours



- Four hour performance was steady through the winter of 2020-21
- **Overall four-hour performance for 2020/21 was 79.9%**, a slight decrease from the 2019/20 level (85.2%)
- Performance in 2021/22 so far has steadily declined to around 67%

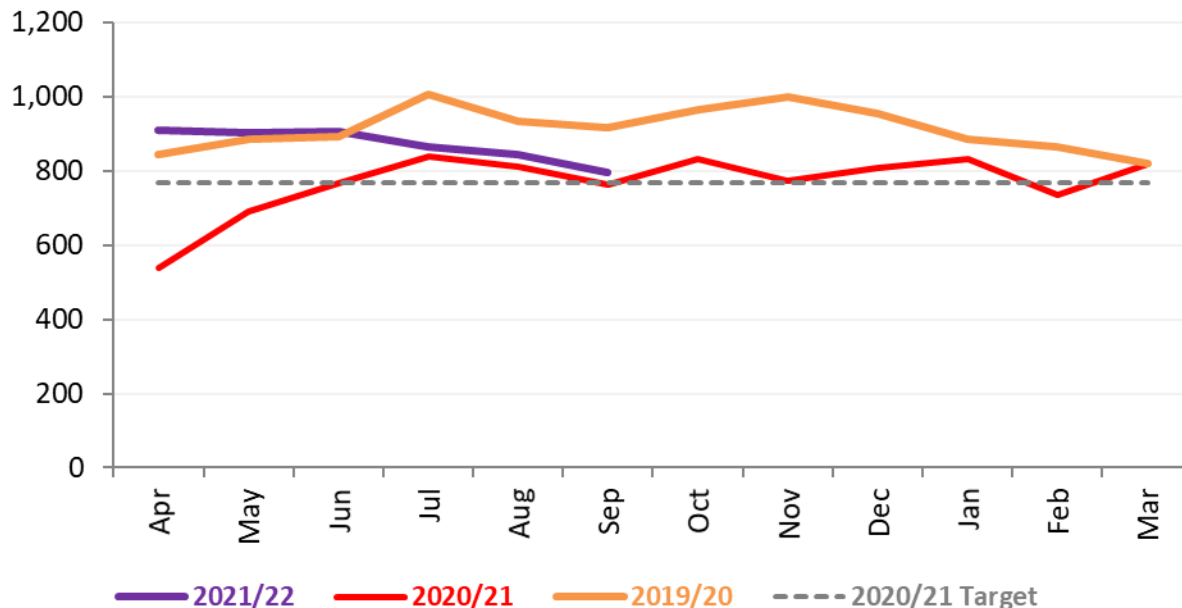
Emergency Admissions

Source: MSG data release Feb-22; data published up to Sep-21

Target = 5% decrease	Annual	Monthly
2020/21 Target Rate (per 100,000)	9,207	767
<i>2019/20 Rate (per 100,000)</i>	<i>10,966</i>	<i>914</i>
2020/21 Rate (per 100,000)	9,207	767
<i>2021/22 Running average (Sep)</i>		<i>870</i>

- **The 2020/21 target was not met (but almost)**
- The rate of emergency admissions dropped in Apr-20 due to Covid-19, but quickly returned to more typical levels – although remained lower than 2019/20 until March-21
- In the first quarter of 2021/22 the admissions rate increased above the 2020/21 target level and above 2019/20 levels; this discrepancy has reduced since

Number of emergency admissions per 100,000



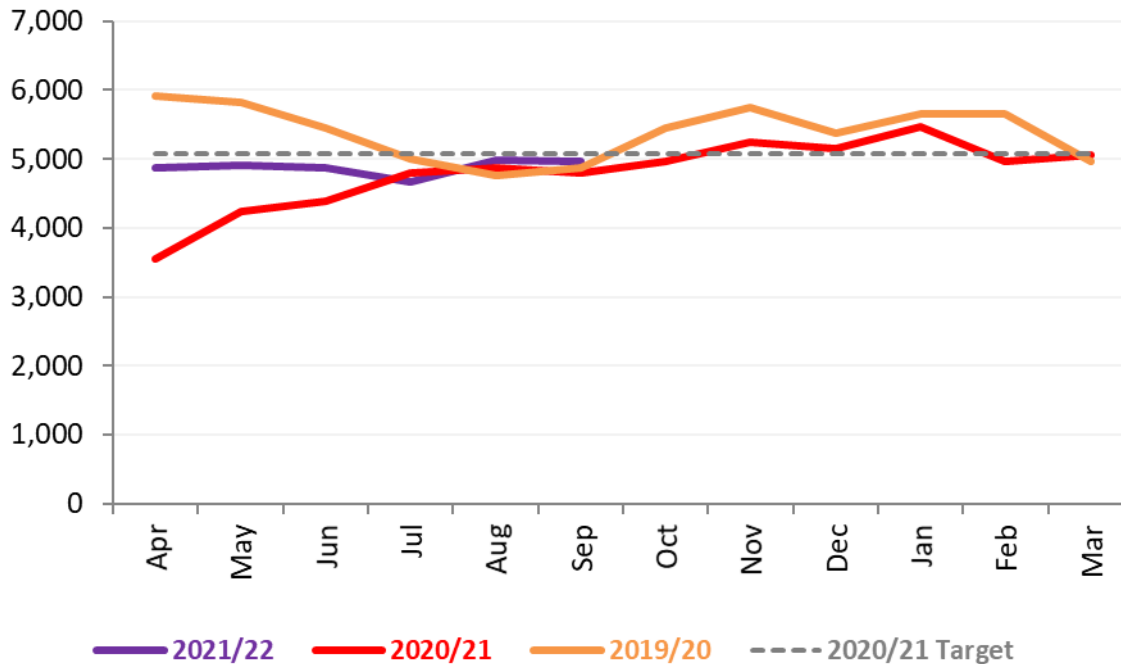
Unplanned Bed Days - Acute

Source: MSG data release Feb-22; data published up to Sep-21

Target = 10% decrease	Annual	Monthly
2020/21 Target Rate (per 100,000)	60,888	5,074
<i>2019/20 Rate (per 100,000)</i>	<i>64,683</i>	<i>5,390</i>
<i>2020/21 Rate (per 100,000)</i>	<i>57,459</i>	<i>4,788</i>
<i>2021/22 Running average (Sep)</i>		<i>4,875</i>

- **The 2020/21 target was met**
- The rate dropped drastically in Apr-20 due to Covid-19, but was back to a more typical level by Jul-20.
- The rate has remained stable since then.

Acute unscheduled bed days per 100,000

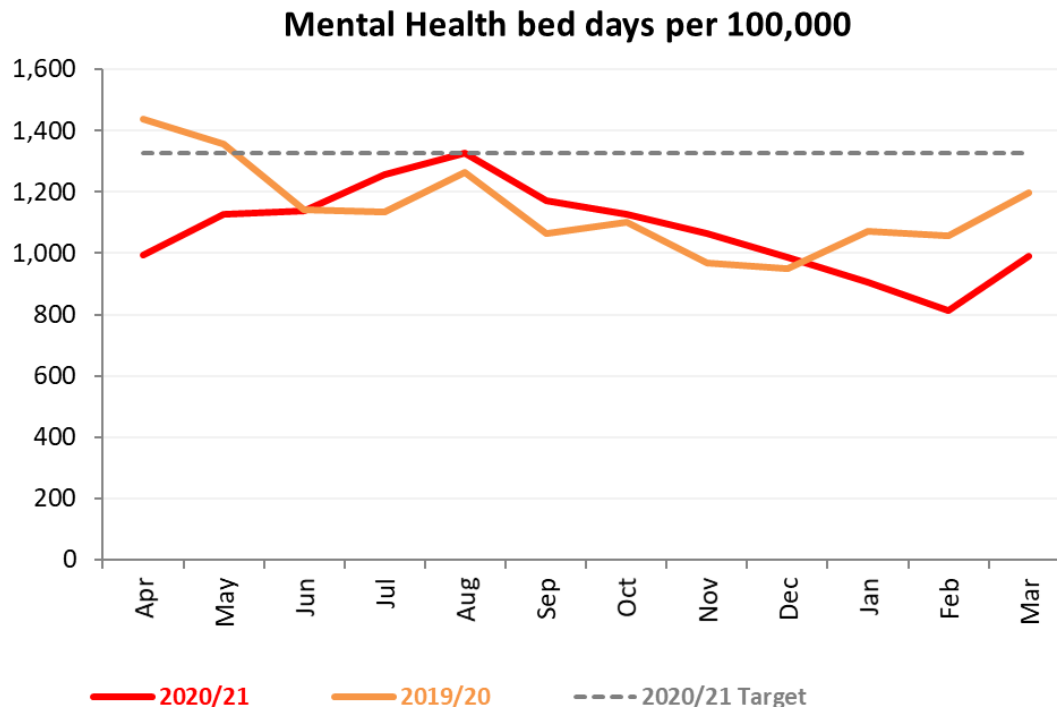


Unplanned Bed Days – Mental Health

Source: MSG data release Feb-22; data published up to Mar-21

Target = decrease	Annual	Monthly
2020/21 Target Rate (per 100,000)	15,912	1,326
2019/20 Rate (per 100,000)	13,742	1,145
2020/21 Rate (per 100,000)	12,903	1,075

- The 2020/21 target was met
- The rate of MH bed days has been lower than the target level since Jun-19



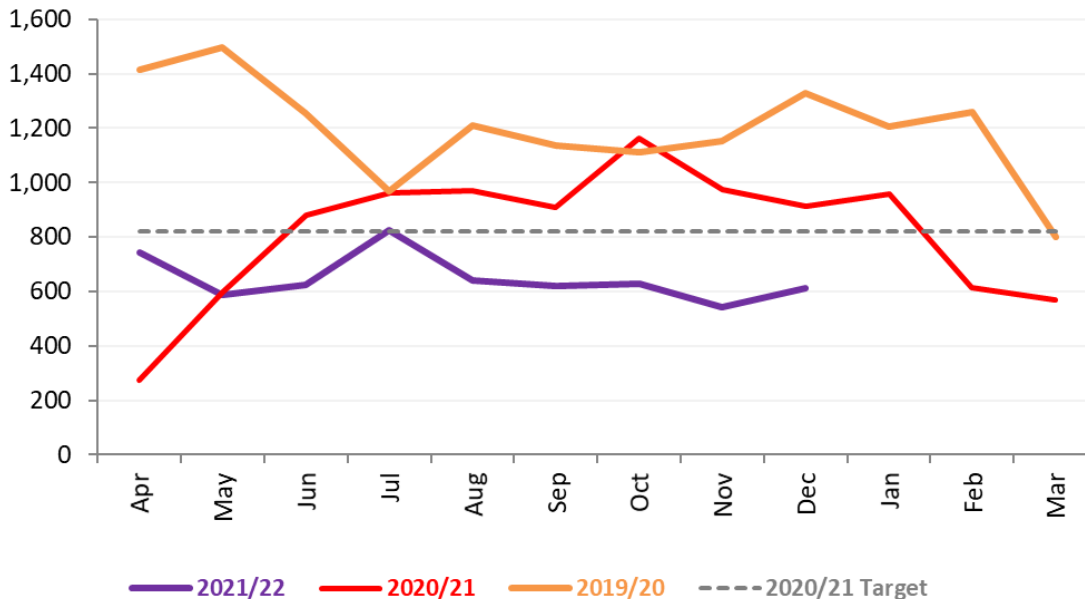
Delayed Discharges Occupied Bed Days

Source: MSG data release Feb-22; data published up to Dec-21

Target = 20% decrease	Annual	Monthly
2020/21 Target Rate (per 100,000)	9,836	820
<i>2019/20 Rate (per 100,000)</i>	<i>14,336</i>	<i>1,195</i>
<i>2020/21 Rate (per 100,000)</i>	<i>9,779</i>	<i>815</i>
<i>2021/22 Running average (Dec)</i>		<i>646</i>

- **The 2020/21 target was met**
- The rate of delayed discharge occupied bed days in Apr-20 was about 80% lower than the previous April's rate due to Covid-19
- The rate has remained mostly lower than the previous year ever since; during 2021/22 so far it has been lower than the 2020/21 target level

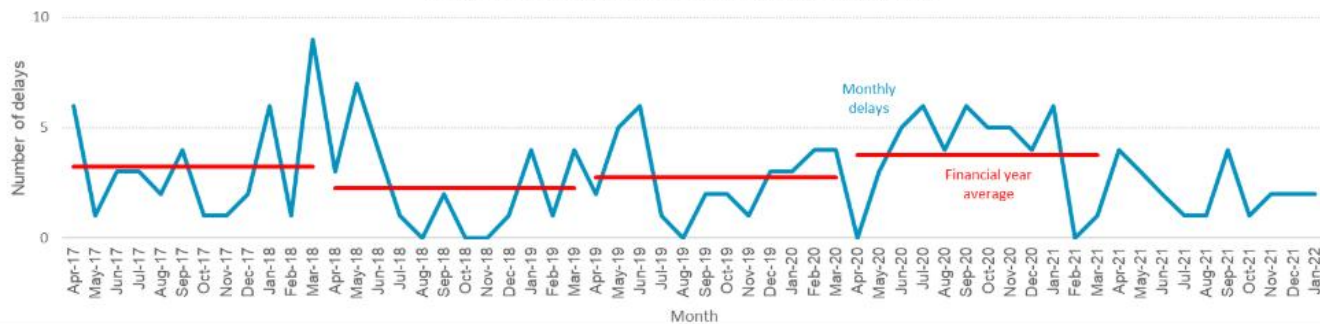
Delayed discharge bed days per 100,000, all reasons (18+)



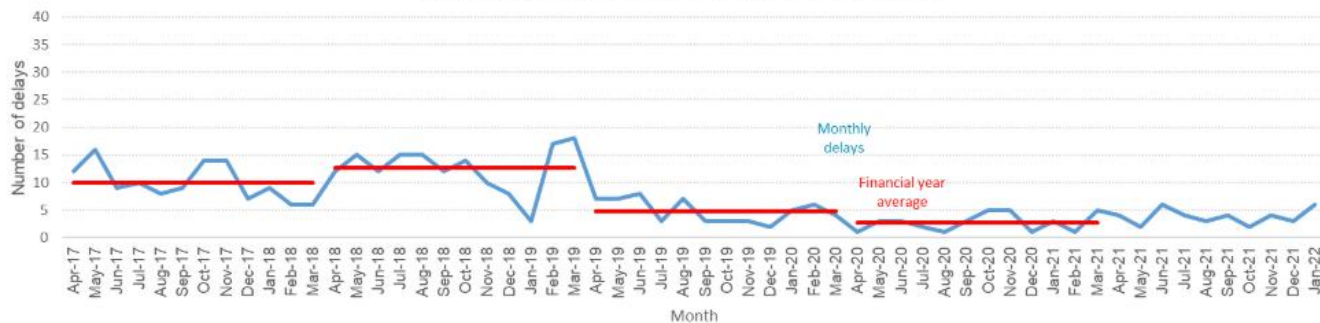
Delayed Discharges: Trends by Reason for Delay

Data Source: Public Health Scotland Delayed Discharge Census March 2022 Publication

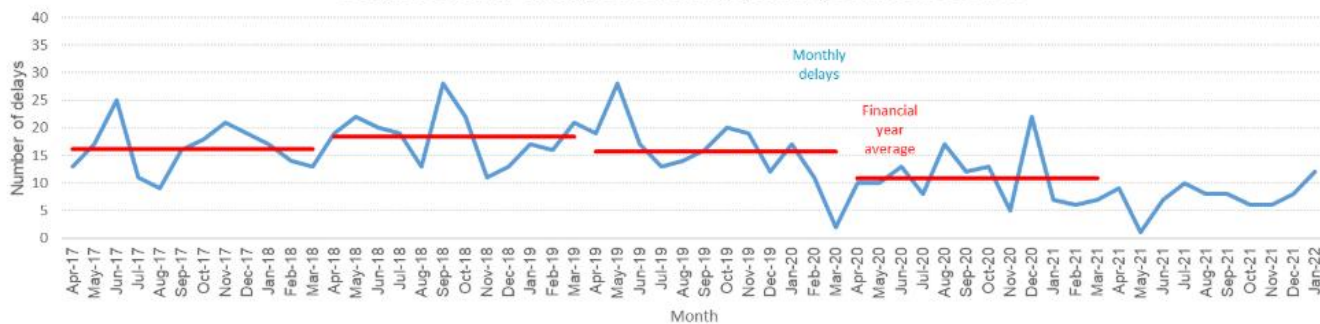
Delays caused by Assessments, 2017/18 to 2021/22



Delays caused by Place Availability, 2017/18 to 2021/22



Delays caused by Waiting on Care Arrangements, 2017/18 to 2021/22

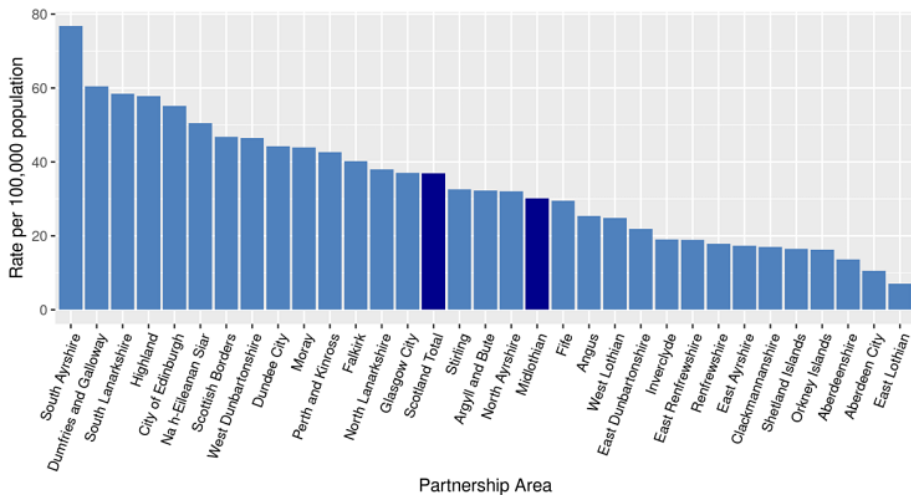


- These charts show the long term trend and the yearly average of the number of delays caused by: Assessments; Place Availability and Waiting on Care Arrangements.
- Data has been taken from the monthly Census from Public Health Scotland.
- Performance was improving before the Covid-19 pandemic, and delays have dropped further since the start of the pandemic across these categories.

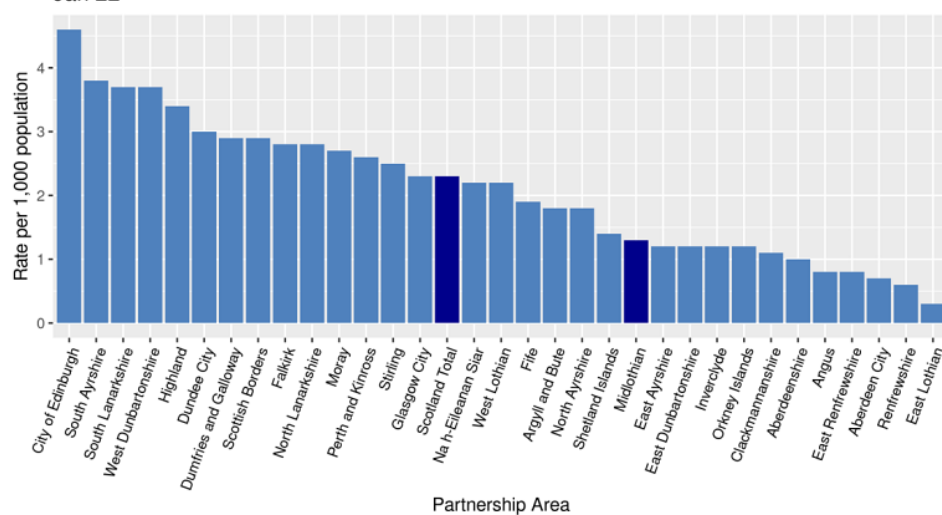
Delayed Discharges (all reasons): Midlothian Position

Data Source: Public Health Scotland Delayed Discharges March 2022 Publication

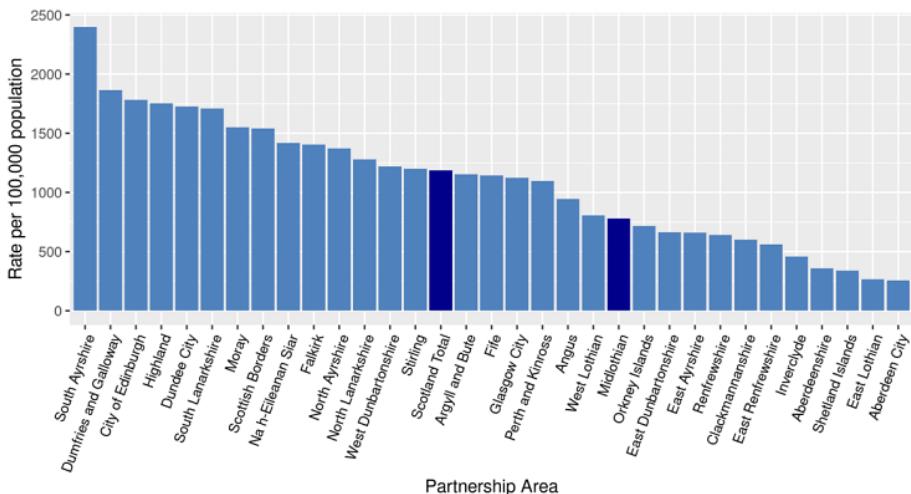
Delayed Discharge Rates per 100,000 Population, Aged 18+
Jan 22



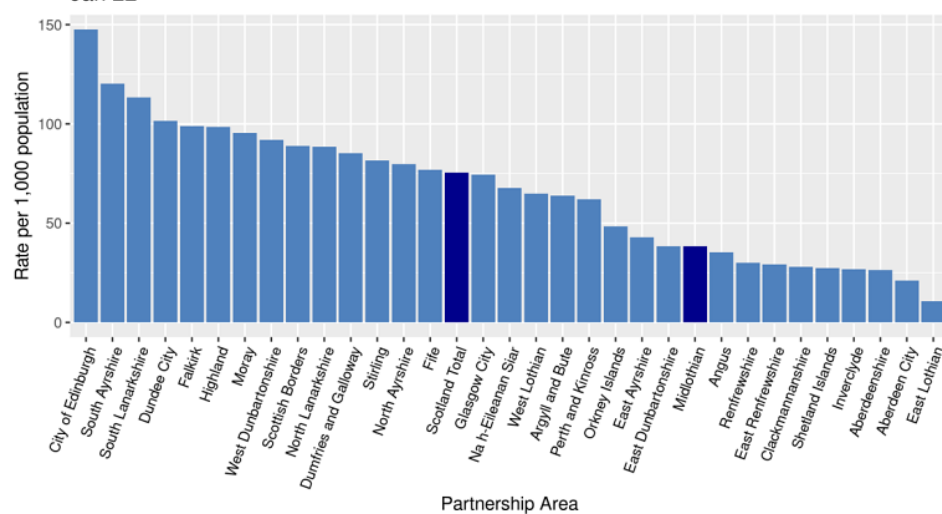
Delayed Discharge Rates per 1,000 Population, Aged 75+
Jan 22



Occupied Bed Days for Delayed Discharges - Rate per 100,000 Population, Aged 18+
Jan 22



Occupied Bed Days for Delayed Discharges - Rate per 1,000 Population, Aged 75+
Jan 22



End of Life - Percentage of Last Six Months

Spent in Large Hospitals

Source: MSG data release Feb-22; data published up to 2019/20

Target = decrease	Annual
2020/21 Target	<8.7%
<i>2019/20</i>	<i>9.1%</i>

