

Midlothian HSCP MSG Indicators

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

Local Intelligence Support Team (LIST),

Jan 2021

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 Dec-21, PHS

Indicator	Published until	Provisional until	Data completeness issues
1. A&E attendances	Oct-21	n/a	-
2. Emergency admissions	Jun-21	Oct-21	(SMR01) Nov-20 = 92%
3a. Unplanned bed days (acute)	Jun-21	Oct-21	(SMR01) Nov-20 = 92%, May-21 = 96%, Aug-21 = 94%
3b. Unplanned bed days (GLS)	Jun-20	Oct-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)	Jun-20	Oct-21	-
4. Delayed discharges occupied bed days	Oct-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 Dec-21, 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	13,731 (p)	1,144 (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 v1.49, Dec-21; 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: Jan-22

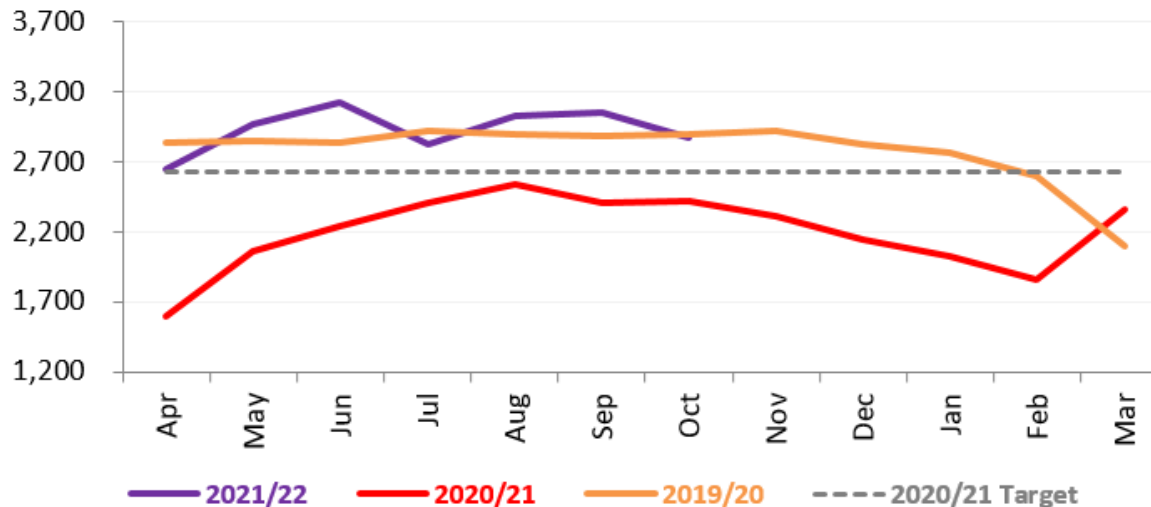
A&E Attendances

Source: MSG data release Oct-21; data published up to Sep-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 (Aug)</i>		<i>2,930</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, as there was a dramatic drop in March and April 2020.
- The rate of attendances had increased back to typical levels by Aug-20, but steadily decreased again since then, until Mar-21 when it started increasing.
- Since Jul-21 it has exceeded the 2020/21 target level.

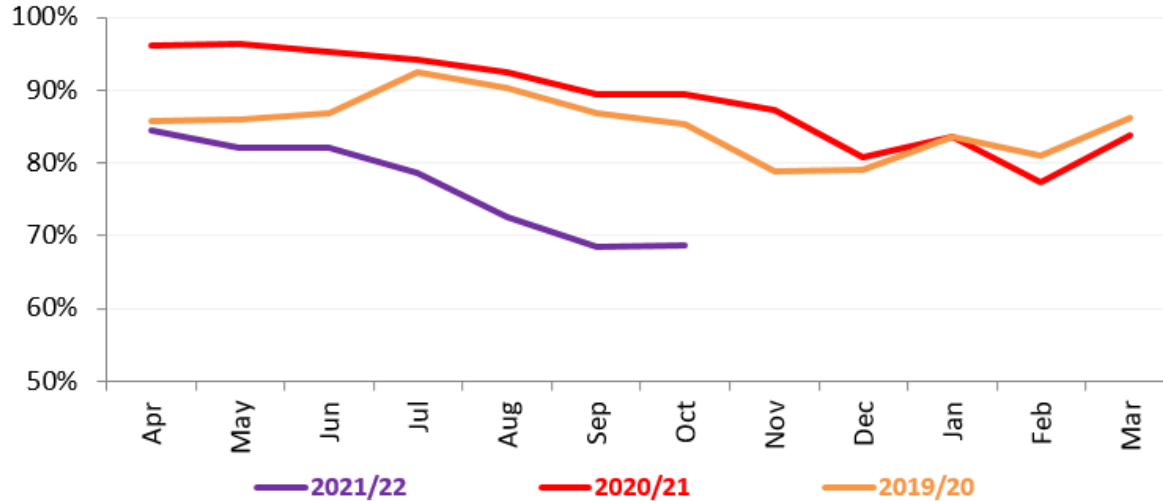
No. of A&E attendances per 100,000



A&E 4 hour performance

Source: MSG data release Dec-21; data published up to Oct-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 Oct-21 was around 68%

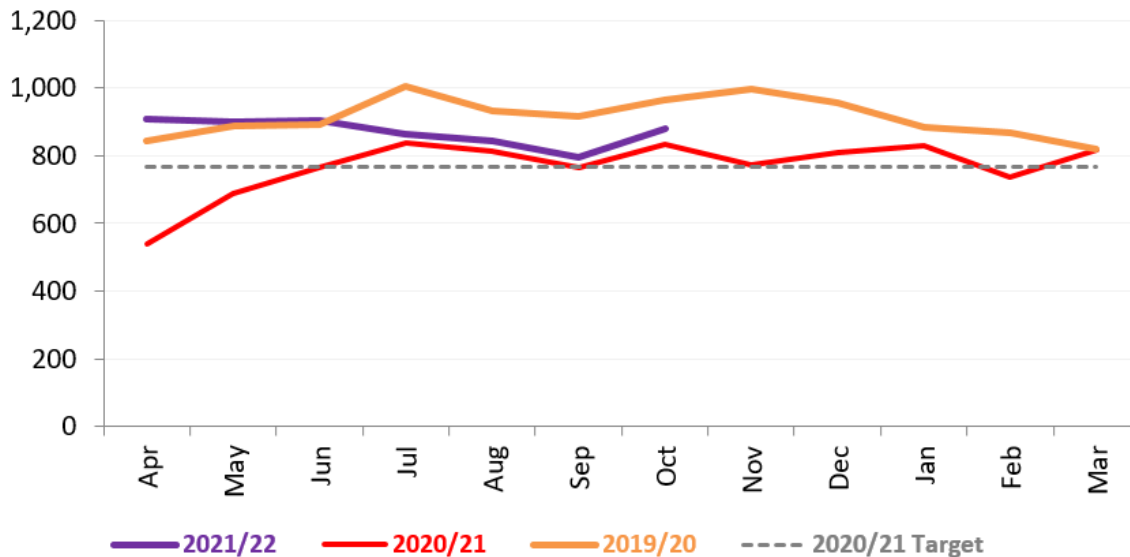
Emergency Admissions

Source: MSG data release Dec-21; data published up to Jun-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>
<i>2020/21 Rate (per 100,000)</i>	<i>9,207</i>	<i>767</i>
<i>2021/22 Running average (Aug)</i>		<i>872</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
- Since March-21 the admissions rate has increased above the 20/21 target level and above 2019/20 levels (note that this data is provisional and not yet published)

Number of emergency admissions per 100,000



SMR completeness issues: Nov-20 = 92%

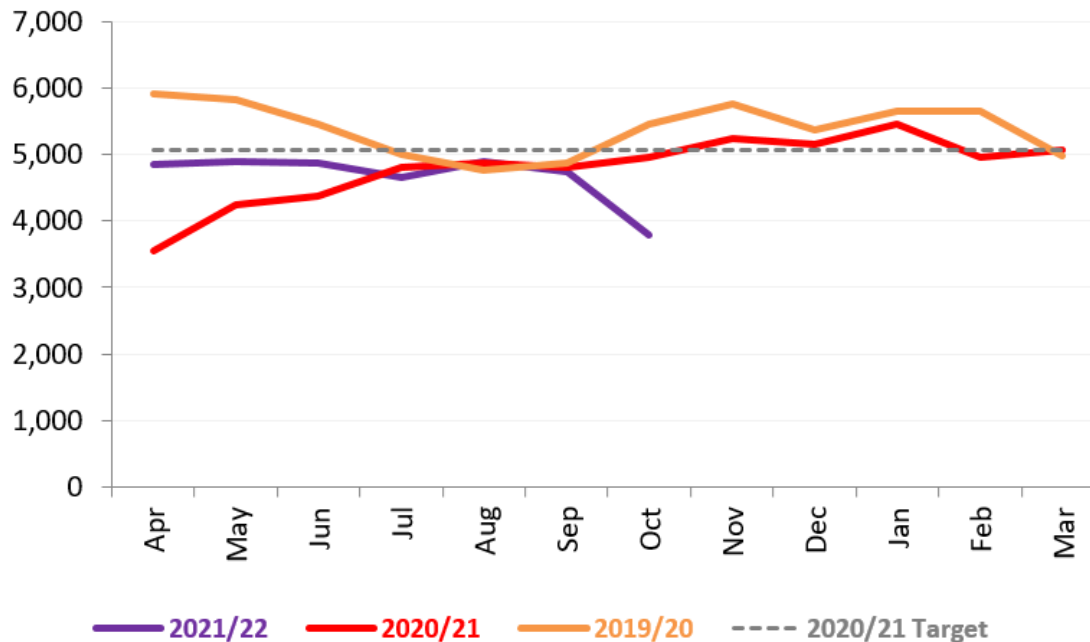
Unplanned Bed Days - Acute

Source: MSG data release Dec-21; data published up to Jun-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 (Aug)</i>		<i>4,668</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 appears to have dropped again during 2021/22 so far (note that this data is provisional and not yet published)

Acute unscheduled bed days per 100,000



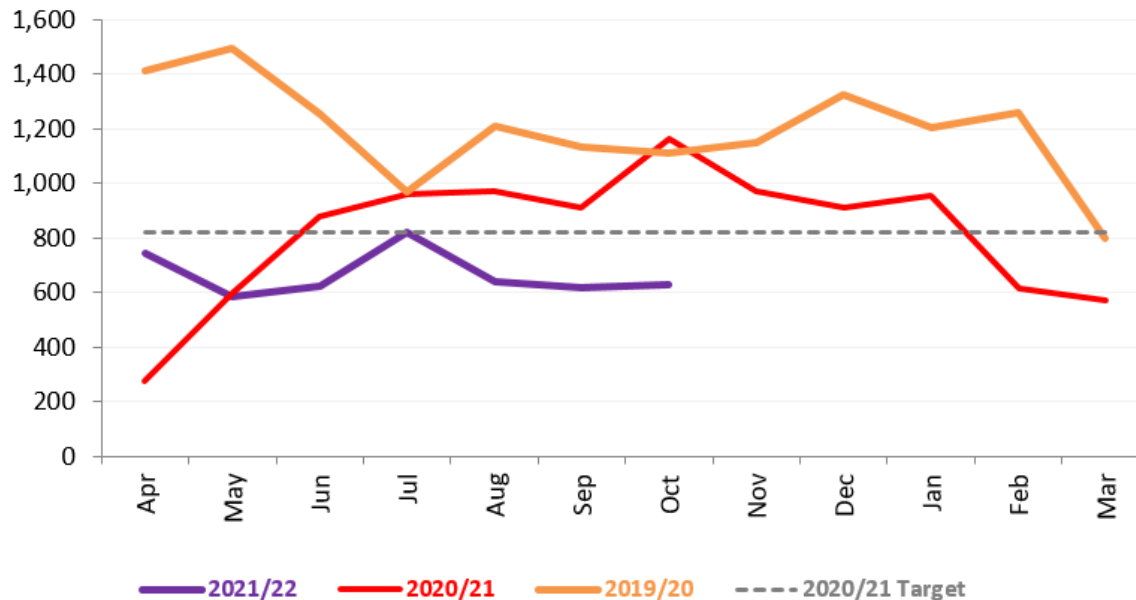
Delayed Discharges Occupied Bed Days

Source: MSG data release Dec-21; data published up to Oct-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 (Aug)</i>		<i>665</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

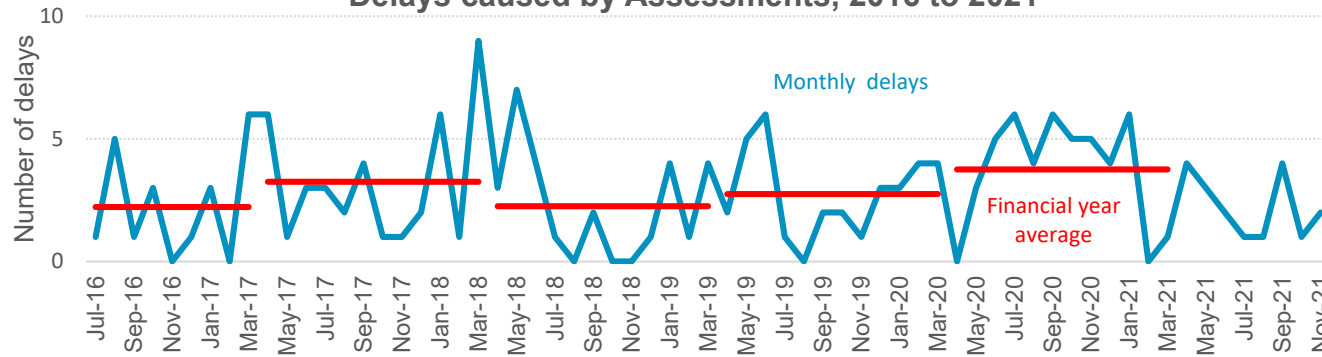
Delayed discharge bed days per 100,000, all reasons (18+)



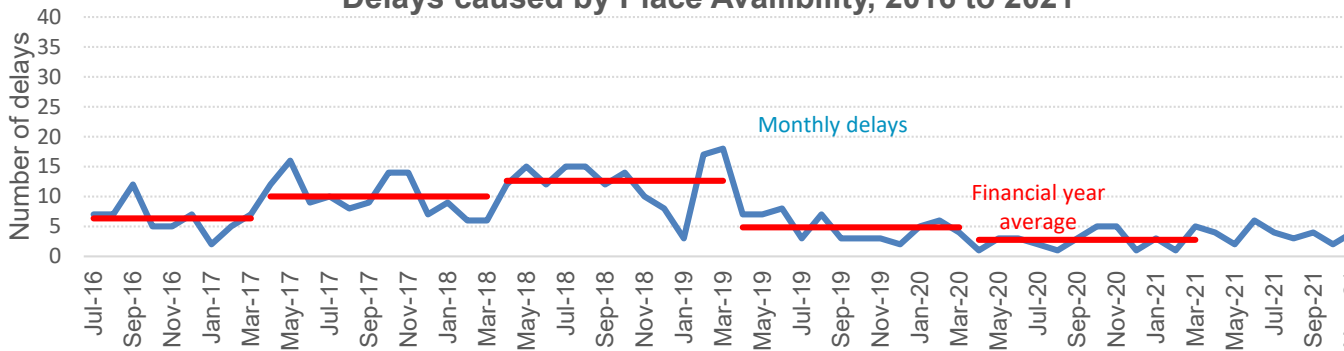
Delayed Discharges: Trends by Reason for Delay

Data Source: Public Health Scotland Delayed Discharge Census December 2021 Publication

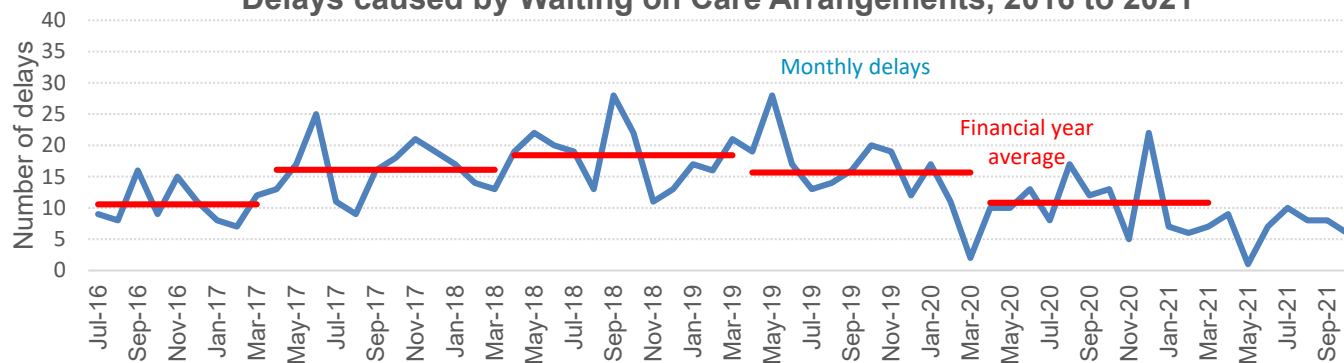
Delays caused by Assessments, 2016 to 2021



Delays caused by Place Availability, 2016 to 2021



Delays caused by Waiting on Care Arrangements, 2016 to 2021



- 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.

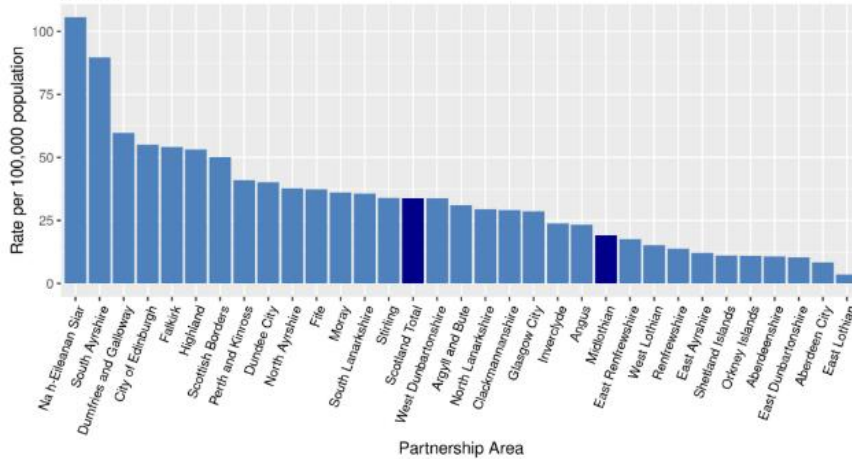
- Data has been taken from the monthly Census from Public Health Scotland.

- Performance was improving before the Covid-19 pandemic, and delays have dropped further since the start of the pandemic across these categories.

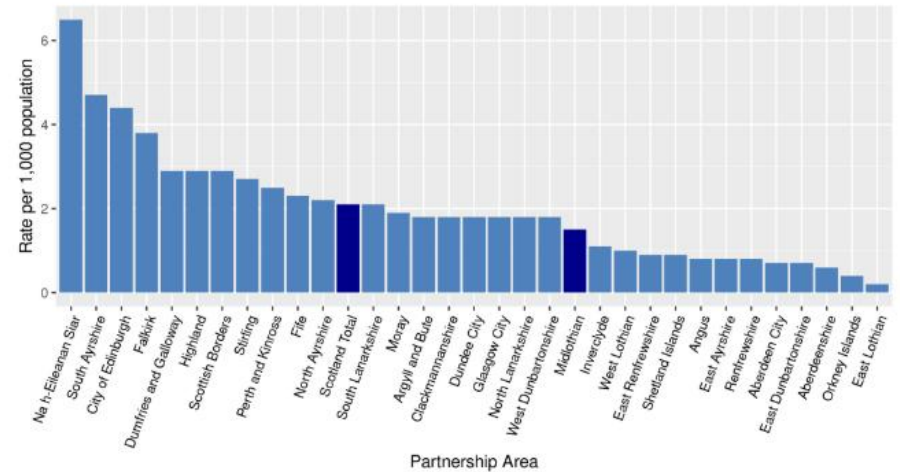
Delayed Discharges (all reasons): Midlothian Position

Data Source: Public Health Scotland Delayed Discharges Nov 2021 Publication

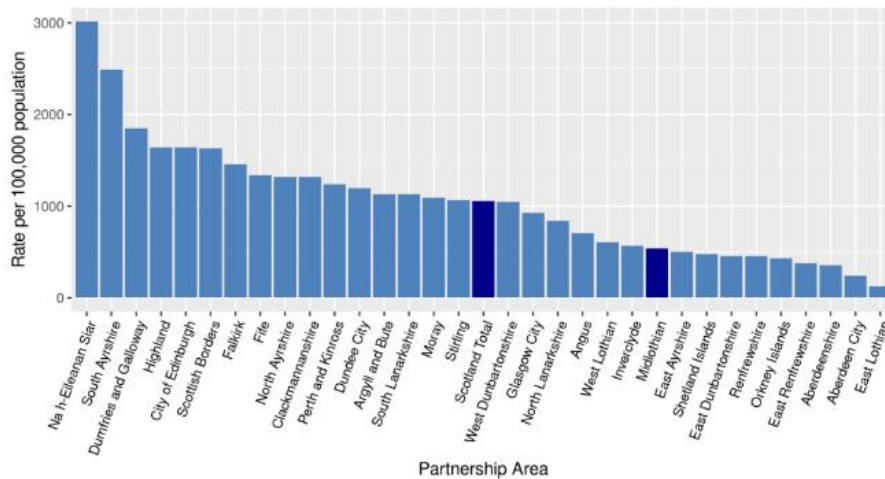
Delayed Discharge Rates per 100,000 Population, Aged 18+
Nov 21



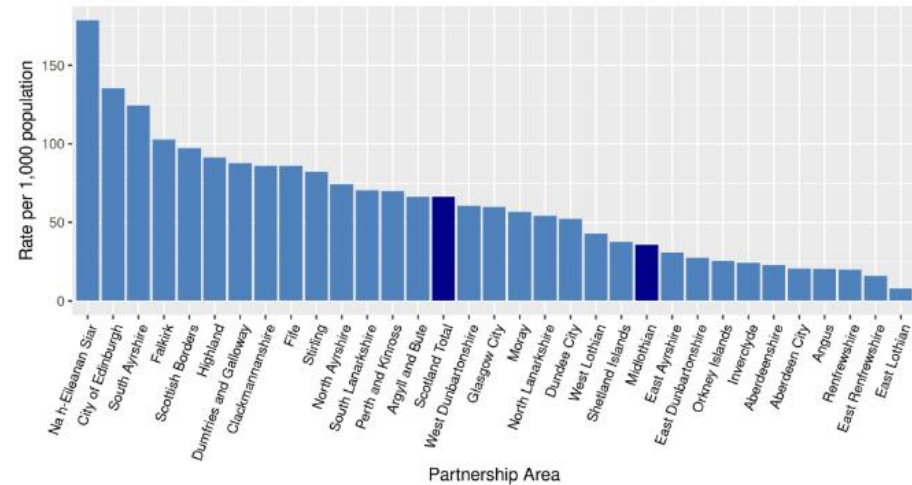
Delayed Discharge Rates per 1,000 Population, Aged 75+
Nov 21



Occupied Bed Days for Delayed Discharges - Rate per 100,000 Population, Aged 18+
Nov 21



Occupied Bed Days for Delayed Discharges - Rate per 1,000 Population, Aged 75+
Nov 21



End of Life - Percentage of Last Six Months Spent in Large Hospitals

Source: MSG data release Dec-21; data published up to 2019/20

Target = decrease	Annual
2020/21 Target	<8.7%
2019/20	9.1%
2020/21 Provisional	7.4%

- The 2020/21 target was met (provisional data)
- The provisional percentage for 2020/21 is below the target and is lower than the 2019/20 level

