

Ref: FOI/GS/ID 7278

Please reply to:
FOI Administrator
Trust Management
Maidstone Hospital
Hermitage Lane
Maidstone, Kent
ME16 9QQ
Email: mtw-tr.foiadmin@nhs.net
www.mtw.nhs.uk

05 April 2022

Freedom of Information Act 2000

I am writing in response to your request for information made under the Freedom of Information Act 2000 in relation to upper and lower UTI, urinary sepsis and PBS in children.

You asked:

- 1. The number of children attending A and E (ED) with upper and lower urinary tract infections also referred to as bladder infection, kidney infection, pyelonephritis and cystitis*
 - 2. The number of children admitted into hospital with upper and lower urinary tract infections also referred to as bladder infection, kidney infection, pyelonephritis and cystitis*
 - 3. The number of children diagnosed with urinary sepsis.*
 - 4. The number of deaths of children from sepsis as a result of a kidney or urinary tract infection, pyelonephritis or urinary sepsis.*
 - 5. The number of children suffering from PBS (painful bladder syndrome) or IC (interstitial cystitis).*
- For the years 2014- 2021, for children age 17 and under.*

Trust response:

1. The number of patients attending ED before their 18th birthday with an ED diagnosis of 'Urinary conditions' is as follows

| Year | Number |
|------|--------|
| 2014 | 269 |
| 2015 | 321 |
| 2016 | 391 |
| 2017 | 347 |
| 2018 | 407 |
| 2019 | 343 |
| 2020 | 350 |
| 2021 | 403 |

Please note that 2014 and 2021 are estimates extrapolated from incomplete data. We have ED reportable data from April 2014, and in June 2021 the Trust moved to a new ED system where the diagnostic coding has been incomplete.

2.

| Year | Number |
|------|--------|
|------|--------|

| | |
|------|----|
| 2016 | 92 |
|------|----|

| | |
|------|----|
| 2017 | 68 |
|------|----|

| | |
|------|----|
| 2018 | 77 |
|------|----|

| | |
|------|----|
| 2019 | 76 |
|------|----|

| | |
|------|----|
| 2020 | 76 |
|------|----|

| | |
|------|-----|
| 2021 | 134 |
|------|-----|

We only have inpatient data back to April 2016 which is held in a reportable format, therefore the 2016 total has been extrapolated from Apr-16 to Dec-16 data. Note the higher numbers in 2021 are due to a change in patient pathway. A new paediatric assessment route means that patients who would previously have been treated in ED & sent home are now receiving their treatment in a specialised short-stay unit, and are now being counted as an inpatient admission.

3. Urinary sepsis typically gets coded as N390, which is also the diagnostic code for general urinary tract infections.

Around 70-80% of the patients counted in Q2 have a primary diagnosis of N390. Without the manual checking of patient records there is no reliable way to separate the patients with sepsis from those who don't, based purely on the diagnostic coding and therefore Section 12 exemption applies to this question.

4. We have no recorded deaths of patients under 18 with any kidney, bladder or urinary tract infection.

5. Painful bladder syndrome will be coded up as interstitial cystitis – N301
We have had two admissions with this primary diagnosis, both in 2019.