

Ref: FOI/GS/ID 4311

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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 Urinary tract infections.

1. *The number of children attending A and E 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.*
- In children 18 and under for the time period January 2012 until December 2016*

1. Using A&E diagnosis code = 27 which is Urological conditions, so broadly covers this requirement but may not include all or may include additional to these.

Year	Number of children
2012	434
2013	430
2014	503
2015	495
2016	430
Grand Total	2292

2.

<i>Using the following ICD10 codes</i>	
	ICD10
Urinary tract infection	N39.0
Kidney infection NOS	N15.9

Pyelonephritis NOS	N12
Cystitis NOS	N30.9

Using in primary diagnosis position only:			Primary and secondary diagnosis		
Year	Number of children		Year	Number of children	
2012	69		2012	117	
2013	75		2013	126	
2014	82		2014	149	
2015	77		2015	121	
2016	98		2016	137	
Grand Total	401		Grand Total	650	

I.e. the above figures are included in the table to the right also

3. Coding dept. advised: "Sepsis must always be coded when documented. Where an underlying localised infection is present, or where terms such as urosepsis or urinary sepsis have been used, the localised infection is coded in the secondary position".

Therefore Primary diagnosis code of Sepsis = A41.9, plus one of the infection codes listed in secondary position

Using the following ICD10 codes	
	ICD10
Urinary tract infection	N39.0
Kidney infection NOS	N15.9
Pyelonephritis NOS	N12
Cystitis NOS	N30.9

Using in primary diagnosis of sepsis plus one of the above in first secondary position only:			Using in primary diagnosis of sepsis plus one of the above in any secondary position:		
Year	Number of children		Year	Number of children	
2012			2012	14	
2013	1		2013	23	
2014			2014	27	
2015			2015	24	
2016	1		2016	28	
Grand Total	2		Grand Total	116	

I.e. the above figures are included in the table to the right also

4.

Year	Number of children
2012	0
2013	0

2014	0
2015	0
2016	0
Grand Total	0