



## Demographic data

	Cardiff and Vale UHB		NHS Wales	
<b>Total procedures</b>	<b>10,808</b>		<b>70,256</b>	
<b>Age groups</b>				
Under 65	3,832	35%	22,121	32%
65-74	3,547	33%	25,814	37%
75-84	2,839	26%	18,153	26%
85 and over	577	5%	3,299	5%
Unknown	13		869	
<b>Sex</b>				
Male	4,174	39%	29,486	42%
Female	6,547	61%	40,396	58%
Unknown	87		374	
<b>Procedure type</b>				
Primary	10,147	96%	66,579	97%
Revision	411	4%	1,839	3%
Unknown	250		1,838	
<b>Joint</b>				
Hip	4,364	40%	32,379	46%
Knee	6,444	60%	36,732	52%
Other	0	0%	1,145	2%
<b>Report source</b>				
Electronic	3,428	32%	13,549	19%
Paper forms	7,380	68%	56,681	81%

Table includes data from 2007 to 2017.



Cardiff and Vale University Health Board

## SSI rates

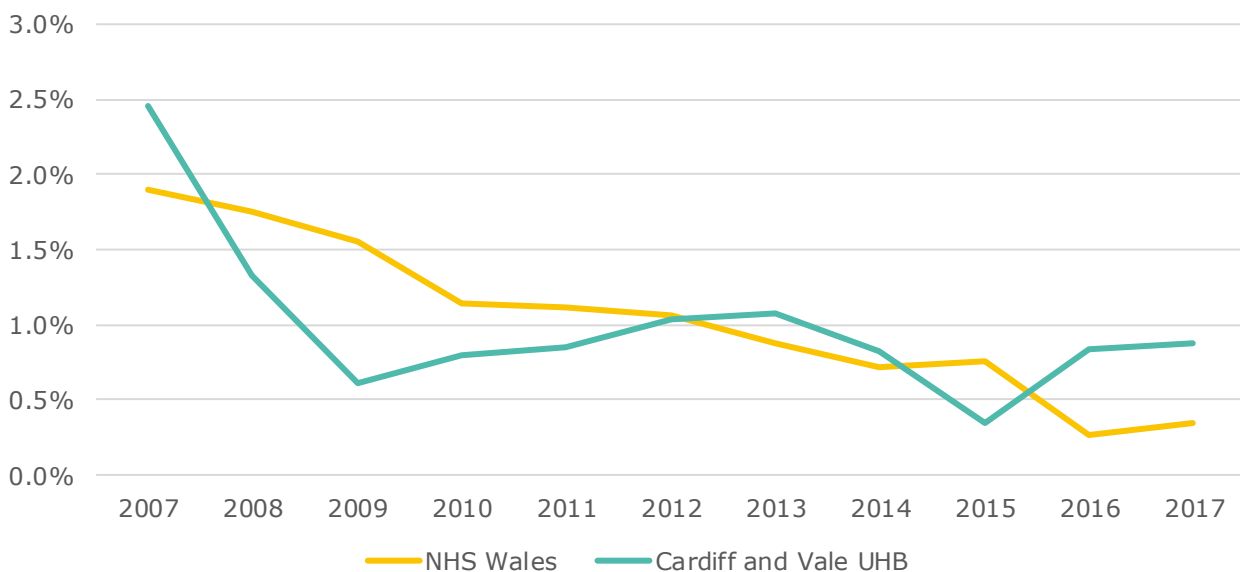
	Cardiff and Vale UHB			NHS Wales		
	Procedures	SSI	SSI rate (95% CI)	Procedures	SSI	SSI rate (95% CI)
<b>Overall</b>	<b>10,808</b>	<b>106</b>	<b>1.0% (0.8-1.2)</b>	<b>70,256</b>	<b>757</b>	<b>1.1% (1.0-1.2)</b>
<b>Age groups</b>						
Under 65	3,832	43	1.1% (0.8-1.5)	22,121	262	1.2% (1.0-1.3)
65-74	3,547	33	0.9% (0.6-1.3)	25,814	269	1.0% (0.9-1.2)
75-84	2,839	27	1.0% (0.6-1.4)	18,153	187	1.0% (0.9-1.2)
85 and over	577	3	0.5% (0.1-1.5)	3,299	29	0.9% (0.6-1.3)
Unknown	13	0	0.0% (0.0-24.7)	869	10	1.2% (0.6-2.1)
<b>Sex</b>						
Male	4,174	45	1.1% (0.8-1.4)	29,486	367	1.2% (1.1-1.4)
Female	6,547	61	0.9% (0.7-1.2)	40,396	386	1.0% (0.9-1.1)
Unknown	87	0	0.0% (0.0-4.2)	374	4	1.1% (0.3-2.7)
<b>Procedure type</b>						
Primary	10,147	102	1.0% (0.8-1.2)	66,579	725	1.1% (1.0-1.2)
Revision	411	4	1.0% (0.3-2.5)	1,839	24	1.3% (0.8-1.9)
Unknown	250	0	0.0% (0.0-1.5)	1,838	8	0.4% (0.2-0.9)
<b>Joint</b>						
Hip	4,364	50	1.1% (0.9-1.5)	32,379	326	1.0% (0.9-1.1)
Knee	6,444	56	0.9% (0.7-1.1)	36,732	424	1.2% (1.0-1.3)
Other	0	0		1,145	7	0.6% (0.2-1.3)
<b>Report source</b>						
Electronic	3,428	25	0.7% (0.5-1.1)	13,549	47	0.3% (0.3-0.5)
Paper forms	7,380	81	1.1% (0.9-1.4)	56,681	710	1.3% (1.2-1.3)

Table includes data from 2007 to 2017.



## Annual SSI rates

	Cardiff and Vale UHB			NHS Wales		
	<i>Procedures</i>	<i>SSI</i>	<i>SSI rate (95% CI)</i>	<i>Procedures</i>	<i>SSI</i>	<i>SSI rate (95% CI)</i>
<b>Overall</b>	<b>10,808</b>	<b>106</b>	<b>1.0% (0.8-1.2)</b>	<b>70,256</b>	<b>757</b>	<b>1.1% (1.0-1.2)</b>
Year						
2017	1,260	11	0.9% (0.4-1.6)	5,698	20	0.4% (0.2-0.5)
2016	1,306	11	0.8% (0.4-1.5)	6,009	16	0.3% (0.2-0.4)
2015	860	3	0.3% (0.1-1.0)	4,894	37	0.8% (0.5-1.0)
2014	488	4	0.8% (0.2-2.1)	5,438	39	0.7% (0.5-1.0)
2013	1,020	11	1.1% (0.5-1.9)	6,238	55	0.9% (0.7-1.1)
2012	1,255	13	1.0% (0.6-1.8)	8,104	86	1.1% (0.8-1.3)
2011	1,062	9	0.8% (0.4-1.6)	7,433	83	1.1% (0.9-1.4)
2010	870	7	0.8% (0.3-1.7)	6,120	70	1.1% (0.9-1.4)
2009	976	6	0.6% (0.2-1.3)	7,251	113	1.6% (1.3-1.9)
2008	980	13	1.3% (0.7-2.3)	6,904	121	1.8% (1.5-2.1)
2007	731	18	2.5% (1.5-3.9)	6,141	117	1.9% (1.6-2.3)



## Explanatory notes

This report includes all the data reported to Public Health Wales as part of the orthopaedic SSI surveillance programme. As SSIs can be reported for up to a year (or longer) post-procedure, this means the SSI rate for the most recent year is liable to change.

During the years 2014 and 2015, an electronic reporting system was introduced to replace paper based surveillance forms, and all hospitals are now using this. After switching over, the SSI rate reduced significantly, and there may be issues with the accuracy of the SSI rates reported for the period from 2014 onwards.