



Demographic data

	ABM UHB		NHS Wales	
Total procedures	9,821		70,256	
Age groups				
Under 65	3,266	34%	22,121	32%
65-74	3,631	38%	25,814	37%
75-84	2,392	25%	18,153	26%
85 and over	329	3%	3,299	5%
Unknown	203		869	
Sex				
Male	4,374	45%	29,486	42%
Female	5,432	55%	40,396	58%
Unknown	15		374	
Procedure type				
Primary	9,412	97%	66,579	97%
Revision	306	3%	1,839	3%
Unknown	103		1,838	
Joint				
Hip	4,491	46%	32,379	46%
Knee	5,250	53%	36,732	52%
Other	80	1%	1,145	2%
Report source				
Electronic	1,002	10%	13,549	19%
Paper forms	8,819	90%	56,681	81%

Table includes data from 2007 to 2017.



SSI rates

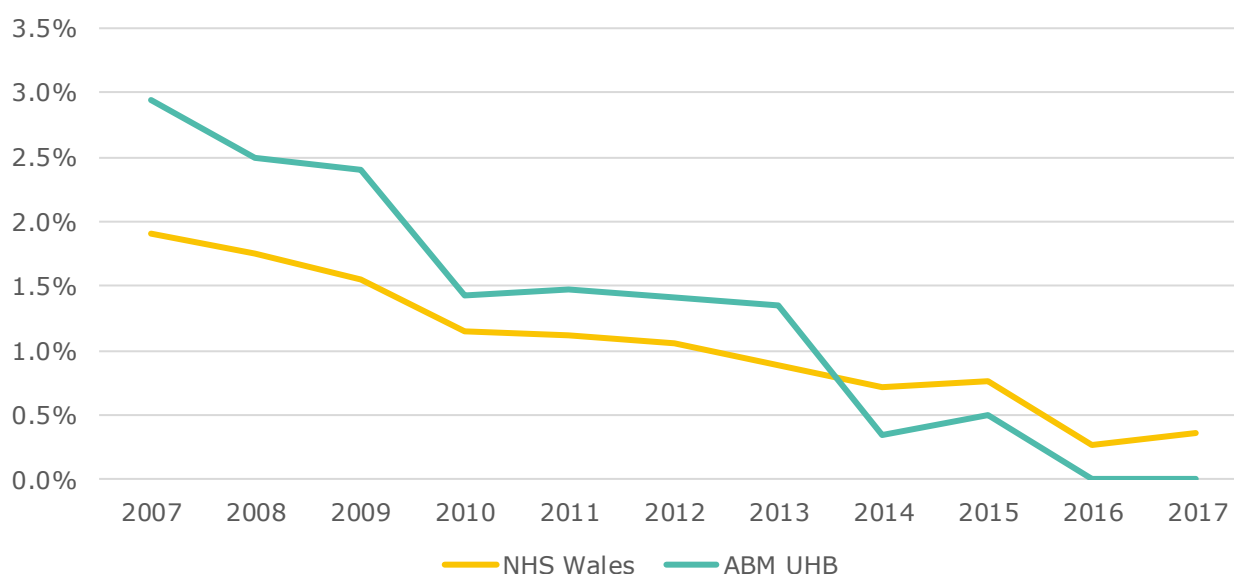
	ABM UHB			NHS Wales		
	Procedures	SSI	SSI rate (95% CI)	Procedures	SSI	SSI rate (95% CI)
Overall	9,821	155	1.6% (1.3-1.8)	70,256	757	1.1% (1.0-1.2)
Age groups						
Under 65	3,266	57	1.7% (1.3-2.3)	22,121	262	1.2% (1.0-1.3)
65-74	3,631	55	1.5% (1.1-2.0)	25,814	269	1.0% (0.9-1.2)
75-84	2,392	37	1.5% (1.1-2.1)	18,153	187	1.0% (0.9-1.2)
85 and over	329	4	1.2% (0.3-3.1)	3,299	29	0.9% (0.6-1.3)
Unknown	203	2	1.0% (0.1-3.5)	869	10	1.2% (0.6-2.1)
Sex						
Male	4,374	84	1.9% (1.5-2.4)	29,486	367	1.2% (1.1-1.4)
Female	5,432	71	1.3% (1.0-1.6)	40,396	386	1.0% (0.9-1.1)
Unknown	15	0	0.0% (0.0-21.8)	374	4	1.1% (0.3-2.7)
Procedure type						
Primary	9,412	150	1.6% (1.4-1.9)	66,579	725	1.1% (1.0-1.2)
Revision	306	4	1.3% (0.4-3.3)	1,839	24	1.3% (0.8-1.9)
Unknown	103	1	1.0% (0.0-5.3)	1,838	8	0.4% (0.2-0.9)
Joint						
Hip	4,491	65	1.4% (1.1-1.8)	32,379	326	1.0% (0.9-1.1)
Knee	5,250	89	1.7% (1.4-2.1)	36,732	424	1.2% (1.0-1.3)
Other	80	1	1.3% (0.0-6.8)	1,145	7	0.6% (0.2-1.3)
Report source						
Electronic	1,002	0	0.0% (0.0-0.4)	13,549	47	0.3% (0.3-0.5)
Paper forms	8,819	155	1.8% (1.5-2.1)	56,681	710	1.3% (1.2-1.3)

Table includes data from 2007 to 2017.



Annual SSI rates

	ABM 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>
Overall	9,821	155	1.6% (1.3-1.8)	70,256	757	1.1% (1.0-1.2)
Year						
2017	139	0	0.0% (0.0-2.6)	5,698	20	0.4% (0.2-0.5)
2016	436	0	0.0% (0.0-0.8)	6,009	16	0.3% (0.2-0.4)
2015	597	3	0.5% (0.1-1.5)	4,894	37	0.8% (0.5-1.0)
2014	585	2	0.3% (0.0-1.2)	5,438	39	0.7% (0.5-1.0)
2013	812	11	1.4% (0.7-2.4)	6,238	55	0.9% (0.7-1.1)
2012	1,349	19	1.4% (0.9-2.2)	8,104	86	1.1% (0.8-1.3)
2011	1,420	21	1.5% (0.9-2.3)	7,433	83	1.1% (0.9-1.4)
2010	1,402	20	1.4% (0.9-2.2)	6,120	70	1.1% (0.9-1.4)
2009	1,500	36	2.4% (1.7-3.3)	7,251	113	1.6% (1.3-1.9)
2008	800	20	2.5% (1.5-3.8)	6,904	121	1.8% (1.5-2.1)
2007	781	23	2.9% (1.9-4.4)	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.