



Demographic data

	Aneurin Bevan UHB		NHS Wales	
Total procedures	15,391		70,256	
Age groups				
Under 65	4,818	32%	22,121	32%
65-74	5,735	38%	25,814	37%
75-84	3,861	25%	18,153	26%
85 and over	754	5%	3,299	5%
Unknown	223		869	
Sex				
Male	6,482	42%	29,486	42%
Female	8,810	58%	40,396	58%
Unknown	99		374	
Procedure type				
Primary	14,054	98%	66,579	97%
Revision	315	2%	1,839	3%
Unknown	1,022		1,838	
Joint				
Hip	6,658	43%	32,379	46%
Knee	7,991	52%	36,732	52%
Other	742	5%	1,145	2%
Report source				
Electronic	3,045	20%	13,549	19%
Paper forms	12,346	80%	56,681	81%

Table includes data from 2007 to 2017.



Aneurin Bevan University Health Board

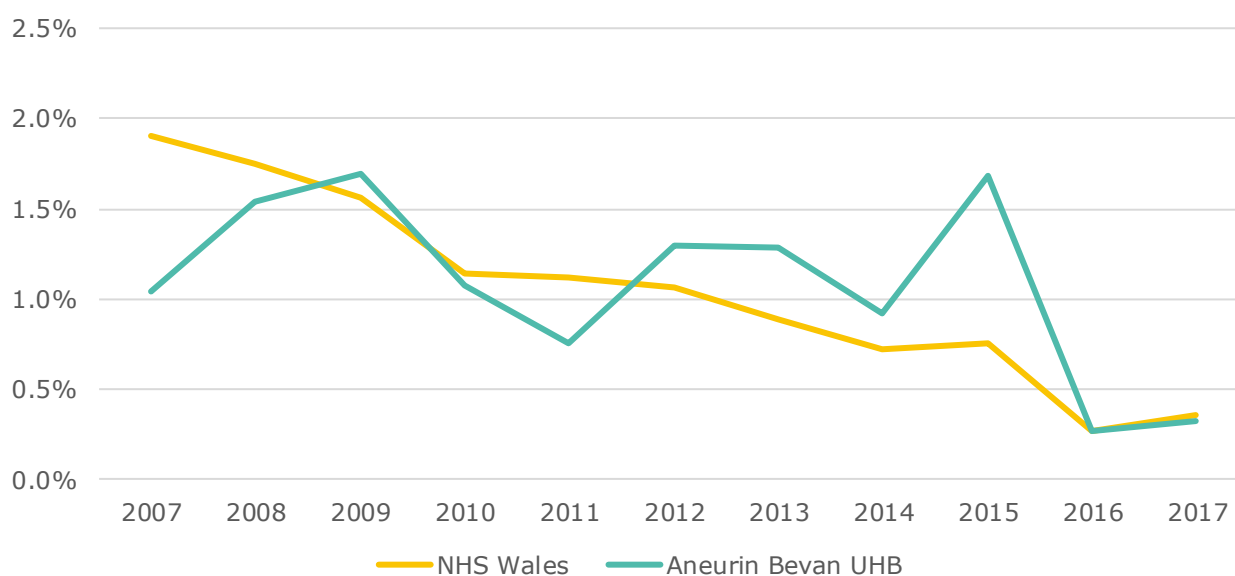
SSI rates

	Aneurin Bevan UHB			NHS Wales		
	Procedures	SSI	SSI rate (95% CI)	Procedures	SSI	SSI rate (95% CI)
Overall	15,391	162	1.1% (0.9-1.2)	70,256	757	1.1% (1.0-1.2)
Age groups						
Under 65	4,818	62	1.3% (1.0-1.6)	22,121	262	1.2% (1.0-1.3)
65-74	5,735	56	1.0% (0.7-1.3)	25,814	269	1.0% (0.9-1.2)
75-84	3,861	34	0.9% (0.6-1.2)	18,153	187	1.0% (0.9-1.2)
85 and over	754	9	1.2% (0.5-2.3)	3,299	29	0.9% (0.6-1.3)
Unknown	223	1	0.4% (0.0-2.5)	869	10	1.2% (0.6-2.1)
Sex						
Male	6,482	82	1.3% (1.0-1.6)	29,486	367	1.2% (1.1-1.4)
Female	8,810	80	0.9% (0.7-1.1)	40,396	386	1.0% (0.9-1.1)
Unknown	99	0	0.0% (0.0-3.7)	374	4	1.1% (0.3-2.7)
Procedure type						
Primary	14,054	152	1.1% (0.9-1.3)	66,579	725	1.1% (1.0-1.2)
Revision	315	6	1.9% (0.7-4.1)	1,839	24	1.3% (0.8-1.9)
Unknown	1,022	4	0.4% (0.1-1.0)	1,838	8	0.4% (0.2-0.9)
Joint						
Hip	6,658	61	0.9% (0.7-1.2)	32,379	326	1.0% (0.9-1.1)
Knee	7,991	98	1.2% (1.0-1.5)	36,732	424	1.2% (1.0-1.3)
Other	742	3	0.4% (0.1-1.2)	1,145	7	0.6% (0.2-1.3)
Report source						
Electronic	3,045	9	0.3% (0.1-0.6)	13,549	47	0.3% (0.3-0.5)
Paper forms	12,346	153	1.2% (1.1-1.5)	56,681	710	1.3% (1.2-1.3)

Table includes data from 2007 to 2017.

Annual SSI rates

	Aneurin Bevan UHB			NHS Wales		
	Procedures	SSI	SSI rate (95% CI)	Procedures	SSI	SSI rate (95% CI)
Overall	15,391	162	1.1% (0.9-1.2)	70,256	757	1.1% (1.0-1.2)
Year						
2017	1,556	5	0.3% (0.1-0.7)	5,698	20	0.4% (0.2-0.5)
2016	1,506	4	0.3% (0.1-0.7)	6,009	16	0.3% (0.2-0.4)
2015	891	15	1.7% (0.9-2.8)	4,894	37	0.8% (0.5-1.0)
2014	979	9	0.9% (0.4-1.7)	5,438	39	0.7% (0.5-1.0)
2013	1,325	17	1.3% (0.7-2.0)	6,238	55	0.9% (0.7-1.1)
2012	1,389	18	1.3% (0.8-2.0)	8,104	86	1.1% (0.8-1.3)
2011	1,714	13	0.8% (0.4-1.3)	7,433	83	1.1% (0.9-1.4)
2010	1,121	12	1.1% (0.6-1.9)	6,120	70	1.1% (0.9-1.4)
2009	1,359	23	1.7% (1.1-2.5)	7,251	113	1.6% (1.3-1.9)
2008	1,814	28	1.5% (1.0-2.2)	6,904	121	1.8% (1.5-2.1)
2007	1,737	18	1.0% (0.6-1.6)	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.