



Demographic data

	Betsi Cadwaladr UHB		NHS Wales	
Total procedures	14,199		70,256	
Age groups				
Under 65	3,933	28%	22,121	32%
65-74	5,378	38%	25,814	37%
75-84	3,991	28%	18,153	26%
85 and over	781	6%	3,299	5%
Unknown	116		869	
Sex				
Male	5,804	41%	29,486	42%
Female	8,343	59%	40,396	58%
Unknown	52		374	
Procedure type				
Primary	13,661	97%	66,579	97%
Revision	351	3%	1,839	3%
Unknown	187		1,838	
Joint				
Hip	7,199	51%	32,379	46%
Knee	6,882	48%	36,732	52%
Other	118	1%	1,145	2%
Report source				
Electronic	2,090	15%	13,549	19%
Paper forms	12,109	85%	56,681	81%

Table includes data from 2007 to 2017.



Betsi Cadwaladr University Health Board

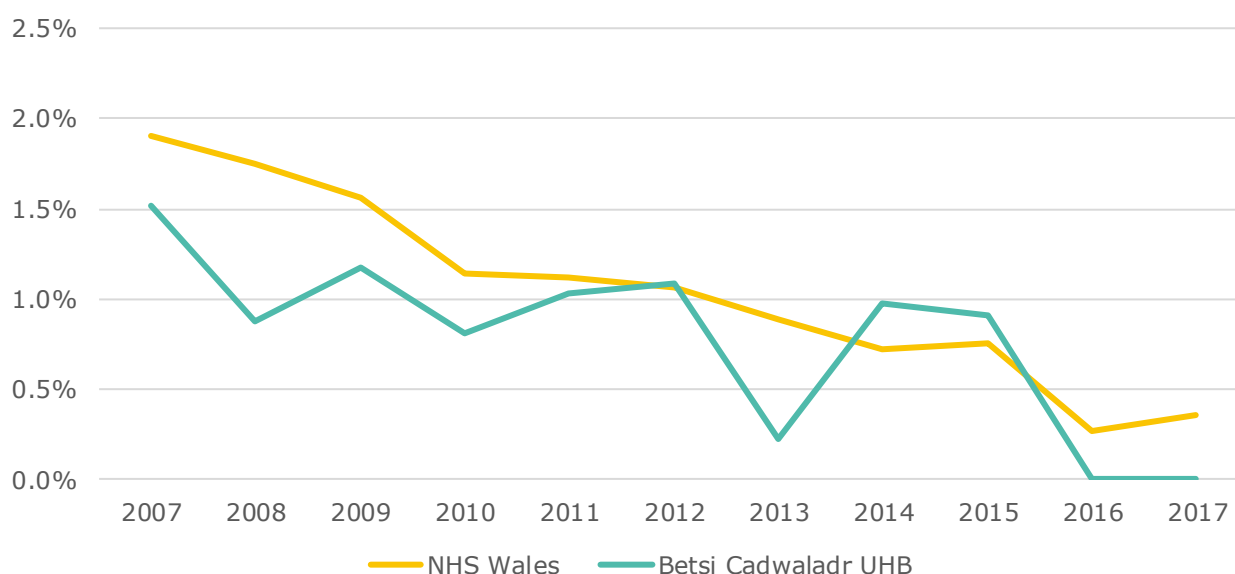
SSI rates

	Betsi Cadwaladr 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	14,199	119	0.8% (0.7-1.0)	70,256	757	1.1% (1.0-1.2)
Age groups						
Under 65	3,933	37	0.9% (0.7-1.3)	22,121	262	1.2% (1.0-1.3)
65-74	5,378	47	0.9% (0.6-1.2)	25,814	269	1.0% (0.9-1.2)
75-84	3,991	27	0.7% (0.4-1.0)	18,153	187	1.0% (0.9-1.2)
85 and over	781	5	0.6% (0.2-1.5)	3,299	29	0.9% (0.6-1.3)
Unknown	116	3	2.6% (0.5-7.4)	869	10	1.2% (0.6-2.1)
Sex						
Male	5,804	53	0.9% (0.7-1.2)	29,486	367	1.2% (1.1-1.4)
Female	8,343	64	0.8% (0.6-1.0)	40,396	386	1.0% (0.9-1.1)
Unknown	52	2	3.8% (0.5-13.2)	374	4	1.1% (0.3-2.7)
Procedure type						
Primary	13,661	114	0.8% (0.7-1.0)	66,579	725	1.1% (1.0-1.2)
Revision	351	4	1.1% (0.3-2.9)	1,839	24	1.3% (0.8-1.9)
Unknown	187	1	0.5% (0.0-2.9)	1,838	8	0.4% (0.2-0.9)
Joint						
Hip	7,199	51	0.7% (0.5-0.9)	32,379	326	1.0% (0.9-1.1)
Knee	6,882	67	1.0% (0.8-1.2)	36,732	424	1.2% (1.0-1.3)
Other	118	1	0.8% (0.0-4.6)	1,145	7	0.6% (0.2-1.3)
Report source						
Electronic	2,090	3	0.1% (0.0-0.4)	13,549	47	0.3% (0.3-0.5)
Paper forms	12,109	116	1.0% (0.8-1.1)	56,681	710	1.3% (1.2-1.3)

Table includes data from 2007 to 2017.

Annual SSI rates

	Betsi Cadwaladr 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	14,199	119	0.8% (0.7-1.0)	70,256	757	1.1% (1.0-1.2)
Year						
2017	950	0	0.0% (0.0-0.4)	5,698	20	0.4% (0.2-0.5)
2016	1,019	0	0.0% (0.0-0.4)	6,009	16	0.3% (0.2-0.4)
2015	993	9	0.9% (0.4-1.7)	4,894	37	0.8% (0.5-1.0)
2014	1,539	15	1.0% (0.5-1.6)	5,438	39	0.7% (0.5-1.0)
2013	1,317	3	0.2% (0.0-0.7)	6,238	55	0.9% (0.7-1.1)
2012	1,939	21	1.1% (0.7-1.7)	8,104	86	1.1% (0.8-1.3)
2011	1,260	13	1.0% (0.6-1.8)	7,433	83	1.1% (0.9-1.4)
2010	994	8	0.8% (0.3-1.6)	6,120	70	1.1% (0.9-1.4)
2009	1,359	16	1.2% (0.7-1.9)	7,251	113	1.6% (1.3-1.9)
2008	1,377	12	0.9% (0.5-1.5)	6,904	121	1.8% (1.5-2.1)
2007	1,452	22	1.5% (1.0-2.3)	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.