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Iechyd Cyhoeddus
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Public Health
Wales

ANNUAL REPORT: 2014

Orthopaedic Surgical Site Infection Surveillance

(Includes data from 01/01/2014 - 31/12/2014)

Hywel Dda uHB

VERSION 1

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CONTENTS

Acknowledgements.....	2
Section 1: 2014 SSI Rates & Compliance	3
1.1 Rates.....	3
1.2 Compliance	3
2. Detailed Rates and Compliance	3
2.1 Primary Hip Arthroplasty Rates.....	3
2.2 Primary Hip Arthroplasty Compliance	4
2.3 Primary Knee Arthroplasty Rates	4
2.4 Primary Knee Arthroplasty Compliance.....	5
Summary:	5

Section 1: 2014 SSI Rates & Compliance

Note that this report only includes valid elective Primary Hip Arthroplasty and Primary Knee Arthroplasty procedures. Revision and emergency procedures are not included.

This page estimates the infection rates and compliance of the Health Board, and provides a comparison with Wales.

1.1 Rates

Health Board	Primary Hip Arthroplasty Rates %	Primary Knee Arthroplasty Rates %
All Wales	0.90	1.41
Hywel Dda Health Board	0.41	0.42

1.2 Compliance

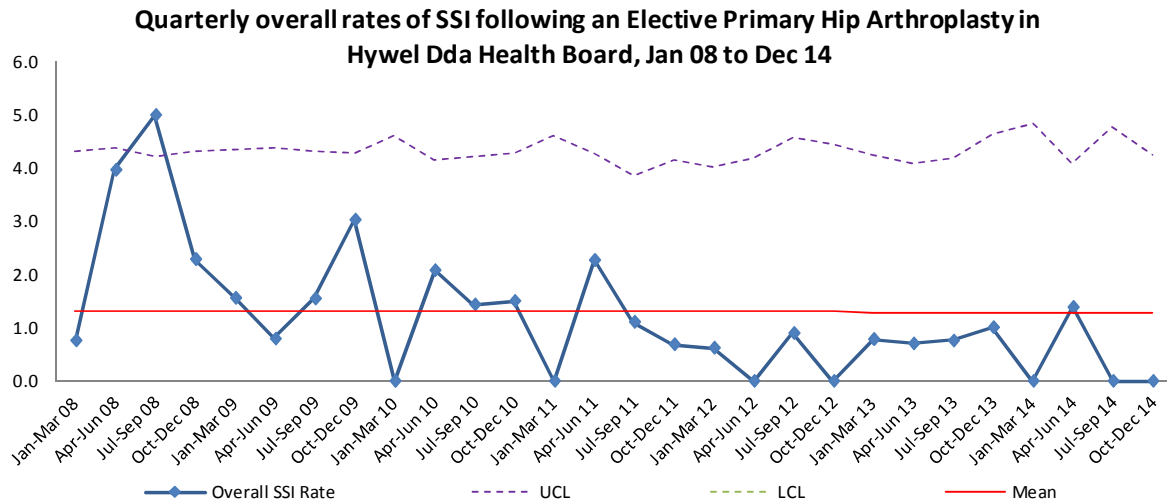
Health Board	Primary Hip Arthroplasty Compliance %	Primary Knee Arthroplasty Compliance %
All Wales	72.9	79.2
Hywel Dda Health Board	95.5	98.2

2. Detailed Rates and Compliance

This section details the rates and compliance for the Health Board.

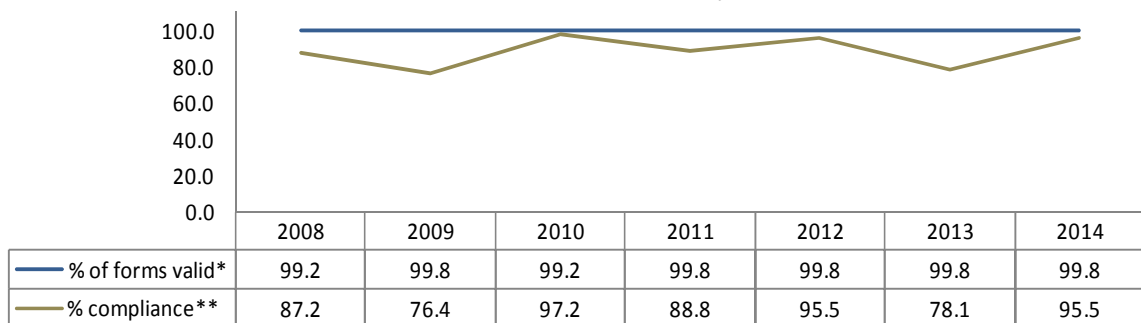
2.1 Primary Hip Arthroplasty Rates

Year	Number of procedures	Number of inpatient SSI	Number of post-discharge SSI	Overall SSI rate
2008	524	8	8	3.05
2009	514	2	7	1.75
2010	519	1	6	1.35
2011	564	3	3	1.06
2012	533	0	2	0.38
2013	500	0	4	0.80
2014	489	2	0	0.41



2.2 Primary Hip Arthroplasty Compliance

Annual % of returned forms that are valid* and % compliance in Hywel Dda Health Board , 2008-2014**

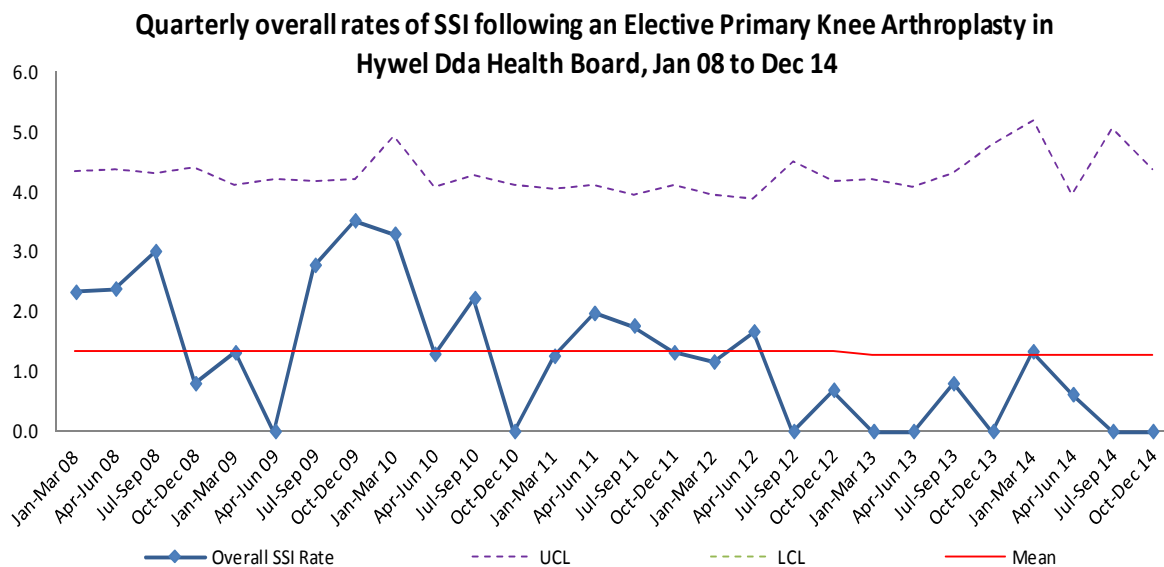


*Valid forms=IP SSI or PD SSI responses are completed

**Compliance=(Number of valid forms/Number of procedures reported to NWIS) x 100

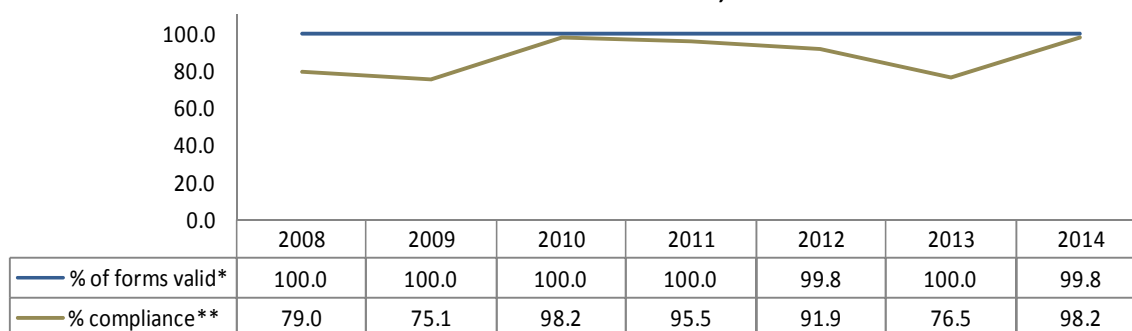
2.3 Primary Knee Arthroplasty Rates

Year	Number of procedures	Number of inpatient SSI	Number of post-discharge SSI	Overall SSI rate
2008	513	4	7	2.14
2009	579	1	10	1.90
2010	532	2	6	1.50
2011	633	5	5	1.58
2012	613	1	5	0.98
2013	497	0	1	0.20
2014	478	0	2	0.42



2.4 Primary Knee Arthroplasty Compliance

Annual % of returned forms that are valid* and % compliance in Hywel Dda Health Board , 2008-2014**



*Valid forms=IP SSI or PD SSI responses are completed

** Compliance=(Number of valid forms/Number of procedures reported to NWIS) x 100

Summary:

Hywel Dda SSI rate following primary hip arthroplasty in 2014 was 0.4% compared to 0.4% and 0.8% in 2012 and 2013 respectively.

Cardiff & Vale SSI rate for primary knee arthroplasty in 2014 was 0.4% compared to 1.0% and 0.2% in 2012 and 2013 respectively.