

**Staphylococcus aureus Blood Stream Infection (Bacteraemia)**  
**Surveillance**

**Abertawe Bro Morgannwg University Health Board Data**  
**per 100 000 Bed Days**

## **Rates of *Staphylococcus aureus* Blood Stream Infections per 100 000 bed days**

For the *Staphylococcus aureus* blood stream infection (bacteraemia) surveillance scheme, rates produced for reports have historically used 1000 bed days as the standard comparison denominator. However, the Top Ten Blood Stream Infection (bacteraemia) surveillance uses 100 000 bed days as the standard comparison denominator. To allow comparisons between the two schemes, the *Staph. aureus* data published for each Health Board has been recalculated to be per 100 000 bed days. However to allow comparison with the English scheme, is presented per 10,000 bed days please divide these Welsh Health Board figures by 10.

### **Abertawe Bro Morgannwg University Health Board Annual Data: 01/10/09 – 30/09/10**

<b>Blood Culture Sets Taken (BCS)</b>	<b>Positive Blood Cultures (PBS)*</b>	<b>Total <i>S.aureus</i></b>	<b>MRSA</b>	<b>Bed days</b>	<b>% of BCS that are MRSA</b>	<b>% of PBS that are MRSA</b>	<b>% of <i>S.aureus</i> that are MRSA</b>	<b>BCS/100 000 bed days</b>	<b>PBS/100 000 bed days</b>	<b>Total <i>S.aureus</i> /100 000 bed days</b>	<b>MRSA/100 000 bed days</b>
17009	2529	187	55	811766	0.32	2.17	29.41	2095	312	23	7

\*Including duplicates and contaminants

**Abertawe Bro Morgannwg Unversity Health Board Quarterly Trend Data:**  
**01/04/08 – 30/09/10**

<b>Quarter</b>	<b>Quarter no</b>	<b>MRSA</b>	<b>MSSA</b>	<b>Total <i>S. aureus</i></b>	<b>Bed days</b>	<b>MRSA/100 000 bed days</b>	<b>MSSA/100 000 bed days</b>	<b>SA/100 000 bed days</b>
<b>Apr 08 - Jun 08</b>	<b>29</b>	23	24	47	194598	12	12	24
<b>Jul 08 - Sep 08</b>	<b>30</b>	16	26	42	211498	8	12	20
<b>Oct 08 - Dec 08</b>	<b>31</b>	15	34	49	214293	7	16	23
<b>Jan 09 - Mar 09</b>	<b>32</b>	9	37	46	212419	4	17	22
<b>Apr 09 - Jun 09</b>	<b>33</b>	12	41	53	209062	6	20	25
<b>Jul 09 - Sep 09</b>	<b>34</b>	6	34	40	200835	3	17	20
<b>Oct 09 - Dec 09</b>	<b>35</b>	16	40	56	199484	8	20	28
<b>Jan 10 - Mar 10</b>	<b>36</b>	10	37	47	207114	5	18	23
<b>Apr 10 - Jun 10</b>	<b>37</b>	13	26	39	202142	6	13	19
<b>Jul 10 - Sep 10</b>	<b>38</b>	16	30	46	202725	8	15	23