

Uncommon pathogens involved in bacteraemia, England, Wales and Northern Ireland: 2001-2006**

Organism	Bacteraemia reports					
	2001	2002	2003	2004	2005	2006
Gram positive - Actinomycetes						
<i>Nocardia</i> spp*	3	1	3	1	6	3
<i>Nocardia otitidiscaviarum (caviae)</i>	2	-	-	-	-	-
<i>Oerskovia</i> spp*	1	-	-	1	3	-
<i>Rhodococcus</i> spp*	4	4	8	14	16	13
<i>Rhodococcus equi (Corynebacterium equi)</i>	1	-	-	2	-	-
<i>Tropheryma</i> spp*	1	-	-	-	-	-
Gram positive – Other						
<i>Abiotrophia</i> spp*	8	11	10	16	20	33
<i>Abiotrophia adjacens</i>	3	7	5	10	12	18
<i>Abiotrophia defectiva</i>	4	3	3	4	5	11
<i>Actinomyces</i> spp*	1	6	6	7	7	8
<i>Actinomyces meyeri</i>	-	-	1	1	-	-
<i>Actinomyces naeslundii</i>	-	1	2	3	1	3
<i>Actinomyces odontolyticus</i>	1	-	-	1	-	-
<i>Actinomyces pyogenes</i>	-	-	-	1	-	-
<i>Arcanobacterium</i> spp*	3	5	7	6	5	10
<i>Arcanobacterium haemolyticum</i>	3	5	7	6	5	10
<i>Bifidobacterium</i> spp*	-	2	4	3	2	3
<i>Brevibacterium</i> spp*	6	6	12	11	14	12
<i>Dermabacter</i> spp*	1	2	2	2	4	1
<i>Dermabacter hominis</i>	1	2	2	2	4	1
<i>Erysipelothrix</i> spp*	3	1	2	-	2	1
<i>Erysipelothrix rhusiopathiae (insidiosa)</i>	3	1	2	-	2	1
<i>Eubacterium</i> spp*	10	9	12	28	12	20
<i>Eubacterium lentum</i>	5	5	7	16	5	11
<i>Gemella</i> spp*	51	38	71	82	92	97
<i>Gemella haemolysans</i>	11	10	21	26	31	23
<i>Gemella morbillorum</i>	20	21	33	46	43	58
<i>Globicatella</i> spp*	1	-	-	-	-	2
<i>Globicatella sanguis</i>	1	-	-	-	-	2
<i>Lactobacillus</i> spp*	22	20	34	45	58	43
<i>Lactobacillus acidophilus</i>	3	1	-	2	2	3
<i>Lactobacillus brevis</i>	-	-	-	-	-	1
<i>Lactobacillus casei</i>	-	-	-	1	-	1
<i>Lactobacillus fermentum</i>	-	-	-	-	1	1
<i>Lactobacillus plantarum</i>	-	-	-	-	-	2
<i>Lactobacillus rhamnosus</i>	2	-	5	2	4	2
<i>Lactococcus</i> spp*	24	25	30	40	30	48
<i>Lactococcus cremoris</i>	10	12	11	18	5	13
<i>Lactococcus lactis</i>	8	8	13	15	22	31
<i>Leuconostoc</i> spp*	16	14	24	31	25	38
<i>Mobiluncus</i> spp*	-	-	1	-	1	-
<i>Pediococcus</i> spp*	1	2	4	3	4	3
<i>Peptococcus</i> spp*	17	12	17	22	23	11
<i>Rothia</i> spp*	-	2	2	3	7	12
<i>Rothia dentocariosa</i>	-	2	2	3	3	6
<i>Stomatococcus</i> spp*	-	4	7	9	4	5
<i>Stomatococcus mucilaginosus</i>	-	4	7	9	4	5

Gram negative - Enterobacteriaceae						
Cedecea spp*	-	-	1	1	1	2
<i>Cedecea davisae</i>	-	-	1	-	-	1
<i>Cedecea lapagei</i>	-	-	-	1	-	-
Edwardsiella spp*	1	-	2	-	1	3
<i>Edwardsiella tarda</i>	1	-	1	-	1	-
Erwinia spp*	1	1	-	-	1	2
Hafnia spp*	42	21	32	30	29	27
<i>Hafnia alvei</i>	40	21	30	30	28	27
Kluyvera spp*	21	20	21	22	18	21
<i>Kluyvera ascorbata</i>	1	-	-	2	-	1
<i>Kluyvera cryocrescens</i>	-	-	-	1	-	-
Leclercia spp*	1	-	2	6	3	2
<i>Leclercia adecarboxylata</i>	1	-	2	6	3	2
Rahnella spp*	3	6	1	3	9	3
Shigella spp*	4	2	1	3	3	4
<i>Shigella flexneri</i>	2	-	-	1	2	3
<i>Shigella sonnei</i>	1	-	1	2	1	-
Yersinia spp*	8	17	12	12	10	16
<i>Yersinia enterocolitica</i>	6	15	8	11	6	14
<i>Yersinia frederiksenii</i>	-	-	1	1	-	-
<i>Yersinia intermedia</i>	1	-	-	-	-	-
<i>Yersinia pseudotuberculosis</i>	-	1	2	-	3	2
<i>Yersinia rohdei</i>	1	-	-	-	-	-

Gram negative - Non-fermenters						
Achromobacter spp*	3	5	9	19	16	32
Agrobacterium spp*	48	55	45	54	49	40
<i>Agrobacterium radiobacter (Agrobacterium tumefaciens)</i>	42	46	42	53	44	37
Burkholderia spp*	12	36	46	38	39	28
<i>Burkholderia cepacia</i>	12	36	45	38	38	25
<i>Burkholderia mallei</i>	-	-	-	-	1	-
<i>Burkholderia pseudomallei</i>	-	-	1	-	-	3
Chryseomonas spp*	24	27	39	30	37	21
<i>Chryseomonas luteola</i>	22	26	38	29	37	18
Comamonas spp*	29	27	28	30	30	29
<i>Comamonas acidovorans</i>	22	24	22	23	14	17
<i>Comamonas testosteroni</i>	3	2	3	2	6	6
Eikenella spp*	2	5	8	7	11	5
<i>Eikenella corrodens</i>	2	5	7	7	8	5
Flavimonas spp*	15	31	36	27	44	26
<i>Flavimonas oryzihabitans</i>	15	31	36	27	44	26
Flavobacterium spp*	13	16	14	12	10	3
Ochrobactrum spp*	39	48	47	57	54	55
<i>Ochrobactrum anthropi</i>	36	46	46	54	52	53
Oligella spp*	1	2	1	2	2	3
<i>Oligella ureolytica</i>	-	-	1	1	1	2
<i>Oligella urethralis</i>	1	1	-	1	-	-
Ralstonia spp*	7	7	9	9	14	14
<i>Ralstonia pickettii</i>	7	7	9	9	14	14
Shewanella spp*	3	3	4	4	3	6
<i>Shewanella putrefaciens (Pseudomonas putrefaciens)</i>	3	3	4	4	3	5
Sphingobacterium spp*	2	3	3	-	6	1
<i>Sphingobacterium multivorum</i>	1	1	3	-	4	1
<i>Sphingobacterium spiritivorum</i>	-	1	1	1	5	-
Sphingomonas spp*	27	23	36	39	56	61
<i>Sphingomonas paucimobilis</i>	26	23	33	35	51	57

Weeksella spp*	1	3	2	2	2	2
<i>Weeksella virosa</i>	1	3	2	2	2	2

Gram negative - Other						
Actinobacillus spp*	5	3	1	3	1	1
<i>Actinobacillus ureae</i>	-	-	1	-	-	1
Anaerobiospirillum spp*	1	-	4	6	9	4
Bartonella spp*	-	-	1	-	-	-
<i>Bartonella henselae</i>	-	-	1	-	-	-
Bordetella spp*	-	4	1	2	6	4
<i>Bordetella bronchiseptica</i>	-	2	-	-	5	3
<i>Bordetella pertussis</i>	-	-	1	1	-	-
Borrelia spp*	2	1	1	1	1	1
<i>Borrelia burgdorferi</i>	2	1	1	1	1	1
Branhamella spp*	1	2	7	7	4	3
Brevundimonas spp*	14	18	20	30	27	27
<i>Brevundimonas diminuta</i>	4	6	5	6	8	8
<i>Brevundimonas vesicularis</i>	9	12	15	24	19	18
Brucella spp*	4	2	4	5	3	7
<i>Brucella abortus</i>	1	-	1	-	-	1
<i>Brucella melitensis</i>	-	1	1	3	3	3
Capnocytophaga spp*	8	4	10	5	12	9
<i>Capnocytophaga ochracea</i>	1	-	1	-	-	-
Cardiobacterium spp*	1	2	1	3	1	1
<i>Cardiobacterium hominis</i>	1	2	1	3	1	1
Chromobacterium spp*	4	5	4	2	2	2
<i>Chromobacterium violaceum</i>	3	4	2	2	-	2
Chryseobacterium spp*	27	27	31	25	34	45
<i>Chryseobacterium gleum</i>	1	-	1	1	-	-
<i>Chryseobacterium indologenes</i>	17	20	22	20	22	33
<i>Chryseobacterium meningosepticum</i>	9	7	7	4	11	9
Coxiella spp*	-	1	2	-	-	-
<i>Coxiella burnetii</i>	-	1	2	-	-	-
Empedobacter spp*	-	1	2	-	1	-
<i>Empedobacter brevis</i>	-	1	2	-	1	-
Francisella spp*	-	1	-	-	-	-
Gardnerella spp*	2	2	3	2	3	2
<i>Gardnerella vaginalis</i>	2	2	2	2	3	2
Kingella spp*	4	4	5	2	7	1
<i>Kingella denitrificans</i>	-	1	-	1	-	1
<i>Kingella kingae</i>	4	1	4	1	6	-
Legionella spp*	1	1	-	-	-	1
<i>Legionella pneumophila</i>	1	-	-	-	-	-
Leptospira spp*	-	-	-	2	1	1
<i>Leptospira hardjo</i>	-	-	-	1	-	-
Leptotrichia spp*	2	3	-	-	2	2
<i>Leptotrichia buccalis</i>	2	2	-	-	1	1
Myroides spp*	-	1	-	-	1	-
<i>Myroides odoratus</i>	-	1	-	-	1	-
Porphyromonas spp*	1	1	4	3	3	5
<i>Porphyromonas asaccharolytica</i>	1	1	3	2	2	3
Prevotella spp*	45	43	61	79	66	81
<i>Prevotella bivia</i>	2	1	2	6	4	4
<i>Prevotella buccae</i>	4	2	4	5	6	3
<i>Prevotella denticola</i>	-	-	-	1	-	1
<i>Prevotella disiens</i>	1	-	2	1	-	1
<i>Prevotella intermedia</i>	-	1	2	2	-	1

<i>Prevotella loescheii</i>	7	3	6	10	6	16
<i>Prevotella melaninogenica</i>	13	7	12	14	6	9
<i>Prevotella oralis</i>	7	13	10	23	14	16
Roseomonas spp*	2	-	1	-	5	5
<i>Roseomonas gilardii</i>	-	-	-	-	3	1
Streptobacillus spp*	2	1	1	4	1	-
<i>Streptobacillus moniliformis</i>	1	1	1	-	1	-
Veillonella spp*	10	15	14	18	22	15
Vibrio spp*	4	4	5	-	2	-
<i>Vibrio alginolyticus</i>	-	1	2	-	-	-
<i>Vibrio fluvialis</i>	-	1	-	-	1	-
<i>Vibrio hollisae</i>	-	1	-	-	-	-
<i>Vibrio metschnikovii</i>	1	-	1	-	-	-
<i>Vibrio parahaemolyticus</i>	-	-	1	-	1	-

*Includes isolates of other species and/or those not identified to species level

** Data extracted 11 December 2007