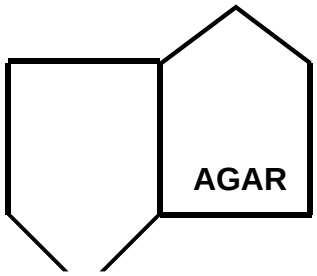

The Australian Group on Antimicrobial Resistance

Staphylococcus Awareness Program

Final Data
(17 August 2004)

Survey 19 - November 2003

Staphylococcus aureus **- number and percentage resistant**

Lab	*Total*	*Pen* 0.125	*Ox* 2	*Van* 2	*Tei* 2	*Rif* 1	*Fus* 1	*Gen* 4	*Chl* 8	*Ery* 0.5	*Cln* 0.5	*Tet* 4	*Tmp* 8	*Cip* 1	*Mup* 1
QLD															
101	100	81 (100)	12 (100)	0 (100)	1 (100)	0 (100)	7 (100)	12 (100)	1 (100)	24 (100)	8 (100)	12 (100)	14 (100)	12 (100)	2 (100)
		81.0%	*12.0%*	*0%*	*1.0%*	*0%*	*7.0%*	*12.0%*	*1.0%*	*24.0%*	*8.0%*	*12.0%*	*14.0%*	*12.0%*	*2.0%*
102	100	88 (100)	13 (100)	0 (100)	0 (100)	0 (100)	7 (100)	8 (100)	0 (100)	15 (100)	11 (100)	11 (100)	9 (100)	9 (100)	1 (100)
		88.0%	*13.0%*	*0%*	*0%*	*0%*	*7.0%*	*8.0%*	*0%*	*15.0%*	*11.0%*	*11.0%*	*9.0%*	*9.0%*	*1.0%*
103	100	83 (100)	33 (100)	0 (100)	0 (100)	4 (100)	7 (100)	24 (100)	0 (100)	41 (100)	23 (100)	26 (100)	29 (100)	29 (100)	3 (100)
		83.0%	*33.0%*	*0%*	*0%*	*4.0%*	*7.0%*	*24.0%*	*0%*	*41.0%*	*23.0%*	*26.0%*	*29.0%*	*29.0%*	*3.0%*
Total	*300*	*252*	*58*	*0*	*1*	*4*	*21*	*44*	*1*	*80*	*42*	*49*	*52*	*50*	*6*
		84.0%	*19.3%*	*0%*	*0.3%*	*1.3%*	*7.0%*	*14.7%*	*0.3%*	*26.7%*	*14.0%*	*16.3%*	*17.3%*	*16.7%*	*2.0%*

Staphylococcus Survey 19 (November 2003)

Staphylococcus aureus **- number and percentage resistant**

Lab	*Total*	*Pen* 0.125	*Ox* 2	*Van* 2	*Tei* 2	*Rif* 1	*Fus* 1	*Gen* 4	*Chl* 8	*Ery* 0.5	*Cln* 0.5	*Tet* 4	*Tmp* 8	*Cip* 1	*Mup* 1
NSW															
201	100	88 (100)	34 (100)	0 (100)	0 (100)	0 (100)	3 (100)	24 (100)	1 (100)	38 (100)	1 (100)	22 (100)	23 (100)	32 (100)	4 (100)
		88.0%	*34.0%*	*0%*	*0%*	*0%*	*3.0%*	*24.0%*	*1.0%*	*38.0%*	*1.0%*	*22.0%*	*23.0%*	*32.0%*	*4.0%*
203	100	95 (100)	47 (100)	0 (100)	2 (100)	2 (100)	3 (100)	36 (100)	1 (100)	46 (100)	37 (100)	38 (100)	36 (100)	45 (100)	2 (100)
		95.0%	*47.0%*	*0%*	*2.0%*	*2.0%*	*3.0%*	*36.0%*	*1.0%*	*46.0%*	*37.0%*	*38.0%*	*36.0%*	*45.0%*	*2.0%*
204	99	92 (99)	43 (99)	0 (99)	0 (99)	0 (99)	1 (99)	30 (99)	3 (99)	34 (99)	0 (99)	31 (99)	30 (99)	34 (99)	0 (99)
		92.9%	*43.4%*	*0%*	*0%*	*0%*	*1.0%*	*30.3%*	*3.0%*	*34.3%*	*0%*	*31.3%*	*30.3%*	*34.3%*	*0%*
205	100	89 (100)	39 (100)	0 (100)	0 (100)	2 (100)	2 (100)	28 (100)	1 (100)	48 (100)	29 (100)	28 (100)	29 (100)	40 (100)	0 (100)
		89.0%	*39.0%*	*0%*	*0%*	*2.0%*	*2.0%*	*28.0%*	*1.0%*	*48.0%*	*29.0%*	*28.0%*	*29.0%*	*40.0%*	*0%*
207	100	85 (100)	39 (100)	0 (100)	0 (100)	1 (100)	4 (100)	37 (100)	4 (100)	43 (100)	2 (100)	36 (100)	35 (100)	37 (100)	0 (100)
		85.0%	*39.0%*	*0%*	*0%*	*1.0%*	*4.0%*	*37.0%*	*4.0%*	*43.0%*	*2.0%*	*36.0%*	*35.0%*	*37.0%*	*0%*
Total	*499*	*449*	*202*	*0*	*2*	*5*	*13*	*155*	*10*	*209*	*69*	*155*	*153*	*188*	*6*
		90.0%	*40.5%*	*0%*	*0.4%*	*1.0%*	*2.6%*	*31.1%*	*2.0%*	*41.9%*	*13.8%*	*31.1%*	*30.7%*	*37.7%*	*1.2%*
ACT															
301	100	89 (100)	16 (100)	0 (100)	0 (100)	1 (100)	2 (100)	11 (100)	1 (100)	27 (100)	2 (100)	15 (100)	12 (100)	13 (100)	0 (100)
		89.0%	*16.0%*	*0%*	*0%*	*1.0%*	*2.0%*	*11.0%*	*1.0%*	*27.0%*	*2.0%*	*15.0%*	*12.0%*	*13.0%*	*0%*
Total	*100*	*89*	*16*	*0*	*0*	*1*	*2*	*11*	*1*	*27*	*2*	*15*	*12*	*13*	*0*
		89.0%	*16.0%*	*0%*	*0%*	*1.0%*	*2.0%*	*11.0%*	*1.0%*	*27.0%*	*2.0%*	*15.0%*	*12.0%*	*13.0%*	*0%*

Staphylococcus aureus **- number and percentage resistant**

Lab	*Total*	*Pen* 0.125	*Ox* 2	*Van* 2	*Tei* 2	*Rif* 1	*Fus* 1	*Gen* 4	*Chl* 8	*Ery* 0.5	*Cln* 0.5	*Tet* 4	*Tmp* 8	*Cip* 1	*Mup* 1
VIC															
401	100	91 (100)	51 (100)	0 (100)	0 (100)	2 (100)	3 (100)	48 (100)	0 (100)	57 (100)	38 (100)	52 (100)	51 (100)	52 (100)	0 (100)
		91.0%	*51.0%*	*0%*	*0%*	*2.0%*	*3.0%*	*48.0%*	*0%*	*57.0%*	*38.0%*	*52.0%*	*51.0%*	*52.0%*	*0%*
402	99	83 (99)	10 (99)	0 (99)	0 (99)	0 (99)	4 (99)	5 (99)	1 (99)	17 (99)	0 (99)	13 (99)	8 (99)	7 (99)	3 (99)
		83.8%	*10.1%*	*0%*	*0%*	*0%*	*4.0%*	*5.1%*	*1.0%*	*17.2%*	*0%*	*13.1%*	*8.1%*	*7.1%*	*3.0%*
403	100	85 (100)	5 (100)	0 (100)	0 (100)	0 (100)	2 (100)	3 (100)	2 (100)	17 (100)	4 (100)	4 (100)	5 (100)	12 (100)	2 (100)
		85.0%	*5.0%*	*0%*	*0%*	*0%*	*2.0%*	*3.0%*	*2.0%*	*17.0%*	*4.0%*	*4.0%*	*5.0%*	*12.0%*	*2.0%*
404	100	88 (100)	30 (100)	0 (100)	0 (100)	1 (100)	3 (100)	29 (100)	1 (100)	35 (100)	10 (100)	30 (100)	29 (100)	28 (100)	2 (100)
		88.0%	*30.0%*	*0%*	*0%*	*1.0%*	*3.0%*	*29.0%*	*1.0%*	*35.0%*	*10.0%*	*30.0%*	*29.0%*	*28.0%*	*2.0%*
Total	*399*	*347*	*96*	*0*	*0*	*3*	*12*	*85*	*4*	*126*	*52*	*99*	*93*	*99*	*7*
		87.0%	*24.1%*	*0%*	*0%*	*0.8%*	*3.0%*	*21.3%*	*1.0%*	*31.6%*	*13.0%*	*24.8%*	*23.3%*	*24.8%*	*1.8%*
TAS															
501	99	82 (99)	5 (99)	0 (99)	0 (99)	0 (99)	6 (99)	4 (99)	1 (99)	15 (99)	3 (99)	3 (99)	4 (99)	5 (99)	1 (99)
		82.8%	*5.1%*	*0%*	*0%*	*0%*	*6.1%*	*4.0%*	*1.0%*	*15.2%*	*3.0%*	*3.0%*	*4.0%*	*5.1%*	*1.0%*
Total	*99*	*82*	*5*	*0*	*0*	*0*	*6*	*4*	*1*	*15*	*3*	*3*	*4*	*5*	*1*
		82.8%	*5.1%*	*0%*	*0%*	*0%*	*6.1%*	*4.0%*	*1.0%*	*15.2%*	*3.0%*	*3.0%*	*4.0%*	*5.1%*	*1.0%*

Staphylococcus aureus **- number and percentage resistant**

Lab	*Total*	*Pen* 0.125	*Ox* 2	*Van* 2	*Tei* 2	*Rif* 1	*Fus* 1	*Gen* 4	*Chl* 8	*Ery* 0.5	*Cln* 0.5	*Tet* 4	*Tmp* 8	*Cip* 1	*Mup* 1
SA															
601	100	89 (100)	17 (100)	0 (100)	0 (100)	0 (100)	4 (100)	12 (100)	0 (100)	23 (100)	2 (100)	15 (100)	14 (100)	17 (100)	0 (100)
		89.0%	*17.0%*	*0%*	*0%*	*0%*	*4.0%*	*12.0%*	*0%*	*23.0%*	*2.0%*	*15.0%*	*14.0%*	*17.0%*	*0%*
602	26	24 (26)	10 (26)	0 (26)	0 (26)	0 (26)	1 (26)	6 (26)	0 (26)	10 (26)	0 (26)	6 (26)	6 (26)	8 (26)	0 (26)
		92.3%	*38.5%*	*0%*	*0%*	*0%*	*3.8%*	*23.1%*	*0%*	*38.5%*	*0%*	*23.1%*	*23.1%*	*30.8%*	*0%*
603	100	86 (100)	33 (100)	0 (100)	0 (100)	0 (100)	3 (100)	23 (100)	4 (100)	40 (100)	5 (100)	25 (100)	25 (100)	30 (100)	0 (100)
		86.0%	*33.0%*	*0%*	*0%*	*0%*	*3.0%*	*23.0%*	*4.0%*	*40.0%*	*5.0%*	*25.0%*	*25.0%*	*30.0%*	*0%*
604	100	80 (100)	7 (100)	0 (100)	0 (100)	0 (100)	8 (100)	0 (100)	0 (100)	12 (100)	0 (100)	1 (100)	0 (100)	2 (100)	0 (100)
		80.0%	*7.0%*	*0%*	*0%*	*0%*	*8.0%*	*0%*	*0%*	*12.0%*	*0%*	*1.0%*	*0%*	*2.0%*	*0%*
Total	*326*	*279*	*67*	*0*	*0*	*0*	*16*	*41*	*4*	*85*	*7*	*47*	*45*	*57*	*0*
		85.6%	*20.6%*	*0%*	*0%*	*0%*	*4.9%*	*12.6%*	*1.2%*	*26.1%*	*2.1%*	*14.4%*	*13.8%*	*17.5%*	*0%*

Staphylococcus aureus **- number and percentage resistant**

Lab	*Total*	*Pen* 0.125	*Ox* 2	*Van* 2	*Tei* 2	*Rif* 1	*Fus* 1	*Gen* 4	*Chl* 8	*Ery* 0.5	*Cln* 0.5	*Tet* 4	*Tmp* 8	*Cip* 1	*Mup* 1
WA															
701	100	76 (100)	15 (100)	0 (100)	0 (100)	0 (100)	2 (100)	1 (100)	1 (100)	16 (100)	3 (100)	2 (100)	1 (100)	5 (100)	1 (100)
		76.0%	*15.0%*	*0%*	*0%*	*0%*	*2.0%*	*1.0%*	*1.0%*	*16.0%*	*3.0%*	*2.0%*	*1.0%*	*5.0%*	*1.0%*
702	100	84 (100)	13 (100)	0 (100)	0 (100)	0 (100)	3 (100)	3 (100)	0 (100)	21 (100)	6 (100)	4 (100)	5 (100)	7 (100)	1 (100)
		84.0%	*13.0%*	*0%*	*0%*	*0%*	*3.0%*	*3.0%*	*0%*	*21.0%*	*6.0%*	*4.0%*	*5.0%*	*7.0%*	*1.0%*
703	100	88 (100)	23 (100)	0 (100)	0 (100)	0 (100)	3 (100)	2 (100)	2 (100)	17 (100)	4 (100)	3 (100)	1 (100)	9 (100)	0 (100)
		88.0%	*23.0%*	*0%*	*0%*	*0%*	*3.0%*	*2.0%*	*2.0%*	*17.0%*	*4.0%*	*3.0%*	*1.0%*	*9.0%*	*0%*
704	61	51 (61)	10 (61)	0 (61)	0 (61)	0 (61)	4 (61)	1 (61)	0 (61)	8 (61)	0 (61)	1 (61)	1 (61)	1 (61)	0 (61)
		83.6%	*16.4%*	*0%*	*0%*	*0%*	*6.6%*	*1.6%*	*0%*	*13.1%*	*0%*	*1.6%*	*1.6%*	*1.6%*	*0%*
Total	*361*	*299*	*61*	*0*	*0*	*0*	*12*	*7*	*3*	*62*	*13*	*10*	*8*	*22*	*2*
		82.8%	*16.9%*	*0%*	*0%*	*0%*	*3.3%*	*1.9%*	*0.8%*	*17.2%*	*3.6%*	*2.8%*	*2.2%*	*6.1%*	*0.6%*
NT															
801	100	92 (100)	31 (100)	0 (100)	2 (100)	0 (100)	6 (100)	11 (100)	0 (100)	35 (100)	10 (100)	12 (100)	11 (100)	11 (100)	5 (100)
		92.0%	*31.0%*	*0%*	*2.0%*	*0%*	*6.0%*	*11.0%*	*0%*	*35.0%*	*10.0%*	*12.0%*	*11.0%*	*11.0%*	*5.0%*
Total	*100*	*92*	*31*	*0*	*2*	*0*	*6*	*11*	*0*	*35*	*10*	*12*	*11*	*11*	*5*
		92.0%	*31.0%*	*0%*	*2.0%*	*0%*	*6.0%*	*11.0%*	*0%*	*35.0%*	*10.0%*	*12.0%*	*11.0%*	*11.0%*	*5.0%*
AUSTRALIA															
Total	*2,184*	*1,889*	*536*	*0*	*5*	*13*	*88*	*358*	*24*	*639*	*198*	*390*	*378*	*445*	*27*
		86.5%	*24.5%*	*0%*	*0.2%*	*0.6%*	*4.0%*	*16.4%*	*1.1%*	*29.3%*	*9.1%*	*17.9%*	*17.3%*	*20.4%*	*1.2%*

Staphylococcus aureus **- oxacillin sensitive: number and percentage resistant**

Lab	*Total*	*Pen* 0.125	*Ox* 2	*Van* 2	*Tei* 2	*Rif* 1	*Fus* 1	*Gen* 4	*Chl* 8	*Ery* 0.5	*Cln* 0.5	*Tet* 4	*Tmp* 8	*Cip* 1	*Mup* 1
QLD															
101	88	69 (88)	0 (88)	0 (88)	1 (88)	0 (88)	5 (88)	3 (88)	1 (88)	14 (88)	0 (88)	1 (88)	4 (88)	4 (88)	2 (88)
		78.4%	*0%*	*0%*	*1.1%*	*0%*	*5.7%*	*3.4%*	*1.1%*	*15.9%*	*0%*	*1.1%*	*4.5%*	*4.5%*	*2.3%*
102	87	75 (87)	0 (87)	0 (87)	0 (87)	0 (87)	5 (87)	0 (87)	0 (87)	6 (87)	2 (87)	2 (87)	0 (87)	0 (87)	0 (87)
		86.2%	*0%*	*0%*	*0%*	*0%*	*5.7%*	*0%*	*0%*	*6.9%*	*2.3%*	*2.3%*	*0%*	*0%*	*0%*
103	67	50 (67)	0 (67)	0 (67)	0 (67)	0 (67)	4 (67)	0 (67)	0 (67)	9 (67)	2 (67)	2 (67)	3 (67)	0 (67)	2 (67)
		74.6%	*0%*	*0%*	*0%*	*0%*	*6.0%*	*0%*	*0%*	*13.4%*	*3.0%*	*3.0%*	*4.5%*	*0%*	*3.0%*
Total	*242*	*194*	*0*	*0*	*1*	*0*	*14*	*3*	*1*	*29*	*4*	*5*	*7*	*4*	*4*
		80.2%	*0%*	*0%*	*0.4%*	*0%*	*5.8%*	*1.2%*	*0.4%*	*12.0%*	*1.7%*	*2.1%*	*2.9%*	*1.7%*	*1.7%*

Staphylococcus aureus **- oxacillin sensitive: number and percentage resistant**

Lab	*Total*	*Pen* 0.125	*Ox* 2	*Van* 2	*Tei* 2	*Rif* 1	*Fus* 1	*Gen* 4	*Chl* 8	*Ery* 0.5	*Cln* 0.5	*Tet* 4	*Tmp* 8	*Cip* 1	*Mup* 1
NSW															
201	66	54 (66)	0 (66)	0 (66)	0 (66)	0 (66)	2 (66)	1 (66)	1 (66)	7 (66)	1 (66)	4 (66)	0 (66)	2 (66)	1 (66)
		81.8%	*0%*	*0%*	*0%*	*0%*	*3.0%*	*1.5%*	*1.5%*	*10.6%*	*1.5%*	*6.1%*	*0%*	*3.0%*	*1.5%*
203	52	47 (52)	0 (52)	0 (52)	1 (52)	1 (52)	3 (52)	0 (52)	1 (52)	4 (52)	0 (52)	1 (52)	1 (52)	1 (52)	1 (52)
		90.4%	*0%*	*0%*	*1.9%*	*1.9%*	*5.8%*	*0%*	*1.9%*	*7.7%*	*0%*	*1.9%*	*1.9%*	*1.9%*	*1.9%*
204	56	49 (56)	0 (56)	0 (56)	0 (56)	0 (56)	1 (56)	1 (56)	1 (56)	4 (56)	0 (56)	2 (56)	1 (56)	1 (56)	0 (56)
		87.5%	*0%*	*0%*	*0%*	*0%*	*1.8%*	*1.8%*	*1.8%*	*7.1%*	*0%*	*3.6%*	*1.8%*	*1.8%*	*0%*
205	61	50 (61)	0 (61)	0 (61)	0 (61)	0 (61)	1 (61)	0 (61)	0 (61)	11 (61)	1 (61)	1 (61)	1 (61)	1 (61)	0 (61)
		82.0%	*0%*	*0%*	*0%*	*0%*	*1.6%*	*0%*	*0%*	*18.0%*	*1.6%*	*1.6%*	*1.6%*	*1.6%*	*0%*
207	61	46 (61)	0 (61)	0 (61)	0 (61)	0 (61)	4 (61)	4 (61)	1 (61)	10 (61)	0 (61)	5 (61)	1 (61)	1 (61)	0 (61)
		75.4%	*0%*	*0%*	*0%*	*0%*	*6.6%*	*6.6%*	*1.6%*	*16.4%*	*0%*	*8.2%*	*1.6%*	*1.6%*	*0%*
Total	*296*	*246*	*0*	*0*	*1*	*1*	*11*	*6*	*4*	*36*	*2*	*13*	*4*	*6*	*2*
		83.1%	*0%*	*0%*	*0.3%*	*0.3%*	*3.7%*	*2.0%*	*1.4%*	*12.2%*	*0.7%*	*4.4%*	*1.4%*	*2.0%*	*0.7%*
ACT															
301	84	73 (84)	0 (84)	0 (84)	0 (84)	0 (84)	1 (84)	0 (84)	1 (84)	14 (84)	1 (84)	4 (84)	1 (84)	1 (84)	0 (84)
		86.9%	*0%*	*0%*	*0%*	*0%*	*1.2%*	*0%*	*1.2%*	*16.7%*	*1.2%*	*4.8%*	*1.2%*	*1.2%*	*0%*
Total	*84*	*73*	*0*	*0*	*0*	*0*	*1*	*0*	*1*	*14*	*1*	*4*	*1*	*1*	*0*
		86.9%	*0%*	*0%*	*0%*	*0%*	*1.2%*	*0%*	*1.2%*	*16.7%*	*1.2%*	*4.8%*	*1.2%*	*1.2%*	*0%*

Staphylococcus aureus **- oxacillin sensitive: number and percentage resistant**

Lab	*Total*	*Pen* 0.125	*Ox* 2	*Van* 2	*Tei* 2	*Rif* 1	*Fus* 1	*Gen* 4	*Chl* 8	*Ery* 0.5	*Cln* 0.5	*Tet* 4	*Tmp* 8	*Cip* 1	*Mup* 1
VIC															
401	49	40 (49)	0 (49)	0 (49)	0 (49)	0 (49)	3 (49)	0 (49)	0 (49)	7 (49)	0 (49)	4 (49)	2 (49)	1 (49)	0 (49)
		81.6%	*0%*	*0%*	*0%*	*0%*	*6.1%*	*0%*	*0%*	*14.3%*	*0%*	*8.2%*	*4.1%*	*2.0%*	*0%*
402	89	73 (89)	0 (89)	0 (89)	0 (89)	0 (89)	3 (89)	0 (89)	0 (89)	10 (89)	0 (89)	7 (89)	2 (89)	0 (89)	2 (89)
		82.0%	*0%*	*0%*	*0%*	*0%*	*3.4%*	*0%*	*0%*	*11.2%*	*0%*	*7.9%*	*2.2%*	*0%*	*2.2%*
403	95	80 (95)	0 (95)	0 (95)	0 (95)	0 (95)	2 (95)	2 (95)	1 (95)	14 (95)	1 (95)	3 (95)	3 (95)	9 (95)	1 (95)
		84.2%	*0%*	*0%*	*0%*	*0%*	*2.1%*	*2.1%*	*1.1%*	*14.7%*	*1.1%*	*3.2%*	*3.2%*	*9.5%*	*1.1%*
404	70	58 (70)	0 (70)	0 (70)	0 (70)	1 (70)	3 (70)	1 (70)	1 (70)	6 (70)	0 (70)	2 (70)	0 (70)	0 (70)	2 (70)
		82.9%	*0%*	*0%*	*0%*	*1.4%*	*4.3%*	*1.4%*	*1.4%*	*8.6%*	*0%*	*2.9%*	*0%*	*0%*	*2.9%*
Total	*303*	*251*	*0*	*0*	*0*	*1*	*11*	*3*	*2*	*37*	*1*	*16*	*7*	*10*	*5*
		82.8%	*0%*	*0%*	*0%*	*0.3%*	*3.6%*	*1.0%*	*0.7%*	*12.2%*	*0.3%*	*5.3%*	*2.3%*	*3.3%*	*1.7%*
TAS															
501	94	77 (94)	0 (94)	0 (94)	0 (94)	0 (94)	6 (94)	1 (94)	1 (94)	11 (94)	0 (94)	0 (94)	1 (94)	1 (94)	1 (94)
		81.9%	*0%*	*0%*	*0%*	*0%*	*6.4%*	*1.1%*	*1.1%*	*11.7%*	*0%*	*0%*	*1.1%*	*1.1%*	*1.1%*
Total	*94*	*77*	*0*	*0*	*0*	*0*	*6*	*1*	*1*	*11*	*0*	*0*	*1*	*1*	*1*
		81.9%	*0%*	*0%*	*0%*	*0%*	*6.4%*	*1.1%*	*1.1%*	*11.7%*	*0%*	*0%*	*1.1%*	*1.1%*	*1.1%*

Staphylococcus aureus **- oxacillin sensitive: number and percentage resistant**

Lab	*Total*	*Pen* 0.125	*Ox* 2	*Van* 2	*Tei* 2	*Rif* 1	*Fus* 1	*Gen* 4	*Chl* 8	*Ery* 0.5	*Cln* 0.5	*Tet* 4	*Tmp* 8	*Cip* 1	*Mup* 1
SA															
601	83	72 (83)	0 (83)	0 (83)	0 (83)	0 (83)	0 (83)	2 (83)	0 (83)	10 (83)	1 (83)	5 (83)	4 (83)	5 (83)	0 (83)
		86.7%	*0%*	*0%*	*0%*	*0%*	*0%*	*2.4%*	*0%*	*12.0%*	*1.2%*	*6.0%*	*4.8%*	*6.0%*	*0%*
602	16	14 (16)	0 (16)	0 (16)	0 (16)	0 (16)	0 (16)	0 (16)	0 (16)	1 (16)	0 (16)	0 (16)	0 (16)	0 (16)	0 (16)
		87.5%	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*	*6.3%*	*0%*	*0%*	*0%*	*0%*	*0%*
603	67	53 (67)	0 (67)	0 (67)	0 (67)	0 (67)	0 (67)	0 (67)	4 (67)	9 (67)	1 (67)	1 (67)	1 (67)	3 (67)	0 (67)
		79.1%	*0%*	*0%*	*0%*	*0%*	*0%*	*0%*	*6.0%*	*13.4%*	*1.5%*	*1.5%*	*1.5%*	*4.5%*	*0%*
604	93	73 (93)	0 (93)	0 (93)	0 (93)	0 (93)	5 (93)	0 (93)	0 (93)	7 (93)	0 (93)	1 (93)	0 (93)	2 (93)	0 (93)
		78.5%	*0%*	*0%*	*0%*	*0%*	*5.4%*	*0%*	*0%*	*7.5%*	*0%*	*1.1%*	*0%*	*2.2%*	*0%*
Total	*259*	*212*	*0*	*0*	*0*	*0*	*5*	*2*	*4*	*27*	*2*	*7*	*5*	*10*	*0*
		81.9%	*0%*	*0%*	*0%*	*0%*	*1.9%*	*0.8%*	*1.5%*	*10.4%*	*0.8%*	*2.7%*	*1.9%*	*3.9%*	*0%*

Staphylococcus aureus **- oxacillin sensitive: number and percentage resistant**

Lab	*Total*	*Pen* 0.125	*Ox* 2	*Van* 2	*Tei* 2	*Rif* 1	*Fus* 1	*Gen* 4	*Chl* 8	*Ery* 0.5	*Cln* 0.5	*Tet* 4	*Tmp* 8	*Cip* 1	*Mup* 1
WA															
701	85	61 (85)	0 (85)	0 (85)	0 (85)	0 (85)	2 (85)	0 (85)	1 (85)	9 (85)	1 (85)	1 (85)	0 (85)	1 (85)	1 (85)
		71.8%	*0%*	*0%*	*0%*	*0%*	*2.4%*	*0%*	*1.2%*	*10.6%*	*1.2%*	*1.2%*	*0%*	*1.2%*	*1.2%*
702	87	71 (87)	0 (87)	0 (87)	0 (87)	0 (87)	3 (87)	1 (87)	0 (87)	12 (87)	2 (87)	2 (87)	3 (87)	2 (87)	1 (87)
		81.6%	*0%*	*0%*	*0%*	*0%*	*3.4%*	*1.1%*	*0%*	*13.8%*	*2.3%*	*2.3%*	*3.4%*	*2.3%*	*1.1%*
703	77	65 (77)	0 (77)	0 (77)	0 (77)	0 (77)	2 (77)	0 (77)	1 (77)	8 (77)	2 (77)	1 (77)	0 (77)	2 (77)	0 (77)
		84.4%	*0%*	*0%*	*0%*	*0%*	*2.6%*	*0%*	*1.3%*	*10.4%*	*2.6%*	*1.3%*	*0%*	*2.6%*	*0%*
704	51	41 (51)	0 (51)	0 (51)	0 (51)	0 (51)	3 (51)	0 (51)	0 (51)	4 (51)	0 (51)	0 (51)	0 (51)	0 (51)	0 (51)
		80.4%	*0%*	*0%*	*0%*	*0%*	*5.9%*	*0%*	*0%*	*7.8%*	*0%*	*0%*	*0%*	*0%*	*0%*
Total	*300*	*238*	*0*	*0*	*0*	*0*	*10*	*1*	*2*	*33*	*5*	*4*	*3*	*5*	*2*
		79.3%	*0%*	*0%*	*0%*	*0%*	*3.3%*	*0.3%*	*0.7%*	*11.0%*	*1.7%*	*1.3%*	*1.0%*	*1.7%*	*0.7%*
NT															
801	69	61 (69)	0 (69)	0 (69)	0 (69)	0 (69)	3 (69)	1 (69)	0 (69)	18 (69)	0 (69)	0 (69)	1 (69)	0 (69)	1 (69)
		88.4%	*0%*	*0%*	*0%*	*0%*	*4.3%*	*1.4%*	*0%*	*26.1%*	*0%*	*0%*	*1.4%*	*0%*	*1.4%*
Total	*69*	*61*	*0*	*0*	*0*	*0*	*3*	*1*	*0*	*18*	*0*	*0*	*1*	*0*	*1*
		88.4%	*0%*	*0%*	*0%*	*0%*	*4.3%*	*1.4%*	*0%*	*26.1%*	*0%*	*0%*	*1.4%*	*0%*	*1.4%*
AUSTRALIA															
Total	*1,647*	*1,352*	*0*	*0*	*2*	*2*	*61*	*17*	*15*	*205*	*15*	*49*	*29*	*37*	*15*
		82.1%	*0%*	*0%*	*0.1%*	*0.1%*	*3.7%*	*1.0%*	*0.9%*	*12.4%*	*0.9%*	*3.0%*	*1.8%*	*2.2%*	*0.9%*

Staphylococcus Survey 19 (November 2003)

Staphylococcus aureus **- oxacillin RESISTANT: number and percentage resistant**

Lab	*Total*	*Pen* 0.125	*Ox* 2	*Van* 2	*Tei* 2	*Rif* 1	*Fus* 1	*Gen* 4	*Chl* 8	*Ery* 0.5	*Cln* 0.5	*Tet* 4	*Tmp* 8	*Cip* 1	*Mup* 1
QLD															
101	12	12 (12)	12 (12)	0 (12)	0 (12)	0 (12)	2 (12)	9 (12)	0 (12)	10 (12)	8 (12)	11 (12)	10 (12)	8 (12)	0 (12)
		100.0%	*100.0%*	*0%*	*0%*	*0%*	*16.7%*	*75.0%*	*0%*	*83.3%*	*66.7%*	*91.7%*	*83.3%*	*66.7%*	*0%*
102	13	13 (13)	13 (13)	0 (13)	0 (13)	0 (13)	2 (13)	8 (13)	0 (13)	9 (13)	9 (13)	9 (13)	9 (13)	9 (13)	1 (13)
		100.0%	*100.0%*	*0%*	*0%*	*0%*	*15.4%*	*61.5%*	*0%*	*69.2%*	*69.2%*	*69.2%*	*69.2%*	*69.2%*	*7.7%*
103	33	33 (33)	33 (33)	0 (33)	0 (33)	4 (33)	3 (33)	24 (33)	0 (33)	32 (33)	21 (33)	24 (33)	26 (33)	29 (33)	1 (33)
		100.0%	*100.0%*	*0%*	*0%*	*12.1%*	*9.1%*	*72.7%*	*0%*	*97.0%*	*63.6%*	*72.7%*	*78.8%*	*87.9%*	*3.0%*
Total	*58*	*58*	*58*	*0*	*0*	*4*	*7*	*41*	*0*	*51*	*38*	*44*	*45*	*46*	*2*
		100%	*100%*	*0%*	*0%*	*6.9%*	*12.1%*	*70.7%*	*0%*	*87.9%*	*65.5%*	*75.9%*	*77.6%*	*79.3%*	*3.4%*

Staphylococcus aureus **- oxacillin RESISTANT: number and percentage resistant**

Lab	*Total*	*Pen* 0.125	*Ox* 2	*Van* 2	*Tei* 2	*Rif* 1	*Fus* 1	*Gen* 4	*Chl* 8	*Ery* 0.5	*Cln* 0.5	*Tet* 4	*Tmp* 8	*Cip* 1	*Mup* 1
NSW															
201	34	34 (34)	34 (34)	0 (34)	0 (34)	0 (34)	1 (34)	23 (34)	0 (34)	31 (34)	0 (34)	18 (34)	23 (34)	30 (34)	3 (34)
		100.0%	*100.0%*	*0%*	*0%*	*0%*	*2.9%*	*67.6%*	*0%*	*91.2%*	*0%*	*52.9%*	*67.6%*	*88.2%*	*8.8%*
203	47	47 (47)	47 (47)	0 (47)	1 (47)	1 (47)	0 (47)	36 (47)	0 (47)	42 (47)	37 (47)	37 (47)	35 (47)	43 (47)	1 (47)
		100.0%	*100.0%*	*0%*	*2.1%*	*2.1%*	*0%*	*76.6%*	*0%*	*89.4%*	*78.7%*	*78.7%*	*74.5%*	*91.5%*	*2.1%*
204	43	43 (43)	43 (43)	0 (43)	0 (43)	0 (43)	0 (43)	29 (43)	2 (43)	30 (43)	0 (43)	29 (43)	29 (43)	33 (43)	0 (43)
		100.0%	*100.0%*	*0%*	*0%*	*0%*	*0%*	*67.4%*	*4.7%*	*69.8%*	*0%*	*67.4%*	*67.4%*	*76.7%*	*0%*
205	39	39 (39)	39 (39)	0 (39)	0 (39)	2 (39)	1 (39)	28 (39)	1 (39)	37 (39)	28 (39)	27 (39)	28 (39)	39 (39)	0 (39)
		100.0%	*100.0%*	*0%*	*0%*	*5.1%*	*2.6%*	*71.8%*	*2.6%*	*94.9%*	*71.8%*	*69.2%*	*71.8%*	*100.0%*	*0%*
207	39	39 (39)	39 (39)	0 (39)	0 (39)	1 (39)	0 (39)	33 (39)	3 (39)	33 (39)	2 (39)	31 (39)	34 (39)	36 (39)	0 (39)
		100.0%	*100.0%*	*0%*	*0%*	*2.6%*	*0%*	*84.6%*	*7.7%*	*84.6%*	*5.1%*	*79.5%*	*87.2%*	*92.3%*	*0%*
Total	*202*	*202*	*202*	*0*	*1*	*4*	*2*	*149*	*6*	*173*	*67*	*142*	*149*	*181*	*4*
		100%	*100%*	*0%*	*0.5%*	*2.0%*	*1.0%*	*73.8%*	*3.0%*	*85.6%*	*33.2%*	*70.3%*	*73.8%*	*89.6%*	*2.0%*
ACT															
301	16	16 (16)	16 (16)	0 (16)	0 (16)	1 (16)	1 (16)	11 (16)	0 (16)	13 (16)	1 (16)	11 (16)	11 (16)	12 (16)	0 (16)
		100.0%	*100.0%*	*0%*	*0%*	*6.3%*	*6.3%*	*68.8%*	*0%*	*81.3%*	*6.3%*	*68.8%*	*68.8%*	*75.0%*	*0%*
Total	*16*	*16*	*16*	*0*	*0*	*1*	*1*	*11*	*0*	*13*	*1*	*11*	*11*	*12*	*0*
		100%	*100%*	*0%*	*0%*	*6.3%*	*6.3%*	*68.8%*	*0%*	*81.3%*	*6.3%*	*68.8%*	*68.8%*	*75.0%*	*0%*

Staphylococcus aureus **- oxacillin RESISTANT: number and percentage resistant**

Lab	*Total*	*Pen* 0.125	*Ox* 2	*Van* 2	*Tei* 2	*Rif* 1	*Fus* 1	*Gen* 4	*Chl* 8	*Ery* 0.5	*Cln* 0.5	*Tet* 4	*Tmp* 8	*Cip* 1	*Mup* 1
VIC															
401	51	51 (51)	51 (51)	0 (51)	0 (51)	2 (51)	0 (51)	48 (51)	0 (51)	50 (51)	38 (51)	48 (51)	49 (51)	51 (51)	0 (51)
		100.0%	*100.0%*	*0%*	*0%*	*3.9%*	*0%*	*94.1%*	*0%*	*98.0%*	*74.5%*	*94.1%*	*96.1%*	*100.0%*	*0%*
402	10	10 (10)	10 (10)	0 (10)	0 (10)	0 (10)	1 (10)	5 (10)	1 (10)	7 (10)	0 (10)	6 (10)	6 (10)	7 (10)	1 (10)
		100.0%	*100.0%*	*0%*	*0%*	*0%*	*10.0%*	*50.0%*	*10.0%*	*70.0%*	*0%*	*60.0%*	*60.0%*	*70.0%*	*10.0%*
403	5	5 (5)	5 (5)	0 (5)	0 (5)	0 (5)	0 (5)	1 (5)	1 (5)	3 (5)	3 (5)	1 (5)	2 (5)	3 (5)	1 (5)
		100.0%	*100.0%*	*0%*	*0%*	*0%*	*0%*	*20.0%*	*20.0%*	*60.0%*	*60.0%*	*20.0%*	*40.0%*	*60.0%*	*20.0%*
404	30	30 (30)	30 (30)	0 (30)	0 (30)	0 (30)	0 (30)	28 (30)	0 (30)	29 (30)	10 (30)	28 (30)	29 (30)	28 (30)	0 (30)
		100.0%	*100.0%*	*0%*	*0%*	*0%*	*0%*	*93.3%*	*0%*	*96.7%*	*33.3%*	*93.3%*	*96.7%*	*93.3%*	*0%*
Total	*96*	*96*	*96*	*0*	*0*	*2*	*1*	*82*	*2*	*89*	*51*	*83*	*86*	*89*	*2*
		100%	*100%*	*0%*	*0%*	*2.1%*	*1.0%*	*85.4%*	*2.1%*	*92.7%*	*53.1%*	*86.5%*	*89.6%*	*92.7%*	*2.1%*
TAS															
501	5	5 (5)	5 (5)	0 (5)	0 (5)	0 (5)	0 (5)	3 (5)	0 (5)	4 (5)	3 (5)	3 (5)	3 (5)	4 (5)	0 (5)
		100.0%	*100.0%*	*0%*	*0%*	*0%*	*0%*	*60.0%*	*0%*	*80.0%*	*60.0%*	*60.0%*	*60.0%*	*80.0%*	*0%*
Total	*5*	*5*	*5*	*0*	*0*	*0*	*0*	*3*	*0*	*4*	*3*	*3*	*3*	*4*	*0*
		100%	*100%*	*0%*	*0%*	*0%*	*0%*	*60.0%*	*0%*	*80.0%*	*60.0%*	*60.0%*	*60.0%*	*80.0%*	*0%*

Staphylococcus aureus **- oxacillin RESISTANT: number and percentage resistant**

Lab	*Total*	*Pen* 0.125	*Ox* 2	*Van* 2	*Tei* 2	*Rif* 1	*Fus* 1	*Gen* 4	*Chl* 8	*Ery* 0.5	*Cln* 0.5	*Tet* 4	*Tmp* 8	*Cip* 1	*Mup* 1
SA															
601	17	17 (17)	17 (17)	0 (17)	0 (17)	0 (17)	4 (17)	10 (17)	0 (17)	13 (17)	1 (17)	10 (17)	10 (17)	12 (17)	0 (17)
		100.0%	*100.0%*	*0%*	*0%*	*0%*	*23.5%*	*58.8%*	*0%*	*76.5%*	*5.9%*	*58.8%*	*58.8%*	*70.6%*	*0%*
602	10	10 (10)	10 (10)	0 (10)	0 (10)	0 (10)	1 (10)	6 (10)	0 (10)	9 (10)	0 (10)	6 (10)	6 (10)	8 (10)	0 (10)
		100.0%	*100.0%*	*0%*	*0%*	*0%*	*10.0%*	*60.0%*	*0%*	*90.0%*	*0%*	*60.0%*	*60.0%*	*80.0%*	*0%*
603	33	33 (33)	33 (33)	0 (33)	0 (33)	0 (33)	3 (33)	23 (33)	0 (33)	31 (33)	4 (33)	24 (33)	24 (33)	27 (33)	0 (33)
		100.0%	*100.0%*	*0%*	*0%*	*0%*	*9.1%*	*69.7%*	*0%*	*93.9%*	*12.1%*	*72.7%*	*72.7%*	*81.8%*	*0%*
604	7	7 (7)	7 (7)	0 (7)	0 (7)	0 (7)	3 (7)	0 (7)	0 (7)	5 (7)	0 (7)	0 (7)	0 (7)	0 (7)	0 (7)
		100.0%	*100.0%*	*0%*	*0%*	*0%*	*42.9%*	*0%*	*0%*	*71.4%*	*0%*	*0%*	*0%*	*0%*	*0%*
Total	*67*	*67*	*67*	*0*	*0*	*0*	*11*	*39*	*0*	*58*	*5*	*40*	*40*	*47*	*0*
		100%	*100%*	*0%*	*0%*	*0%*	*16.4%*	*58.2%*	*0%*	*86.6%*	*7.5%*	*59.7%*	*59.7%*	*70.1%*	*0%*

Staphylococcus aureus **- oxacillin RESISTANT: number and percentage resistant**

Lab	*Total*	*Pen* 0.125	*Ox* 2	*Van* 2	*Tei* 2	*Rif* 1	*Fus* 1	*Gen* 4	*Chl* 8	*Ery* 0.5	*Cln* 0.5	*Tet* 4	*Tmp* 8	*Cip* 1	*Mup* 1
WA															
701	15	15 (15)	15 (15)	0 (15)	0 (15)	0 (15)	0 (15)	1 (15)	0 (15)	7 (15)	2 (15)	1 (15)	1 (15)	4 (15)	0 (15)
		100.0%	*100.0%*	*0%*	*0%*	*0%*	*0%*	*6.7%*	*0%*	*46.7%*	*13.3%*	*6.7%*	*6.7%*	*26.7%*	*0%*
702	13	13 (13)	13 (13)	0 (13)	0 (13)	0 (13)	0 (13)	2 (13)	0 (13)	9 (13)	4 (13)	2 (13)	2 (13)	5 (13)	0 (13)
		100.0%	*100.0%*	*0%*	*0%*	*0%*	*0%*	*15.4%*	*0%*	*69.2%*	*30.8%*	*15.4%*	*15.4%*	*38.5%*	*0%*
703	23	23 (23)	23 (23)	0 (23)	0 (23)	0 (23)	1 (23)	2 (23)	1 (23)	9 (23)	2 (23)	2 (23)	1 (23)	7 (23)	0 (23)
		100.0%	*100.0%*	*0%*	*0%*	*0%*	*4.3%*	*8.7%*	*4.3%*	*39.1%*	*8.7%*	*8.7%*	*4.3%*	*30.4%*	*0%*
704	10	10 (10)	10 (10)	0 (10)	0 (10)	0 (10)	1 (10)	1 (10)	0 (10)	4 (10)	0 (10)	1 (10)	1 (10)	1 (10)	0 (10)
		100.0%	*100.0%*	*0%*	*0%*	*0%*	*10.0%*	*10.0%*	*0%*	*40.0%*	*0%*	*10.0%*	*10.0%*	*10.0%*	*0%*
Total	*61*	*61*	*61*	*0*	*0*	*0*	*2*	*6*	*1*	*29*	*8*	*6*	*5*	*17*	*0*
		100%	*100%*	*0%*	*0%*	*0%*	*3.3%*	*9.8%*	*1.6%*	*47.5%*	*13.1%*	*9.8%*	*8.2%*	*27.9%*	*0%*
NT															
801	31	31 (31)	31 (31)	0 (31)	2 (31)	0 (31)	3 (31)	10 (31)	0 (31)	17 (31)	10 (31)	12 (31)	10 (31)	11 (31)	4 (31)
		100.0%	*100.0%*	*0%*	*6.5%*	*0%*	*9.7%*	*32.3%*	*0%*	*54.8%*	*32.3%*	*38.7%*	*32.3%*	*35.5%*	*12.9%*
Total	*31*	*31*	*31*	*0*	*2*	*0*	*3*	*10*	*0*	*17*	*10*	*12*	*10*	*11*	*4*
		100%	*100%*	*0%*	*6.5%*	*0%*	*9.7%*	*32.3%*	*0%*	*54.8%*	*32.3%*	*38.7%*	*32.3%*	*35.5%*	*12.9%*
AUSTRALIA															
Total	*536*	*536*	*536*	*0*	*3*	*11*	*27*	*341*	*9*	*434*	*183*	*341*	*349*	*407*	*12*
		100%	*100%*	*0%*	*0.6%*	*2.1%*	*5.0%*	*63.6%*	*1.7%*	*81.0%*	*34.1%*	*63.6%*	*65.1%*	*75.9%*	*2.2%*

AGAR Staphylococcus Survey 19 (November 2003)

Staphylococcus aureus - oxacillin susceptible: (n = 1647)

Susceptibility to:									Rs	State								
Ery	Fus	Gen	Cip	Tet	Mup	Rif	Tmp	Chl		QLD	NSW	ACT	VIC	TAS	SA	WA	NT	AUS
R	s	R	R	R	s	s	R	s	5		1				2			3
R	s	s	R	R	s	s	R	s	4				1					1
R	s	s	s	R	R	s	R	s	4	1								1
R	s	s	s	R	s	s	s	R	3		2							2
R	s	R	s	s	s	s	R	s	3		1							1
R	s	s	s	R	s	s	R	s	3				1					1
s	s	R	R	s	R	s	s	s	3				1					1
s	s	R	s	R	s	s	R	s	3							1		1
s	s	R	s	s	R	s	s	R	3					1				1
s	R	s	s	R	s	s	s	s	2				1					1
s	R	s	R	s	s	s	s	s	2	1					1			2
R	s	s	s	s	s	s	s	R	2				1			2		3
R	s	s	s	s	s	s	R	s	2				1					1
R	R	s	s	s	s	s	s	s	2							1	1	2
R	s	s	s	R	s	s	s	s	2	2	4	1	2					9
s	R	s	s	s	s	s	s	R	2	1								1
R	s	s	R	s	s	s	s	s	2	1			1		2	2		6
R	s	R	s	s	s	s	s	s	2				1					1
R	s	s	s	s	R	s	s	s	2				2			1		3
s	s	s	s	s	s	s	R	R	2						1			1
s	s	R	R	s	s	s	s	s	2		1							1
s	s	R	s	s	R	s	s	s	2	1							1	2
s	s	R	s	s	s	s	R	s	2	2								2
s	R	s	s	s	s	s	R	s	2								1	1
s	R	s	s	s	R	s	s	s	2				1					1
s	s	s	s	s	R	s	s	R	2				1					1
s	s	R	s	s	s	s	s	s	1		3		1					4
s	s	s	s	s	s	s	s	R	1		2	1			3			6
s	s	s	s	s	s	s	R	s	1	4	2	1	4	1	2	2		16
s	s	s	s	s	s	R	s	s	1		1		1					2
s	s	s	s	s	R	s	s	s	1	2	2					1		5
s	s	s	R	s	s	s	s	s	1	2	4	1	7	1	5	3		23
R	s	s	s	s	s	s	s	s	1	25	28	13	27	11	23	27	17	171
s	R	s	s	s	s	s	s	s	1	12	11	1	9	6	4	9	1	53
s	s	s	s	R	s	s	s	s	1	2	6	3	11		5	3		30
s	s	s	s	s	s	s	s	s	0	186	228	63	229	74	211	248	48	1,287

AGAR Staphylococcus Survey 19 (November 2003)

Staphylococcus aureus - oxacillin RESISTANT: (n = 536)

Susceptibility to:									State								
Ery	Fus	Gen	Cip	Tet	Mup	Rif	Tmp	Chl	Rs	QLD	NSW	ACT	VIC	TAS	SA	WA	NT	AUS
R	R	R	R	R	s	R	R	s	7			1						1
R	R	R	R	R	R	s	R	s	7	1								1
R	s	R	R	R	s	s	R	R	6		6							6
R	R	R	R	s	s	R	R	s	6		1							1
R	s	R	R	R	R	s	R	s	6		1						2	3
R	s	R	R	R	s	R	R	s	6		2		2					4
R	s	R	R	s	s	R	R	s	5	4								4
R	s	R	R	s	R	s	R	s	5		3							3
R	s	R	R	R	s	s	R	s	5	32	126	10	76	3	37	5	8	297
R	s	R	R	R	s	R	s	s	5		1							1
s	s	R	R	R	s	s	R	s	4		2				1			3
R	s	R	R	s	s	s	R	s	4	1	3		3					7
s	R	R	s	R	s	s	R	s	4	1								1
s	R	R	s	R	R	s	s	s	4	1								1
R	s	R	R	R	s	s	s	s	4		1							1
R	s	s	R	R	s	s	R	s	4	2	2		4		1			9
R	s	R	s	R	s	s	R	s	4	1	1		1		1			4
s	R	s	R	s	R	s	s	R	4				1					1
R	s	s	s	R	s	s	R	s	3	2								2
s	s	R	R	s	s	s	R	s	3		2							2
R	s	s	s	s	R	s	s	R	3				1					1
R	R	s	s	R	s	s	s	s	3	2								2
R	R	s	R	s	s	s	s	s	3						2			2
R	R	s	s	s	s	s	s	s	2	1	1				8	1	2	13
R	s	s	s	R	s	s	s	s	2							1		1
s	R	s	R	s	s	s	s	s	2							1		1
s	R	s	s	R	s	s	s	s	2	1								1
s	s	s	R	R	s	s	s	s	2								1	1
s	s	s	R	s	s	s	R	s	2	1								1
R	s	s	R	s	s	s	s	s	2	5	24	1	1		3	6		40
R	s	s	s	s	s	s	s	s	1		1	1	1	1	6	16	5	31
s	R	s	s	s	s	s	s	s	1						1		1	2
s	s	R	s	s	s	s	s	s	1							1		1
s	s	s	R	s	s	s	s	s	1		7		2	1	3	5		18
s	s	s	s	R	s	s	s	s	1	1							1	2
s	s	s	s	s	R	s	s	s	1								2	2
s	s	s	s	s	s	s	s	R	1							1		1
s	s	s	s	s	s	s	s	s	0	2	18	3	4		4	24	9	64

AGAR Staphylococcus Survey 19 (November 2003)

Staphylococcus aureus - oxacillin RESISTANT: (n = 536)

Antibiotic Profile	Laboratory																															AUS
PenVanRifFusGenChlEryClnTetTmpCipMupQDLin	101	102	103	201	202	203	204	205	206	207	301	401	402	403	404	501	601	602	603	604	701	702	703	704	801							
Pen		2		3			9			2	3		2	1	1		2			2	6	4	8		9							64
Pen Mup Te																									2							2
Pen Cip							3	2		1		1		1		1	1	1	1		2		3									18
Pen TmpCip		1																														1
Pen Tet		1																							1							2

Staphylococcus aureus - oxacillin RESISTANT: (n = 536)

Antibiotic Profile	Laboratory																											
PenVanRifFusGenChlEryClnTetTmpCipMupQDLin	101	102	103	201	202	203	204	205	206	207	301	401	402	403	404	501	601	602	603	604	701	702	703	704	801	AUS
Pen Tet Cip																									1	1
Pen Ery							1			1	1		1			1		1	3	2	5	4	5		5	31
Pen Ery Cip	1		2	7			1	8		2	1							1	1			1	2			32
Pen Ery TetTmpCip			1							1			1													3
Pen EryCln Cip			2					1				1							1		1	2				8

Staphylococcus aureus - oxacillin RESISTANT: (n = 536)

Antibiotic Profile	Laboratory																											
PenVanRifFusGenChlEryClnTetTmpCipMupQDLin	101	102	103	201	202	203	204	205	206	207	301	401	402	403	404	501	601	602	603	604	701	702	703	704	801	AUS
Pen EryClnTet																							1			1
Pen EryClnTetTmp		1		1																						2
Pen EryClnTetTmpCip				1								1		1	1				1							6
Pen Chl																							1			1
Pen ChlEryCln MupQD														1												1

AGAR Staphylococcus Survey 19 (November 2003)

Staphylococcus aureus - oxacillin RESISTANT: (n = 536)

Antibiotic Profile	Laboratory																											
PenVanRifFusGenChlEryClnTetTmpCipMupQDLin	101	102	103	201	202	203	204	205	206	207	301	401	402	403	404	501	601	602	603	604	701	702	703	704	801	AUS
Pen Gen																							1			1
Pen Gen TmpCip										2																2
Pen Gen TetTmpCip							1			1									1							3
Pen Gen Ery TmpCip				2						1																3
Pen Gen Ery TmpCipMup				3																						3

Staphylococcus aureus - oxacillin RESISTANT: (n = 536)

Antibiotic Profile	Laboratory																											
PenVanRifFusGenChlEryClnTetTmpCipMupQDLin	101	102	103	201	202	203	204	205	206	207	301	401	402	403	404	501	601	602	603	604	701	702	703	704	801	AUS
Pen Gen Ery TetTmp	1									1					1		1									4
Pen Gen Ery TetTmpCip			6	18			26	1		23	9	12	5		18		8	6	20							153
Pen Gen EryCln TmpCip		1										1		1	1											4
Pen Gen EryClnTet Cip																										1
Pen Gen EryClnTetTmpCip	7	6	13					24		1	1	33			8	3	1		2		1	2	1		8	144

AGAR Staphylococcus Survey 19 (November 2003)

Staphylococcus aureus - oxacillin RESISTANT: (n = 536)

Antibiotic Profile	Laboratory																											
PenVanRifFusGenChlEryClnTetTmpCipMupQDLin	101	102	103	201	202	203	204	205	206	207	301	401	402	403	404	501	601	602	603	604	701	702	703	704	801	AUS
Pen Gen EryClnTetTmpCipMup																									2	3
Pen GenChlEry TetTmpCip							2			2																4
Pen GenChlEryClnTetTmpCip								1		1																2
Pen Fus																	1								1	2
Pen Fus Cip																							1			1

AGAR Staphylococcus Survey 19 (November 2003)

Staphylococcus aureus - oxacillin RESISTANT: (n = 536)

Antibiotic Profile	Laboratory																											
PenVanRifFusGenChlEryClnTetTmpCipMupQDLin	101	102	103	201	202	203	204	205	206	207	301	401	402	403	404	501	601	602	603	604	701	702	703	704	801	AUS
Pen Fus Tet	1																									1
Pen Fus Ery			1	1													1	1	3	3					2	13
Pen Fus Ery Cip																	2									2
Pen Fus Ery Tet			1																							1
Pen Fus EryClnTet		1																								1

Staphylococcus aureus - oxacillin RESISTANT: (n = 536)

Antibiotic Profile	Laboratory																															
PenVanRifFusGenChlEryClnTetTmpCipMupQDLin	101	102	103	201	202	203	204	205	206	207	301	401	402	403	404	501	601	602	603	604	701	702	703	704	801	AUS
Pen Fus Chl CipMup												1														1
Pen FusGen Tet Mup			1																							1
Pen FusGen TetTmp	1																									1
Pen FusGen EryClnTetTmpCipMup		1																								1
Pen Rif Gen Ery TetTmpCip										1																1

Staphylococcus aureus - oxacillin RESISTANT: (n = 536)

Antibiotic Profile	Laboratory																													
PenVanRifFusGenChlEryClnTetTmpCipMupQDLin	101	102	103	201	202	203	204	205	206	207	301	401	402	403	404	501	601	602	603	604	701	702	703	704	801	AUS
Pen Rif Gen EryCln TmpCip			4																							4
Pen Rif Gen EryClnTet Cip Te																										1
Pen Rif Gen EryClnTetTmpCip								1				2														3
Pen RifFusGen Ery TetTmpCip											1															1
Pen RifFusGen EryCln TmpCip								1																		1

Staphylococcus aureus - oxacillin susceptible (n = 1714)

Antibiotic Profile	Laboratory																									
	101	102	103	201	202	203	204	205	206	207	301	401	402	403	404	501	601	602	603	604	701	702	703	704	801	AUS
	11	8	15	4				9		10	7	8	8	10	9	13	9	9	11	14	18	9	10		4	209
Mup	1																									1
Cip	1																1									3
Tmp	1													1												2
Tet				1						1				1	1		1									5
Ery		1	1	3				2		1	4	1				2			2	2	2	1				22
Ery Tet										2																2

Staphylococcus aureus - oxacillin susceptible (n = 1714)

Antibiotic Profile	Laboratory																									
	101	102	103	201	202	203	204	205	206	207	301	401	402	403	404	501	601	602	603	604	701	702	703	704	801	AUS
PenVanRifFusGenChlEryClnTetTmpCipMupQDLin																										
EryCln																							1			1
Gen										1																1
Gen Mup																									1	1
Gen Tmp		1																								1
Gen TetTmp																						1				1
Fus		1	3	1												1					1	1				8
Fus Chl		1																								1

AGAR Staphylococcus Survey 19 (November 2003)

Staphylococcus aureus - oxacillin susceptible (n = 1714)

Antibiotic Profile	Laboratory																									
PenVanRifFusGenChlEryClnTetTmpCipMupQDLin	101	102	103	201	202	203	204	205	206	207	301	401	402	403	404	501	601	602	603	604	701	702	703	704	801	AUS
Pen	49	67	36	47		49	38		32	56	30	61	56	47	61	57	40	40	65	54	59	54		44	1,142
Pen Mup			1	1																	1				4
Pen Cip	1			1			1		1	1			7		1	1		2	1	1		2			21
Pen Tmp	1		2				1			1		2	1		1	2					2				14
Pen Tet	1	1		2		1				3	1	5	2	1		2		1	1	1	1	1			25
Pen Ery	13	3	6	3		3	7		4	9	4	6	10	6	9	7	1	6	5	5	7	6		17	146
Pen Ery Mup												2													2

AGAR Staphylococcus Survey 19 (November 2003)

Staphylococcus aureus - oxacillin susceptible (n = 1714)

Antibiotic Profile	Laboratory																									
PenVanRifFusGenChlEryClnTetTmpCipMupQDLin	101	102	103	201	202	203	204	205	206	207	301	401	402	403	404	501	601	602	603	604	701	702	703	704	801	AUS
Pen Ery Cip	1													1			1					1				4
Pen Ery Tmp														1												1
Pen Ery Tet								1		1			2													4
Pen Ery TetTmp												1														1
Pen Ery TetTmpCip												1														1
Pen EryCln		1						1														1				3
Pen EryCln Mup																					1					1

AGAR Staphylococcus Survey 19 (November 2003)

Staphylococcus aureus - oxacillin susceptible (n = 1714)

Antibiotic Profile	Laboratory																									
PenVanRifFusGenChlEryClnTetTmpCipMupQDLin	1001	1002	1003	2001	2002	2003	2004	2005	2006	2007	3001	4001	4002	4003	4004	5001	6001	6002	6003	6004	7001	7002	7003	7004	8001	AUS
Pen EryCln Cip																			1			1				2
Pen EryClnTet		1	1								1															3
Pen EryClnTetTmp Mup			1																							1
Pen Chl							1				1								3							6
Pen Chl Mup															1											1
Pen Chl Tmp																			1							1
Pen ChlEry																					1					1

AGAR Staphylococcus Survey 19 (November 2003)

Staphylococcus aureus - oxacillin susceptible (n = 1714)

Antibiotic Profile	Laboratory																									
PenVanRifFusGenChlEryClnTetTmpCipMupQDLin	101	102	103	201	202	203	204	205	206	207	301	401	402	403	404	501	601	602	603	604	701	702	703	704	801	AUS
Pen ChlEry Tet										1																1
Pen ChlEryCln														1									1			2
Pen ChlEryClnTet				1																						1
Pen Gen										2					1											3
Pen Gen Mup		1																								1
Pen Gen Cip				1																						1
Pen Gen CipMup														1												1

AGAR Staphylococcus Survey 19 (November 2003)

Staphylococcus aureus - oxacillin susceptible (n = 1714)

Antibiotic Profile	Laboratory																									
PenVanRifFusGenChlEryClnTetTmpCipMupQDLin	101	102	103	201	202	203	204	205	206	207	301	401	402	403	404	501	601	602	603	604	701	702	703	704	801	AUS
Pen Gen Tmp	1																									1
Pen Gen Ery														1												1
Pen Gen Ery Tmp										1																1
Pen Gen Ery TetTmpCip							1										1									2
Pen Gen EryClnTetTmpCip																	1									1
Pen GenChl Mup																1										1
Pen Fus	2	2	3	2			1	1		4	1	2	3	2	2	5				4	1	1	2		1	46

AGAR Staphylococcus Survey 19 (November 2003)

Staphylococcus aureus - oxacillin susceptible (n = 1714)

Antibiotic Profile	Laboratory																									
PenVanRifFusGenChlEryClnTetTmpCipMupQDLin	101	102	103	201	202	203	204	205	206	207	301	401	402	403	404	501	601	602	603	604	701	702	703	704	801	AUS
Pen Fus Mup															1											1
Pen Fus Cip	1																			1						2
Pen Fus Tmp																									1	1
Pen Fus Tet												1														1
Pen Fus Ery																						1			1	2
Pen Rif															1											2

Staphylococcus Survey 19 (November 2003)

Oxacillin-resistant Staphylococcus aureus

Laboratory	*Total*	*Non-multi < 3 Rs*				*Multi 3+ Rs*					
		0	*1*	*2*	*%*	*3*	*4*	*5*	*6*	*7*	*%*
ACT											
301	16	3	1	1	31.3%			10		1	68.8%
Total	*16*	*3*	*1*	*1*	*31.3%*			*10*		*1*	*68.8%*
NSW											
201	34	3		8	32.4%		2	21			67.6%
202	18	2		4	33.3%			12			66.7%
203	47	4	1	5	21.3%		2	34	1		78.7%
204	43	9	4	1	32.6%		1	26	2		67.4%
205	39		2	9	28.2%			25	3		71.8%
207	39	2	1	2	12.8%	2	4	24	4		87.2%
Total	*220*	*20*	*8*	*29*	*25.9%*	*2*	*9*	*142*	*10*		*74.1%*
NT											
801	31	9	9	3	67.7%			8	2		32.3%
Total	*31*	*9*	*9*	*3*	*67.7%*			*8*	*2*		*32.3%*
QLD											
101	12			2	16.7%	1	2	7			83.3%
102	13	2	1	1	30.8%	1	1	6		1	69.2%
103	33			5	15.2%	2	3	23			84.8%
Total	*58*	*2*	*1*	*8*	*19.0%*	*4*	*6*	*36*		*1*	*81.0%*
SA											
601	17	2	2	1	29.4%	2	1	9			70.6%
602	22	4	3	4	50.0%		1	10			50.0%
603	33		4	5	27.3%		2	22			72.7%
604	7	2	2	3	100%						0%
Total	*79*	*8*	*11*	*13*	*40.5%*	*2*	*4*	*41*			*59.5%*
TAS											
501	5		2		40.0%			3			60.0%
Total	*5*		*2*		*40.0%*			*3*			*60.0%*
VIC											
401	51		1	1	3.9%		2	45	2		96.1%
402	10	2	1		30.0%		2	5			70.0%
403	5	1	1		40.0%	1	2				60.0%
404	30	1			3.3%		3	26			96.7%
Total	*96*	*4*	*3*	*1*	*8.3%*	*1*	*9*	*76*	*2*		*91.7%*

Staphylococcus Survey 19 (November 2003)

Oxacillin-resistant Staphylococcus aureus

Laboratory	*Total*	*Non-multi < 3 Rs*				*Multi 3+ Rs*					
		0	*1*	*2*	*%*	*3*	*4*	*5*	*6*	*7*	*%*
WA											
701	15	6	7	1	93.3%			1			6.7%
702	13	4	4	3	84.6%			2			15.4%
703	23	8	10	4	95.7%			1			4.3%
704	10	6	2	1	90.0%			1			10.0%
Total	*61*	*24*	*23*	*9*	*91.8%*			*5*			*8.2%*

Penicillin susceptibile vs beta lactamase

Lab	PenS	blac +	blac -	% +
201	12	4	8	33.3%
203	5	1	4	20.0%
204	7	7		100.0%
205	11		11	
301	11		11	
207	15		15	
401	9		9	
402	16	8	8	50.0%
403	15	3	12	20.0%
404	12	2	10	16.7%
101	19	2	17	10.5%
102	12		12	
103	17		17	
601	11		11	
602	2		2	
603	14	1	13	7.1%
801	8	3	5	37.5%
604	20	4	16	20.0%
701	24	3	21	12.5%
702	16	4	12	25.0%
703	12	1	11	8.3%
704	10	6	4	60.0%
501	17	1	16	5.9%
	295	50	245	16.9%