

# Sýklalyfjanæmi 2015

Tölur ná yfir tímabilið frá 1.janúar til 31. desember.

Endurteknar ræktanir frá sama einstaklingi eru útilokaðar.

Næmisprófsstaðlar frá EUCAST voru teknir í notkun í mars 2012

## Staphylococcus aureus

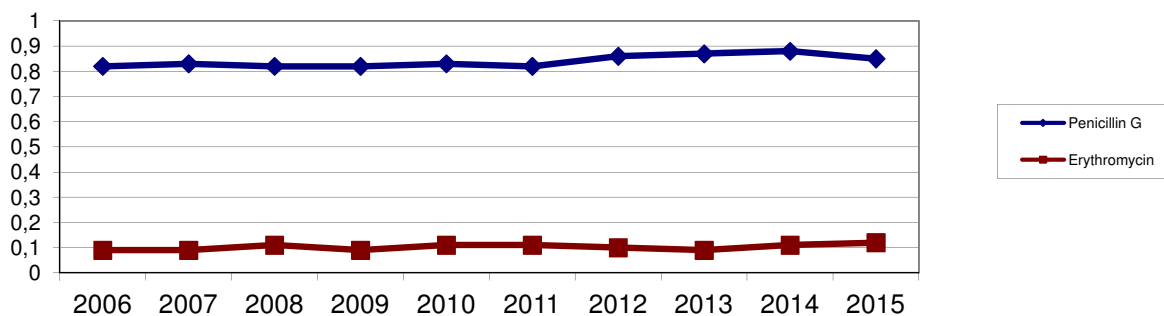
	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Allir stofnar</b>											
Penicillin G	85%	0%	15%	88%	0%	12%	-3%	0%	3%	1841	1857
Cefoxitine*	6%	0%	94%	4%	0%	96%	2%	0%	-2%	1887	1905
Erythromycin	12%	<1%	88%	11%	0%	89%	1%	<1%	-1%	1679	1699
Clindamycin	9%	<1%	90%	9%	<1%	90%	0%	<1%	0%	1679	1699

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Landspítali legudeildir</b>											
Penicillin G	85%	0%	15%	88%	0%	12%	-3%	0%	3%	966	942
Cefoxitine*	6%	0%	94%	5%	0%	95%	1%	0%	-1%	990	967
Erythromycin	12%	0%	88%	12%	0%	88%	0%	0%	0%	889	879
Clindamycin	9%	<1	90%	9%	<1%	90%	0%	<1%	0%	889	879

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Aðrir</b>											
Penicillin G	86%	0%	14%	87%	0%	13%	-1%	0%	1%	875	915
Cefoxitine*	6%	0%	94%	4%	0%	96%	2%	0%	-2%	897	938
Erythromycin	12%	<1%	88%	11%	0%	89%	1%	<1%	-1%	790	820
Clindamycin	10%	<1%	90%	8%	<1%	91%	2%	<1%	-1%	790	822

\*Lyf notað til að prófa næmi fyrir staphylókokka penisillínum.

Hlutfall ónæmra stofna (I og R) Staphylococcus aureus



## Staphylococcus kóagúlasa neikvæður

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Allir stofnar</b>											
Cefoxitine*	35%	0%	65%	32%	0%	68%	3%	0%	-3%	1097	1095
Erythromycin	44%	<1%	55%	45%	<1%	55%	-1%	<1%	0%	573	515
Clindamycin	28%	2%	70%	31%	<1%	67%	-3%	1%	3%	573	516

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Landspítali legudeildir</b>											
Cefoxitine*	46%	0%	54%	44%	0%	56%	2%	0%	-2%	502	528
Erythromycin	49%	0%	51%	52%	<1%	47%	-3%	<1%	4%	280	288
Clindamycin	33%	1%	66%	40%	1%	59%	-7%	0%	7%	280	289

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Aðrir</b>											
Cefoxitine*	25%	0%	75%	21%	0%	79%	4%	0%	-4%	592	567
Erythromycin	40%	1%	59%	35%	0%	65%	5%	1%	-6%	293	227
Clindamycin	24%	2%	74%	20%	<1%	79%	4%	1%	-5%	293	227

\*Lyf notað til að prófa næmi fyrir staphylókokka penisillínunum.

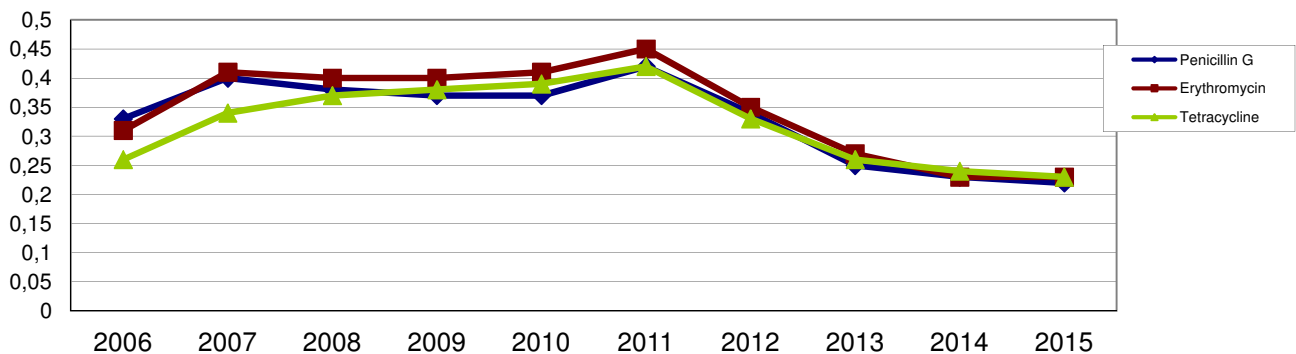
# Streptococcus pneumoniae

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Allir stofnar</b>											
Penicillin G	4%	18%	78%	6%	17%	77%	-2%	1%	1%	248	298
Ceftriaxone	0%	1%	99%	1%	4%	95%	-1%	-3%	4%	248	298
Tetracycline	22%	1%	77%	22%	2%	76%	0%	-1%	1%	249	295
Erythromycin	23%	0%	73%	23%	<1	77%	0%	<1%	-4%	249	296
Chloramphenicol	2%	0%	98%	0%	0%	100%	2%	0%	-2%	249	295
Trimethoprim/sulfamethoxazole	15%	5%	80%	21%	4%	75%	-6%	1%	5%	249	296

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Landspítali legudeildir</b>											
Penicillin G	5%	20%	75%	12%	21%	67%	-7%	-1%	8%	89	73
Ceftriaxone	0%	2%	98%	3%	7%	90%	-3%	-5%	8%	89	73
Tetracycline	29%	1%	70%	30%	1%	69%	-1%	0%	1%	91	73
Erythromycin	27%	0%	73%	30%	0%	70%	-3%	0%	3%	91	73
Chloramphenicol	3%	0%	97%	0%	0%	100%	3%	0%	-3%	91	73
Trimethoprim/sulfamethoxazole	20%	3%	77%	27%	6%	67%	-7%	-3%	10%	91	73

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Aðrir</b>											
Penicillin G	4%	17%	79%	4%	16%	80%	0%	1%	-1%	159	225
Ceftriaxone	0%	1%	99%	1%	3%	96%	-1%	-2%	3%	159	225
Tetracycline	18%	1%	81%	19%	2%	79%	-1%	-1%	2%	158	222
Erythromycin	21%	0%	79%	21%	<1	79%	0%	<1%	0%	158	223
Chloramphenicol	2%	0%	98%	0%	0%	100%	2%	0%	-2%	158	222
Trimethoprim/sulfamethoxazole	13%	5%	82%	19%	4%	77%	-6%	1%	5%	158	223

Hlutfall ónæmra stofna(I og R) Streptococcus pneumoniae



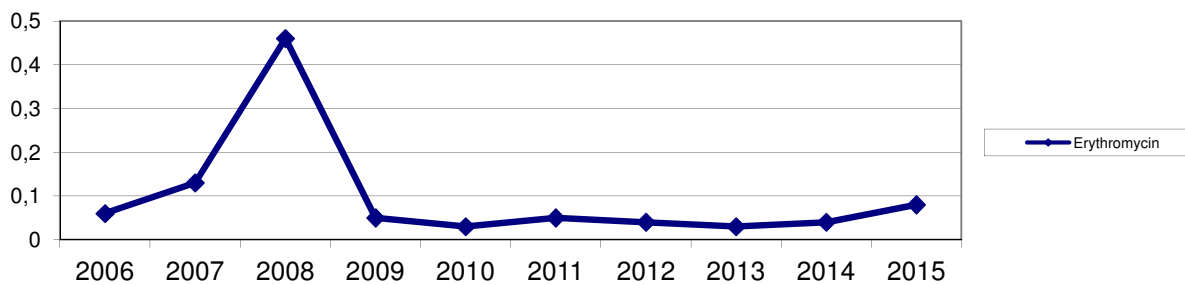
# Streptococcus pyogenes

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Allir stofnar</b>											
Penicillin G	0%	0%	100%	0%	0%	100%	0%	0%	0%	278	454
Tetracycline	11%	1%	88%	7%	<1%	93%	4%	<1%	-5%	262	420
Erythromycin	7%	1%	92%	3%	1%	96%	4%	0%	-4%	262	420
Clindamycin	7%	0%	93%	2%	0%	98%	5%	0%	-5%	262	420

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Landspítali legudeildir</b>											
Penicillin G	0%	0%	100%	0%	0%	100%	0%	0%	0%	63	104
Tetracycline	13%	2%	85%	10%	0%	90%	3%	2%	-5%	61	96
Erythromycin	8%	0%	92%	3%	2%	95%	5%	-2%	-3%	61	96
Clindamycin	8%	0%	92%	3%	0%	97%	5%	0%	-5%	61	96

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Aðrir</b>											
Penicillin G	0%	0%	100%	0%	0%	100%	0%	0%	0%	215	350
Tetracycline	10%	1%	89%	6%	<1%	94%	4%	<1%	-5%	201	324
Erythromycin	7%	1%	93%	2%	1%	97%	5%	0%	-4%	201	324
Clindamycin	6%	0%	94%	2%	0%	98%	4%	0%	-4%	201	324

Hlutfall ónæmra stofna (I og R) Streptococcus pyogenes 2006-2012



## Enterókokkar

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Allir stofnar</b>											
Ampicillin	17%	<1%	83%	11%	1%	88%	6%	<1%	-5%	1376	1146
Gentamicin*	21%	0%	79%	16%	0%	84%	5%	0%	-5%	1370	1146
Nitrofurantoin	3%	<1%	97%	2%	<1%	97%	1%	<1%	0%	1102	1056
Vancomycin	4%	0%	96%	0%	0%	100%	4%	0%	-4%	1389	1056

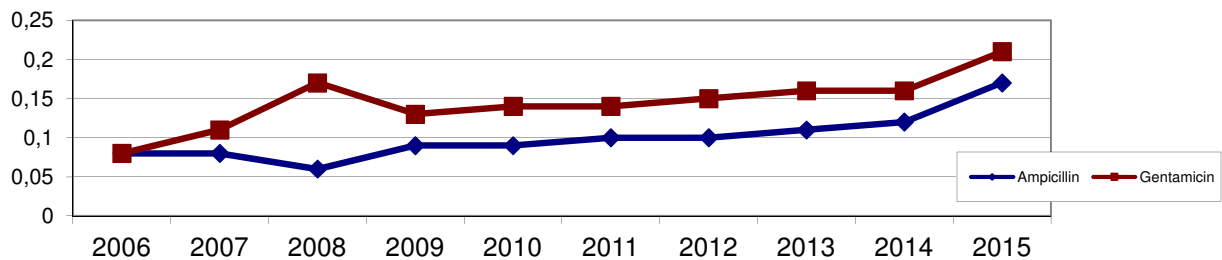
	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Landspítali legudeildir</b>											
Ampicillin	24%	1%	75%	16%	<1%	83%	8%	<1%	-8%	800	566
Gentamicin*	27%	0%	73%	19%	0%	81%	8%	0%	-8%	794	566
Nitrofurantoin	3%	1%	96%	4%	1%	95%	-1%	0%	1%	572	496
Vancomycin	7%	0%	93%	0%	0%	100%	7%	0%	-7%	812	569

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Landspítali bráðamóttökur, Læknastofur, Heilsugæslur og aðrar sjúkrastofnanir</b>											
Ampicillin	7%	<1%	93%	5%	1%	94%	2%	<1%	-1%	494	505
Gentamicin*	15%	0%	85%	14%	0%	86%	1%	0%	-1%	494	505
Nitrofurantoin	2%	1%	97%	<1%	0%	99%	1%	1%	-2%	451	486
Vancomycin	1%	0%	99%	0%	0%	100%	1%	0%	-1%	495	506

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Öldrunarstofnanir</b>											
Ampicillin	3%	1%	96%	5%	1%	94%	-2%	0%	2%	82	75
Gentamicin*	9%	0%	91%	17%	0%	83%	-8%	0%	8%	82	75
Nitrofurantoin	3%	0%	97%	1%	0%	99%	2%	0%	-2%	79	74
Vancomycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	82	75

\*Gentamicin er ekki ætlað til meðhöndlunar á enterókokkum eitt og sér. Næmi fyrir gentamicin gefur því aðeins til kynna synergy með penisillín lyfjum.

Hlutfall ónæmra stofna (I og R) Enterókokkar



# E. coli

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Allir stofnar</b>											
Ampicillin***	44%	0%	56%	43%	0%	57%	1%	0%	-1%	5311	5612
Mecillinam	6%	0%	94%	6%	0%	94%	0%	0%	0%	4896	5173
Amoxicillin/clavulanic acid***	13%	0%	87%	14%	0%	86%	-1%	0%	1%	3070	3037
Piperacillin/tazobactam	1%	2%	97%	2%	2%	96%	-1%	0%	1%	3065	3032
Cefpodoxime*	6%	0%	94%	6%	0%	94%	0%	0%	0%	5314	4331
Cefuroxime**	8%	0%	92%	9%	0%	91%	-1%	0%	1%	2933	2868
Ceftriaxone	6%	<1%	94%	7%	<1%	97%	-1%	<1%	-3%	3066	3038
Gentamicin	6%	<1%	94%	7%	0%	93%	-1%	<1%	1%	3066	3037
Trimethoprim	22%	<1%	78%	22%	0%	78%	0%	<1%	0%	4903	5192
Trimethoprim/sulfamethoxazole*****	30%	<1%	70%	23%	<1%	76%	7%	<1%	-6%	414	2291
Nitrofurantoin	3%	1%	97%	2%	<1%	97%	1%	<1%	0%	4898	5184
Ciprofloxacin	13%	<1%	87%	12%	<1%	87%	1%	<1%	0%	3092	3055
Cefalexin****	6%	0%	94%	6%	0%	94%	0%	0%	0%	4901	5168

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Landspítali legudeildir</b>											
Ampicillin***	46%	0%	54%	47%	0%	54%	-1%	0%	0%	1515	1552
Mecillinam	7%	0%	93%	6%	0%	94%	1%	0%	-1%	1258	1276
Amoxicillin/clavulanic acid***	13%	0%	87%	16%	0%	84%	-3%	0%	3%	1513	1550
Piperacillin/tazobactam	1%	2%	97%	2%	3%	95%	-1%	-1%	2%	1513	1549
Cefpodoxime*	9%	0%	91%	11%	0%	89%	-2%	0%	2%	1518	1209
Cefuroxime**	9%	0%	91%	11%	0%	89%	-2%	0%	2%	1515	1541
Ceftriaxone	6%	<1%	94%	7%	<1%	92%	-1%	<1%	2%	1513	1551
Gentamicin	6%	0%	94%	7%	<1%	93%	-1%	<1%	1%	1512	1551
Trimethoprim	21%	<1%	79%	23%	<1%	77%	-2%	<1%	2%	1260	1283
Trimethoprim/sulfamethoxazole*****	32%	0%	68%	28%	<1%	72%	4%	<1%	-4%	258	746
Nitrofurantoin	3%	1%	96%	2%	1%	97%	1%	0%	-1%	1260	1281
Ciprofloxacin	13%	0%	87%	12%	1%	87%	1%	-1%	0%	1513	1551
Cefalexin****	6%	0%	94%	9%	0%	91%	-3%	0%	3%	1259	1278

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Landspítali bráðamóttökur, Læknastofur, Heilsugæslur og aðrar sjúkrastofnanir</b>											
Ampicillin***	42%	0%	58%	41%	0%	59%	1%	0%	-1%	3458	3715
Mecillinam	6%	0%	94%	6%	0%	94%	0%	0%	0%	3303	3556
Cefpodoxime*	5%	0%	95%	4%	0%	96%	1%	0%	-1%	3458	2862
Trimethoprim	22%	<1%	78%	21%	0%	79%	1%	<1%	-1%	3307	3567
Trimethoprim/sulfamethoxazole*****	25%	1%	74%	20%	<1%	79%	5%	<1%	-5%	154	1427
Nitrofurantoin	2%	1%	97%	2%	<1%	98%	0%	<1%	-1%	3302	3561
Ciprofloxacin	13%	<1%	87%	12%	<1%	88%	1%	<1%	-1%	1545	1451
Cefalexin****	6%	0%	94%	5%	0%	95%	1%	0%	-1%	3306	3548

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Öldrunarstofnanir</b>											
Ampicillin	49%	0%	51%	56%	0%	44%	-7%	0%	7%	338	342
Mecillinam	5%	0%	95%	10%	0%	90%	-5%	0%	5%	335	341
Cefpodoxime*	3%	0%	97%	6%	0%	94%	-3%	0%	3%	338	260
Trimethoprim	24%	0%	76%	31%	0%	69%	-7%	0%	7%	336	342
Trimethoprim/sulfamethoxazole*****	50%	0%	50%	29%	1%	70%	21%	-1%	-20%	2	118
Nitrofurantoin	4%	1%	95%	5%	1%	94%	-1%	0%	1%	336	342
Cefalexin****	4%	0%	96%	11%	0%	89%	-7%	0%	7%	336	342

\*Lyf notað til skimunar fyrir breiðvirkum beta-laktamösóm (ESBL)

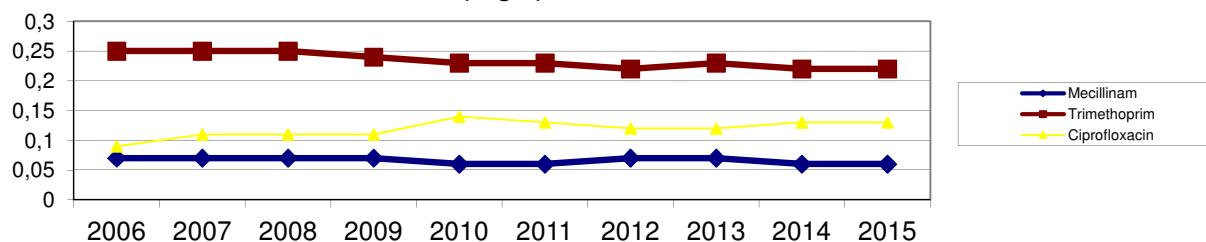
\*\*Næmi fyrir cefuroxime miðast við stungulyf

\*\*\* Samkvæmt EUCAST staðli er ekki gert ráð fyrir minnkuðu næmi (I) hjá ampicillin og amoxicillin/clavulanic acid

\*\*\*\* Á bara við um þvagsýni

\*\*\*\*\*Hætt að nota á þvagsýnum

### Hlutfall ónæmra stofna (I og R) E.coli



### E. coli aldurstengd gögn

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Aldur 0-19 ára</b>											
Ampicillin	46%	0%	54%	48%	0%	52%	-2%	0%	2%	719	802
Mecillinam	5%	0%	95%	5%	0%	95%	0%	0%	0%	664	690
Cefpodoxime*	7%	0%	93%	12%	0%	88%	-5%	0%	5%	719	803
Trimethoprim	21%	0%	79%	18%	0%	82%	3%	0%	-3%	665	690
Trimethoprim/sulfamethoxazole***	44%	0%	56%	29%	0%	71%	15%	0%	-15%	57	373
Nitrofurantoin	<1%	<1%	99%	<1%	<1%	99%	0%	0%	0%	665	690
Ciprofloxacin	2%	<1%	98%	5%	<1%	94%	-3%	0%	4%	384	459
Cefalexin**	4%	0%	96%	3%	0%	97%	1%	0%	-1%	665	687

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Aldur 20-59 ára</b>											
Ampicillin	41%	0%	59%	39%	0%	61%	2%	0%	-2%	1633	1740
Mecillinam	6%	0%	94%	5%	0%	95%	1%	0%	-1%	1494	1604
Cefpodoxime*	5%	0%	95%	4%	0%	96%	1%	0%	-1%	1634	1738
Trimethoprim	21%	0%	79%	21%	0%	79%	0%	0%	0%	1496	1610
Trimethoprim/sulfamethoxazole***	27%	<1%	72%	22%	<1%	77%	5%	0%	-5%	139	725
Nitrofurantoin	1%	<1%	98%	1%	<1%	98%	0%	0%	0%	1496	1609
Ciprofloxacin	11%	<1%	88%	10%	<1%	89%	1%	0%	-1%	878	803
Cefalexin**	5%	0%	95%	4%	0%	96%	1%	0%	-1%	1496	1600

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Aldur 60 ára og eldri</b>											
Ampicillin	44%	0%	56%	44%	0%	56%	0%	0%	0%	2954	3064
Mecillinam	7%	0%	93%	7%	0%	93%	0%	0%	0%	2734	2873
Cefpodoxime*	6%	0%	94%	6%	0%	94%	0%	0%	0%	2956	3060
Trimethoprim	22%	0%	78%	23%	<1%	76%	-1%	<1%	2%	2738	2886
Trimethoprim/sulfamethoxazole***	28%	0%	72%	22%	<1%	77%	6%	<1	-5%	217	1192
Nitrofurantoin	3%	1%	96%	3%	1%	96%	0%	0%	0%	2733	2879
Ciprofloxacin	16%	<1%	83%	16%	<1%	83%	0%	0%	0%	1825	1787
Cefalexin**	7%	0%	93%	9%	0%	91%	-2%	0%	2%	2736	2875

\*Lyf notað til skimunar fyrir breiðvirkum beta-laktamösum (ESBL)

\*\*Á aðeins við um þvagsýni

\*\*\*Hætt að nota á þvagsýnum

## Enterobacteriaceae aðrar en E.coli

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Allir stofnar</b>											
Ampicillin	85%	<1%	15%	78%	0%	22%	7%	<1%	-7%	2178	1524
Mecillinam	7%	0%	93%	6%	0%	94%	1%	0%	-1%	1019	1006
Amoxicillin/clavulanic acid	38%	0%	62%	38%	0%	62%	0%	0%	0%	1706	1429
Cefpodoxime*	19%	0%	81%	14%	<1%	85%	5%	<1%	-4%	2183	1999
Cefuroxime**	11%	0%	89%	10%	0%	90%	1%	0%	-1%	839	683
Ceftriaxone	12%	2%	86%	10%	1%	89%	2%	1%	-3%	1709	1438
Gentamicin	3%	<1%	97%	2%	<1%	97%	1%	<1%	0%	1703	1428
Trimethoprim	23%	2%	75%	21%	3%	76%	2%	-1%	-1%	1511	1524
Trimethoprim/sulfamethoxazole****	6%	1%	93%	10%	1%	88%	-4%	0%	5%	676	1020
Nitrofurantoin	40%	9%	51%	42%	8%	50%	-2%	1%	1%	1510	2015
Ciprofloxacin	4%	1%	95%	4%	<1%	95%	0%	<1%	0%	1749	1475
Cefalexin***	25%	0%	75%	23%	0%	77%	2%	0%	-2%	1510	1509

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Landspítali legudeildir</b>											
Ampicillin	85%	0%	15%	86%	0%	14%	-1%	0%	1%	1075	893
Mecillinam	7%	0%	93%	5%	0%	95%	2%	0%	-2%	374	329
Amoxicillin/clavulanic acid	42%	0%	58%	42%	0%	58%	0%	0%	0%	1071	890
Cefpodoxime*	29%	0%	71%	21%	1%	78%	8%	-1%	-7%	1080	893
Cefuroxime**	13%	0%	87%	13%	0%	87%	0%	0%	0%	547	458
Ceftriaxone	15%	2%	83%	13%	1%	86%	2%	1%	-3%	1068	891
Gentamicin	3%	<1%	97%	2%	<1%	97%	1%	<1%	0%	1069	890
Trimethoprim	21%	2%	77%	18%	3%	79%	3%	-1%	-2%	593	531
Trimethoprim/sulfamethoxazole****	6%	1%	93%	8%	1%	91%	-2%	0%	2%	484	545
Nitrofurantoin	40%	10%	50%	35%	9%	56%	5%	1%	-6%	592	533
Ciprofloxacin	3%	2%	95%	2%	<1%	97%	1%	1%	-2%	1073	894
Cefalexin***	32%	0%	68%	28%	0%	72%	4%	0%	-4%	592	528

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Landspítali bráðamóttökur, Læknastofur, Heilsugæslur og aðrar sjúkrastofnanir</b>											
Ampicillin	78%	0%	22%	76%	0%	24%	2%	0%	-2%	875	891
Mecillinam	8%	0%	92%	6%	0%	94%	2%	0%	-2%	474	510
Amoxicillin/clavulanic acid	32%	0%	68%	30%	0%	70%	2%	0%	-2%	549	472
Cefpodoxime*	11%	0%	89%	9%	<1%	91%	2%	<1%	-2%	875	876
Cefuroxime**	7%	0%	93%	4%	0%	96%	3%	0%	-3%	286	219
Ceftriaxone	7%	1%	92%	4%	<1%	95%	3%	<1%	-3%	555	481
Gentamicin	4%	<1%	96%	3%	<1%	97%	1%	<1%	-1%	549	472
Trimethoprim	20%	2%	78%	20%	3%	77%	0%	-1%	1%	696	763
Trimethoprim/sulfamethoxazole****	7%	0%	93%	12%	1%	87%	-5%	-1%	6%	185	398
Nitrofurantoin	33%	10%	57%	39%	7%	54%	-6%	3%	3%	696	762
Ciprofloxacin	3%	1%	96%	5%	1%	94%	-2%	0%	2%	590	511
Cefalexin***	20%	0%	80%	21%	0%	79%	-1%	0%	1%	696	753

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Öldrunarstofnanir</b>											
Ampicillin	69%	0%	31%	58%	0%	42%	11%	0%	-11%	228	231
Mecillinam	8%	0%	90%	7%	0%	93%	1%	0%	-3%	171	167
Cefpodoxime*	9%	0%	91%	6%	<1%	94%	3%	<1%	-3%	228	230
Trimethoprim	36%	2%	62%	31%	2%	66%	5%	0%	-4%	222	230
Trimethoprim/sulfamethoxazole****	14%	0%	86%	18%	4%	78%	-4%	-4%	8%	7	77
Nitrofurantoin	59%	6%	35%	66%	5%	28%	-7%	1%	7%	222	229
Cefalexin***	19%	0%	81%	17%	0%	83%	2%	0%	-2%	222	228

\*Lyf notað til skimunar fyrir breiðvirkum beta-laktamösimum (ESBL)

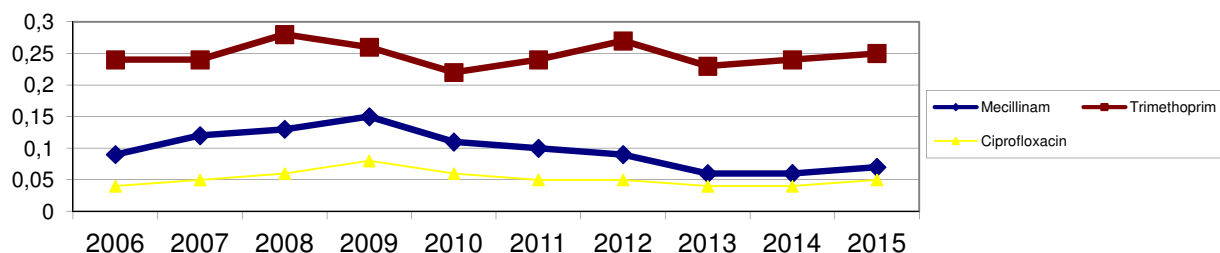
\*\* Næmi cefuroxime miðast við stungulyf

\*\*\* Á aðeins við um þvagsýni

\*\*\*\* Hætt að nota á þvagsýnum



### Hlutfall ónæmra stofna (I og R) Enterobacteriaceae aðrar en E.coli



### Enterobacteriaceae aðrar en E.coli aldurstengd gögn

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Aldur 0-19 ára</b>											
Ampicillin	77%	0%	23%	84%	0%	16%	-7%	0%	7%	171	147
Mecillinam	2%	0%	98%	4%	0%	96%	-2%	0%	2%	43	47
Amoxicillin/clavulanic acid	59%	0%	41%	62%	0%	38%	-3%	0%	3%	146	115
Cefpodoxime*	39%	0%	61%	34%	0%	66%	5%	0%	-5%	171	152
Cefuroxime**	18%	0%	82%	11%	0%	89%	7%	0%	-7%	60	38
Ceftriaxone	24%	3%	73%	21%	3%	76%	3%	0%	-3%	146	117
Gentamicin	3%	0%	97%	2%	0%	98%	1%	0%	-1%	146	115
Trimethoprim	26%	1%	73%	32%	1%	67%	-6%	0%	6%	71	72
Trimethoprim/sulfamethoxazole****	8%	0%	92%	8%	1%	91%	0%	-1%	1%	103	105
Nitrofurantoin	49%	4%	47%	47%	6%	47%	2%	-2%	0%	71	72
Ciprofloxacin	1%	0%	99%	2%	1%	97%	-1%	-1%	2%	153	123
Cefalexin***	27%	0%	73%	28%	0%	72%	-1%	0%	1%	71	72

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Aldur 20-59 ára</b>											
Ampicillin	80%	0%	20%	75%	0%	25%	5%	0%	-5%	438	396
Mecillinam	7%	0%	93%	4%	0%	96%	3%	0%	-3%	159	158
Amoxicillin/clavulanic acid	40%	0%	60%	36%	0%	64%	4%	0%	-4%	323	277
Cefpodoxime*	16%	0%	84%	12%	1%	87%	4%	-1%	-3%	440	386
Cefuroxime**	8%	0%	92%	10%	0%	90%	-2%	0%	2%	155	135
Ceftriaxone	10%	1%	89%	8%	0%	92%	2%	1%	-3%	327	281
Gentamicin	2%	<1%	98%	3%	<1%	97%	-1%	0%	1%	321	277
Trimethoprim	15%	2%	83%	14%	2%	84%	1%	0%	-1%	264	261
Trimethoprim/sulfamethoxazole****	6%	1%	93%	9%	0%	90%	-3%	1%	3%	175	222
Nitrofurantoin	30%	13%	57%	41%	7%	52%	-11%	6%	5%	264	261
Ciprofloxacin	3%	1%	96%	6%	1%	93%	-3%	0%	3%	348	302
Cefalexin***	27%	0%	73%	23%	0%	77%	4%	0%	-4%	264	259

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Aldur 60 ára og eldri</b>											
Ampicillin	81%	0%	19%	79%	0%	21%	2%	0%	-2%	1569	1469
Mecillinam	8%	0%	92%	6%	<1%	94%	2%	<1%	-2%	817	800
Amoxicillin/clavulanic acid	36%	0%	64%	36%	0%	64%	0%	0%	0%	1237	1034
Cefpodoxime*	18%	0%	82%	13%	<1%	87%	5%	<1%	-5%	1572	1458
Cefuroxime**	12%	0%	88%	11%	0%	89%	1%	0%	-1%	624	508
Ceftriaxone	11%	2%	87%	9%	1%	90%	2%	1%	-3%	1236	1037
Gentamicin	4%	<1%	96%	3%	<1%	97%	1%	0%	-1%	1236	1033
Trimethoprim	25%	2%	73%	22%	3%	75%	3%	-1%	-2%	1176	1189
Trimethoprim/sulfamethoxazole****	6%	1%	93%	11%	1%	88%	-5%	0%	5%	398	692
Nitrofurantoin	41%	9%	50%	42%	8%	50%	-1%	1%	0%	1175	1189
Ciprofloxacin	4%	2%	94%	3%	1%	96%	1%	1%	-2%	1248	1046
Cefalexin***	24%	0%	76%	22%	0%	78%	2%	0%	-2%	1175	1176

\*Lyf notað til skimunar fyrir breiðvirkum beta-laktamösóm (ESBL)

\*\*Næmi fyrir cefuroxime miðast við stungulyf

\*\*\* Á aðeins við um þvagsýni

\*\*\*\*Hætt að nota á þvagsýnum

# Pseudomonas aeruginosa

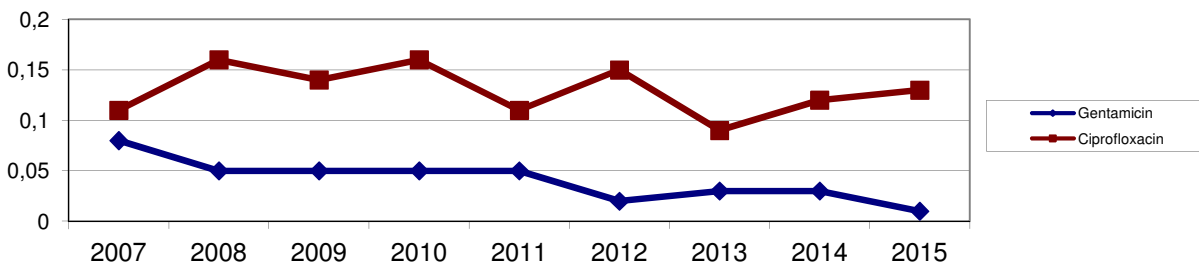
	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Allir stofnar</b>											
Piperacillin	8%	0%	92%	7%	0%	93%	1%	0%	-1%	484	499
Ceftazidime	6%	0%	94%	6%	0%	94%	0%	0%	0%	484	499
Meropenem	6%	7%	87%	4%	6%	90%	2%	1%	-3%	484	499
Gentamicin	<1%	0%	>99%	3%	0%	97%	-3%	0%	3%	484	499
Tobramycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	484	499
Ciprofloxacin	10%	3%	87%	10%	2%	88%	0%	1%	-1%	484	499

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Landspítali legudeildir</b>											
Piperacillin	9%	0%	91%	7%	0%	93%	2%	0%	-2%	254	279
Ceftazidime	7%	0%	93%	7%	0%	93%	0%	0%	0%	254	279
Meropenem	9%	10%	81%	6%	7%	87%	3%	3%	-6%	254	279
Gentamicin	1%	0%	99%	7%	0%	93%	-6%	0%	6%	254	279
Tobramycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	254	279
Ciprofloxacin	10%	4%	86%	12%	2%	86%	-2%	2%	0%	254	279

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Landspítali bráðamóttökur, Læknastofur, Heilsugæslur og aðrar sjúkrastofnanir</b>											
Piperacillin	7%	0%	93%	6%	0%	94%	1%	0%	-1%	188	189
Ceftazidime	4%	0%	96%	4%	0%	96%	0%	0%	0%	188	189
Meropenem	2%	3%	95%	1%	5%	94%	1%	-2%	1%	188	189
Gentamicin	0%	0%	100%	2%	0%	98%	-2%	0%	2%	188	189
Tobramycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	188	189
Ciprofloxacin	12%	4%	84%	6%	2%	92%	6%	2%	-8%	188	189

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Öldrunarstofnanir</b>											
Piperacillin	10%	0%	90%	13%	0%	87%	-3%	0%	3%	42	31
Ceftazidime	2%	0%	98%	10%	0%	90%	-8%	0%	8%	42	31
Meropenem	5%	9%	86%	0%	7%	93%	5%	2%	-7%	42	31
Gentamicin	2%	0%	98%	7%	0%	93%	-5%	0%	5%	42	31
Tobramycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	42	31
Ciprofloxacin	2%	0%	98%	13%	3%	84%	-11%	-3%	14%	42	31

Hlutfall ónæmra stofna (I og R) P. aeruginosa



## Haemophilus influenzae

Allir stofnar	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
Cefuroxime*	35%	0%	65%	26%	0%	74%	9%	0%	-9%	377	505
Tetracycline	1%	0%	99%	<1%	<1%	99%	0%	0%	0%	382	506
Trimethoprim/sulfamethoxazole	25%	3%	72%	21%	3%	76%	4%	0%	-4%	382	506

Landspítali legudeildir	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
Cefuroxime*	41%	0%	59%	34%	0%	66%	7%	0%	-7%	141	137
Tetracycline	1%	0%	99%	1%	1%	98%	0%	-1%	1%	141	135
Trimethoprim/sulfamethoxazole	27%	2%	71%	23%	<1%	76%	4%	2%	-5%	141	135

Aðrir	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
Cefuroxime*	31%	0%	69%	22%	0%	78%	9%	0%	-9%	236	386
Tetracycline	1%	0%	99%	0%	0%	100%	1%	0%	-1%	241	371
Trimethoprim/sulfamethoxazole	23%	4%	73%	20%	3%	76%	3%	1%	-3%	241	371

\* Næmi fyrir cefuroxime miðast við stungulyf. Ný viðmið í EUCAST staðli skýra aukid ónæmi.

22% stofnanna mynduðu beta-laktamasa og eru því ónæmir fyrir penicillin og amoxicillin. Amoxicillin/clavulanic sýra virkar í flestum tilvikum á beta-laktamasamyndandi stofna.

## Neisseria meningitidis

Allir stofnar	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
Penicillin G	0%	50%	50%	0%	33%	67%	0%	17%	-17%	6	3
Ceftriaxone	0%	0%	100%	0%	0%	100%	0%	0%	0%	6	3
Sulfonamides*	*	*	*	*	*	*	*	*	*		*
Rifampin	0%	0%	100%	0%	0%	100%	0%	0%	0%	5	2

\* Ekki gert

# Salmonella

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Allir stofnar</b>											
Ampicillin	9%	0%	91%	12%	0%	88%	-3%	0%	3%	44	41
Ceftriaxone	0%	0%	100%	0%	0%	100%	0%	0%	0%	6	8
Chloramphenicol	0%	0%	100%	0%	0%	100%	0%	0%	0%	6	8
Trimethoprim/sulfamethoxazole	0%	0%	100%	5%	0%	95%	-5%	0%	5%	44	41
Nalidixic sýra	*	*	*	*	*	*	*	*	*	*	*
Ciprofloxacin	16%	0%	84%	24%	0%	76%	-8%	0%	8%	44	41

\*Ekki gert

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Innlent smit</b>											
Ampicillin	10%	0%	90%	15%	0%	85%	-5%	0%	5%	10	13
Ceftriaxone	0%	0%	100%	0%	0%	100%	0%	0%	0%	3	3
Chloramphenicol	0%	0%	100%	0%	0%	100%	0%	0%	0%	3	3
Trimethoprim/sulfamethoxazole	0%	0%	100%	8%	0%	92%	-8%	0%	8%	10	13
Nalidixic sýra	*	*	*	*	*	*	*	*	*	*	*
Ciprofloxacin	10%	0%	90%	0%	0%	100%	10%	0%	-10%	10	13

\*Ekki gert

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Erlent smit</b>											
Ampicillin	4%	0%	96%	13%	0%	87%	-9%	0%	9%	27	24
Ceftriaxone	0%	0%	100%	0%	0%	100%	0%	0%	0%	3	3
Chloramphenicol	0%	0%	100%	0%	0%	100%	0%	0%	0%	3	3
Trimethoprim/sulfamethoxazole	0%	0%	100%	4%	0%	96%	-4%	0%	4%	27	24
Nalidixic sýra	*	*	*	*	*	*	*	*	*	*	*
Ciprofloxacin	19%	0%	81%	29%	0%	71%	-10%	0%	10%	27	24

\*Ekki gert

# Campylobacter

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Allir stofnar</b>											
Erythromycin	1%	0%	99%	4%	0%	96%	-3%	0%	3%	117	141
Ciprofloxacin	49%	0%	51%	39%	0%	61%	10%	0%	-10%	117	141

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Innlent smit</b>											
Erythromycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	47	69
Ciprofloxacin	9%	0%	91%	6%	0%	94%	3%	0%	-3%	47	69

	2015			2014			Munur milli ára			Fjöldi 2015	Fjöldi 2014
	R	I	S	R	I	S	R	I	S		
<b>Erlent smit</b>											
Erythromycin	2%	0%	98%	10%	0%	90%	-8%	0%	8%	59	61
Ciprofloxacin	88%	0%	12%	80%	0%	20%	8%	0%	-8%	59	61

