

Sýklalyfjanæmi 2016

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

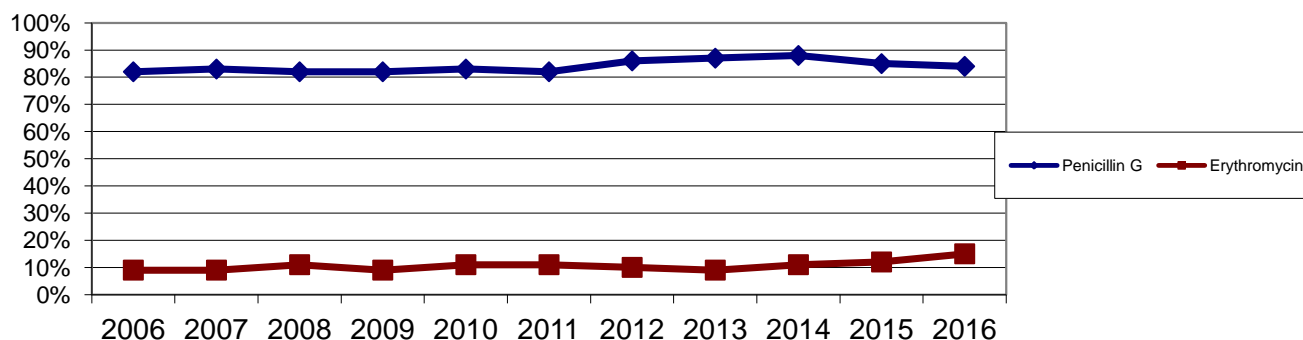
	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Penicillin G	84%	0%	16%	85%	0%	15%	-1%	0%	1%	2040	1841
Cefoxitine*	7%	0%	93%	6%	0%	94%	1%	0%	-1%	2069	1887
Erythromycin	15%	<1%	85%	12%	<1%	88%	3%	<1%	-3%	1830	1679
Clindamycin	13%	1%	86%	9%	<1%	90%	4%	<1%	-4%	1830	1679

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Landspítali legudeildir											
Penicillin G	86%	0%	14%	85%	0%	15%	1%	0%	-1%	998	966
Cefoxitine*	9%	0%	91%	6%	0%	94%	3%	0%	-3%	1011	990
Erythromycin	18%	<1%	82%	12%	0%	88%	6%	<1%	-6%	917	889
Clindamycin	16%	1%	83%	9%	<1%	90%	7%	<1%	-7%	917	889

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Aðrir											
Penicillin G	83%	0%	17%	86%	0%	14%	-3%	0%	3%	1042	875
Cefoxitine*	6%	0%	94%	6%	0%	94%	0%	0%	0%	1058	897
Erythromycin	11%	<1%	89%	12%	<1%	88%	-1%	<1%	1%	913	790
Clindamycin	9%	1%	90%	10%	<1%	90%	-1%	<1%	0%	913	790

*Lyf notað til að prófa næmi fyrir staphylókokka penisillínum (cloxacillin,dicloxacillin,flucloxacillin og cefalexin)

Hlutfall ónæmra stofna (I og R) Staphylococcus aureus



Staphylococcus kóagúlasa neikvæður

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Cefoxitine*	39%	0%	61%	35%	0%	65%	4%	0%	-4%	1205	1097
Erythromycin	41%	<1%	59%	44%	<1%	55%	-3%	<1%	4%	671	573
Clindamycin	30%	1%	69%	28%	2%	70%	2%	-1%	-1%	670	573

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Landspítali legudeildir											
Cefoxitine*	54%	<1%	46%	46%	0%	54%	8%	<1%	-8%	580	502
Erythromycin	42%	1%	57%	49%	0%	51%	-7%	1%	6%	364	280
Clindamycin	31%	1%	68%	33%	1%	66%	-2%	0%	2%	363	280

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Aðrir											
Cefoxitine*	26%	0%	74%	25%	0%	75%	1%	0%	-1%	625	592
Erythromycin	40%	0%	60%	40%	1%	59%	0%	-1%	1%	307	293
Clindamycin	28%	1%	71%	24%	2%	74%	4%	-1%	-3%	307	293

*Lyf notað til að prófa næmi fyrir staphylókokka penisillínum.

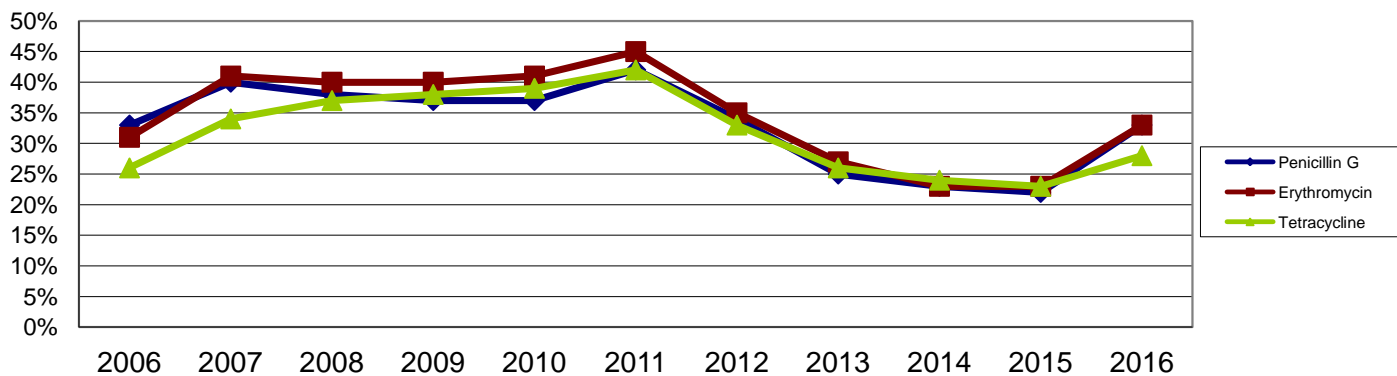
Streptococcus pneumoniae

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Penicillin G	2%	31%	67%	4%	18%	78%	-2%	13%	-11%	268	248
Ceftriaxone	0%	1%	99%	0%	1%	99%	0%	0%	0%	268	248
Tetracycline	28%	<1%	72%	22%	1%	77%	6%	<1%	-5%	270	249
Erythromycin	33%	<1%	67%	23%	0%	73%	10%	<1%	-6%	270	249
Chloramphenicol	1%	0%	99%	2%	0%	98%	-1%	0%	1%	270	249
Trimethoprim/sulfamethoxazole	19%	2%	79%	15%	5%	80%	4%	-3%	-1%	270	249

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Landspítali legudeildir											
Penicillin G	1%	36%	63%	5%	20%	75%	-4%	16%	-12%	91	89
Ceftriaxone	0%	1%	99%	0%	2%	98%	0%	-1%	1%	91	89
Tetracycline	33%	0%	67%	29%	1%	70%	4%	-1%	-3%	91	91
Erythromycin	36%	1%	63%	27%	0%	73%	9%	1%	-10%	91	91
Chloramphenicol	2%	0%	98%	3%	0%	97%	-1%	0%	1%	91	91
Trimethoprim/sulfamethoxazole	23%	2%	75%	20%	3%	77%	3%	-1%	-2%	91	91

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Aðrir											
Penicillin G	3%	28%	69%	4%	17%	79%	-1%	11%	-10%	177	159
Ceftriaxone	0%	1%	99%	0%	1%	99%	0%	0%	0%	177	159
Tetracycline	26%	<1%	74%	18%	1%	81%	8%	<1%	-7%	179	158
Erythromycin	31%	0%	69%	21%	0%	79%	10%	0%	-10%	179	158
Chloramphenicol	0%	0%	100%	2%	0%	98%	-2%	0%	2%	179	158
Trimethoprim/sulfamethoxazole	16%	2%	82%	13%	5%	82%	3%	-3%	0%	179	158

Hlutfall ónæmra stofna(I og R) Streptococcus pneumoniae



Athugið að fjölonæmum og alveg ónæmum pneumókökkum fækkar áfram í kjölfar bólusetningarinnar gegn pneumókökkum.

Hins vegar fjölga stofnum með minnkað næmi fyrir penicillin og erythromycin ónæmi. Þeir stofnar eru einkum af hjúppögðum sem eru ekki í bóluefninu.

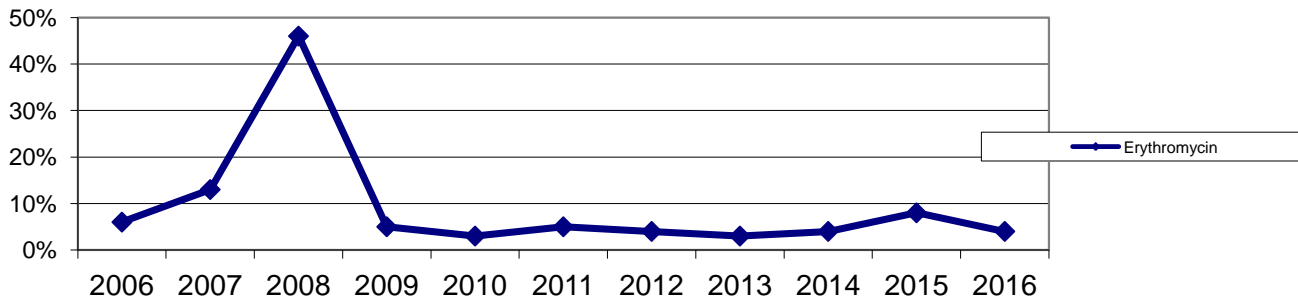
Streptococcus pyogenes

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Penicillin G	0%	0%	100%	0%	0%	100%	0%	0%	0%	419	278
Tetracycline	5%	1%	94%	11%	1%	88%	-6%	0%	6%	394	262
Erythromycin	3%	1%	96%	7%	1%	92%	-4%	0%	4%	394	262
Clindamycin	4%	0%	96%	7%	0%	93%	-3%	0%	3%	394	262

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Landspítali legudeildir											
Penicillin G	0%	0%	100%	0%	0%	100%	0%	0%	0%	76	63
Tetracycline	8%	0%	92%	13%	2%	85%	-5%	-2%	7%	73	61
Erythromycin	5%	3%	92%	8%	0%	92%	-3%	3%	0%	73	61
Clindamycin	8%	0%	92%	8%	0%	92%	0%	0%	0%	73	61

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Aðrir											
Penicillin G	0%	0%	100%	0%	0%	100%	0%	0%	0%	343	215
Tetracycline	5%	2%	95%	10%	1%	89%	-5%	1%	6%	321	201
Erythromycin	2%	1%	97%	7%	1%	93%	-5%	0%	4%	321	201
Clindamycin	3%	0%	97%	6%	0%	94%	-3%	0%	3%	321	201

Hlutfall ónæmra stofna (I og R) Streptococcus pyogenes 2006-2016



Enterókokkar

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Ampicillin	15%	0%	85%	17%	<1%	83%	-2%	<1%	2%	1371	1376
Gentamicin*	14%	0%	86%	21%	0%	79%	-7%	0%	7%	1371	1370
Nitrofurantoin	2%	1%	97%	3%	<1%	97%	-1%	<1%	0%	1151	1102
Vancomycin	2%	0%	98%	4%	0%	96%	-2%	0%	2%	1375	1389

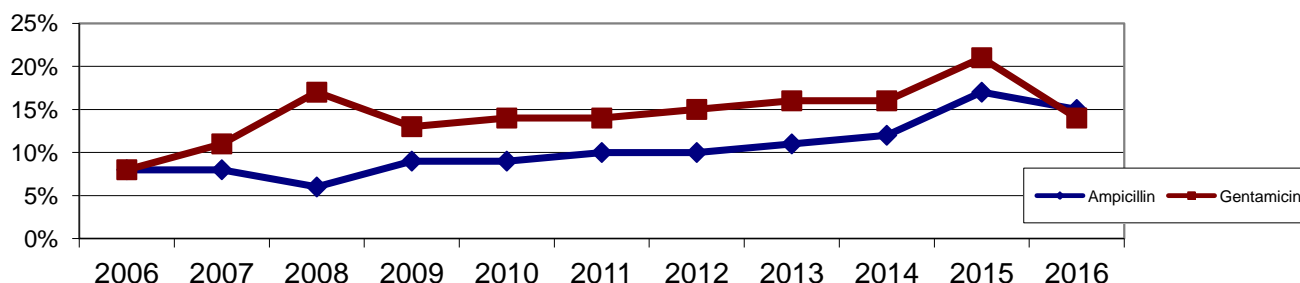
	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Landspítali legudeildir											
Ampicillin	21%	0%	79%	24%	1%	75%	-3%	-1%	4%	741	800
Gentamicin*	18%	0%	82%	27%	0%	73%	-9%	0%	9%	741	794
Nitrofurantoin	3%	1%	96%	3%	1%	96%	0%	0%	0%	571	572
Vancomycin	2%	0%	98%	7%	0%	93%	-5%	0%	5%	743	812

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Landspítali bráðamóttökur, Læknastofur, Heilsugæslur og aðrar sjúkrastofnanir											
Ampicillin	7%	1%	92%	7%	<1%	93%	0%	<1%	-1%	560	494
Gentamicin*	9%	0%	91%	15%	0%	85%	-6%	0%	6%	560	494
Nitrofurantoin	2%	<1%	98%	2%	1%	97%	1%	<1%	1%	510	451
Vancomycin	1%	0%	99%	1%	0%	99%	0%	0%	0%	562	495

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Öldrunarstofnanir											
Ampicillin	10%	0%	90%	3%	1%	96%	7%	-1%	-6%	70	82
Gentamicin*	19%	0%	81%	9%	0%	91%	10%	0%	-10%	70	82
Nitrofurantoin	4%	3%	93%	3%	0%	97%	1%	3%	-4%	70	79
Vancomycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	70	82

*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

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Ampicillin***	43%	0%	57%	44%	0%	56%	-1%	0%	1%	6418	5311
Mecillinam**	5%	0%	95%	6%	0%	94%	-1%	0%	1%	5837	4896
Amoxicillin/clavulanic acid***	14%	0%	86%	13%	0%	87%	1%	0%	-1%	3600	3070
Piperacillin/tazobactam	1%	3%	96%	1%	2%	97%	0%	1%	-1%	3590	3065
Cefpodoxime*	8%	0%	92%	6%	0%	94%	2%	0%	-2%	6420	5314
Cefuroxime****	17%	0%	83%	8%	0%	92%	9%	0%	-9%	1361	2933
Ceftriaxone	8%	1%	91%	6%	<1%	94%	2%	<1%	-3%	3592	3066
Gentamicin	6%	<1%	94%	6%	<1%	94%	0%	<1%	0%	3592	3066
Trimethoprim**	22%	<1%	78%	22%	<1%	78%	0%	<1%	0%	5838	4903
Nitrofurantoin**	2%	1%	97%	3%	1%	97%	-1%	<1%	0%	5846	4898
Ciprofloxacin	16%	<1%	84%	13%	<1%	87%	3%	<1%	-3%	3606	3092
Cefalexin****	7%	0%	93%	6%	0%	94%	1%	0%	-1%	5847	4901

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Landspítali legudeildir											
Ampicillin***	46%	0%	54%	46%	0%	54%	0%	0%	0%	1818	1515
Mecillinam**	6%	0%	94%	7%	0%	93%	-1%	0%	1%	1453	1258
Amoxicillin/clavulanic acid***	15%	0%	85%	13%	0%	87%	2%	0%	-2%	1797	1513
Piperacillin/tazobactam	1%	3%	96%	1%	2%	97%	0%	1%	-1%	1796	1513
Cefpodoxime*	12%	0%	88%	9%	0%	91%	3%	0%	-3%	1821	1518
Cefuroxime****	20%	0%	80%	9%	0%	91%	11%	0%	-11%	760	1515
Ceftriaxone	8%	<1%	92%	6%	<1%	94%	2%	<1%	-2%	1797	1513
Gentamicin	5%	0%	95%	6%	0%	94%	-1%	0%	1%	1797	1512
Trimethoprim**	24%	<1%	76%	21%	<1%	79%	3%	<1%	-3%	1450	1260
Nitrofurantoin**	2%	1%	97%	3%	1%	96%	-1%	0%	1%	1454	1260
Ciprofloxacin	16%	1%	83%	13%	0%	87%	3%	1%	-4%	1796	1513
Cefalexin**	9%	0%	91%	6%	0%	94%	3%	0%	-3%	1455	1259

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Landspítali bráðamóttökur, Læknastofur, Heilsugæslur og aðrar sjúkrastofnanir											
Ampicillin***	42%	0%	58%	42%	0%	58%	0%	0%	0%	4220	3458
Mecillinam**	5%	0%	95%	6%	0%	94%	-1%	0%	1%	4006	3303
Cefpodoxime*	6%	0%	94%	5%	0%	95%	1%	0%	-1%	4219	3458
Trimethoprim**	22%	<1%	78%	22%	<1%	78%	0%	<1%	0%	4010	3307
Nitrofurantoin**	2%	<1%	98%	2%	1%	97%	0%	<1%	1%	4014	3302
Ciprofloxacin	15%	<1%	85%	13%	<1%	87%	2%	<1%	-2%	1764	1545
Cefalexin**	6%	0%	94%	6%	0%	94%	0%	0%	0%	4014	3306

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Öldrunarstofnanir											
Ampicillin***	43%	0%	57%	49%	0%	51%	-6%	0%	6%	380	338
Mecillinam**	7%	0%	93%	5%	0%	95%	2%	0%	-2%	378	335
Cefpodoxime*	6%	0%	94%	3%	0%	97%	3%	0%	-3%	380	338
Trimethoprim**	20%	0%	80%	24%	0%	76%	-4%	0%	4%	378	336
Nitrofurantoin**	8%	1%	91%	4%	1%	95%	4%	0%	-4%	378	336
Cefalexin**	7%	0%	93%	4%	0%	96%	3%	0%	-3%	378	336

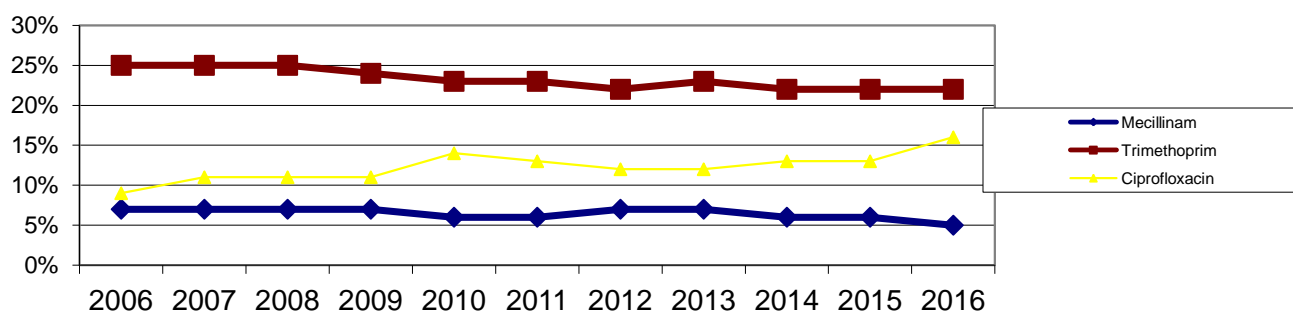
*Lyf notað til skimunar fyrir breiðvirkum beta-laktamösum (ESBL)

** Á bara við um þvagsýni

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

**** Næmi fyrir cefuroxime miðast við stungulyf

Hlutfall ónæmra stofna (I og R) E.coli



	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Aldur 0-19 ára											
Ampicillin	43%	0%	57%	46%	0%	54%	-3%	0%	3%	807	719
Mecillinam**	3%	0%	97%	5%	0%	95%	-2%	0%	2%	743	664
Cefpodoxime*	6%	0%	94%	7%	0%	93%	-1%	0%	1%	806	719
Trimethoprim**	18%	<1%	82%	21%	0%	79%	-3%	<1%	3%	745	665
Nitrofurantoin**	<1%	0,0%	99%	<1%	<1%	99%	0%	0%	0%	745	665
Ciprofloxacin	6%	0,0%	94%	2%	<1%	98%	4%	0%	-4%	434	384
Cefalexin**	4%	0%	96%	4%	0%	96%	0%	0%	0%	745	665

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Aldur 20-59 ára											
Ampicillin	43%	0%	57%	41%	0%	59%	2%	0%	-2%	1943	1633
Mecillinam**	5%	0%	95%	6%	0%	94%	-1%	0%	1%	1727	1494
Cefpodoxime*	7%	0%	93%	5%	0%	95%	2%	0%	-2%	1943	1634
Trimethoprim**	23%	<1%	77%	21%	0%	79%	2%	<1%	-2%	1730	1496
Nitrofurantoin**	1%	<1%	99%	1%	<1%	98%	0%	<1%	1%	1730	1496
Ciprofloxacin	13%	<1%	87%	11%	<1%	88%	2%	<1%	-1%	1003	878
Cefalexin**	6%	0%	94%	5%	0%	95%	1%	0%	-1%	1731	1496

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Aldur 60 ára og eldri											
Ampicillin	43%	0%	57%	44%	0%	56%	-1%	0%	1%	3665	2954
Mecillinam	6%	0%	94%	7%	0%	93%	-1%	0%	1%	3365	2734
Cefpodoxime*	8%	0%	92%	6%	0%	94%	2%	0%	-2%	3668	2956
Trimethoprim**	23%	<1%	77%	22%	0%	78%	1%	<1%	-1%	3361	2738
Nitrofurantoin**	3%	1%	96%	3%	1%	96%	0%	0%	0%	3369	2733
Ciprofloxacin	20%	<1%	80%	16%	<1%	83%	4%	<1%	-3%	2166	1825
Cefalexin**	8%	0%	92%	7%	0%	93%	1%	0%	-1%	3369	2736

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

**Á aðeins við um þvagsýni

Enterobacteriaceae aðrar en E.coli

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Ampicillin	83%	0%	17%	85%	<1%	15%	-2%	<1%	2%	2422	2178
Mecillinam**	6%	<1%	94%	7%	0%	93%	-1%	<1%	1%	1073	1019
Amoxicillin/clavulanic acid	42%	0%	58%	38%	0%	62%	4%	0%	-4%	1859	1706
Cefpodoxime*	21%	0%	79%	19%	0%	81%	2%	0%	-2%	2427	2183
Cefuroxime***	12%	0%	88%	11%	0%	89%	1%	0%	-1%	418	839
Ceftriaxone	13%	2%	85%	12%	2%	86%	1%	0%	-1%	1896	1709
Gentamicin	3%	<1%	97%	3%	<1%	97%	0%	<1%	0%	1858	1703
Trimethoprim**	18%	3%	79%	23%	2%	75%	-5%	1%	4%	1682	1511
Nitrofurantoin**	37%	8%	55%	40%	9%	51%	-3%	-1%	4%	1681	1510
Ciprofloxacin	3%	1%	96%	4%	1%	95%	-1%	0%	1%	1896	1749
Cefalexin**	28%	<1%	72%	25%	0%	75%	3%	<1%	-3%	1683	1510

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Landspítali legudeildir											
Ampicillin	86%	0%	14%	85%	0%	15%	1%	0%	-1%	1159	1075
Mecillinam**	5%	<1%	95%	7%	0%	93%	-2%	<1%	2%	369	374
Amoxicillin/clavulanic acid	46%	0%	54%	42%	0%	58%	4%	0%	-4%	1151	1071
Cefpodoxime*	29%	0%	71%	29%	0%	71%	0%	0%	0%	1167	1080
Cefuroxime***	14%	0%	86%	13%	0%	87%	1%	0%	-1%	280	547
Ceftriaxone	17%	2%	81%	15%	2%	83%	2%	0%	-2%	1153	1068
Gentamicin	3%	<1%	97%	3%	<1%	97%	0%	<1%	0%	1151	1069
Trimethoprim**	17%	3%	80%	21%	2%	77%	-4%	1%	3%	623	593
Nitrofurantoin**	38%	8%	54%	40%	10%	50%	-2%	-2%	4%	624	592
Ciprofloxacin	3%	1%	96%	3%	2%	95%	0%	-1%	1%	1151	1073
Cefalexin**	32%	0%	68%	32%	0%	68%	0%	0%	0%	624	592

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Landspítali bráðamóttökur, Læknastofur, Heilsugæslur og aðrar sjúkrastofnanir											
Ampicillin	83%	0%	17%	78%	0%	22%	5%	0%	-5%	1048	875
Mecillinam**	6%	0%	94%	8%	0%	92%	-2%	0%	2%	544	474
Amoxicillin/clavulanic acid	38%	0%	62%	32%	0%	68%	6%	0%	-6%	641	549
Cefpodoxime*	14%	0%	86%	11%	0%	89%	3%	0%	-3%	1045	875
Cefuroxime***	9%	0%	91%	7%	0%	93%	2%	0%	-2%	131	286
Ceftriaxone	7%	2%	91%	7%	1%	92%	0%	1%	-1%	677	555
Gentamicin	3%	<1%	97%	4%	<1%	96%	-1%	<1%	1%	641	549
Trimethoprim**	16%	3%	81%	20%	2%	78%	-4%	1%	3%	848	696
Nitrofurantoin**	33%	9%	58%	33%	10%	57%	0%	-1%	1%	846	696
Ciprofloxacin	2%	2%	96%	3%	1%	96%	-1%	1%	0%	676	590
Cefalexin**	27%	0%	73%	20%	0%	80%	7%	0%	-7%	848	696

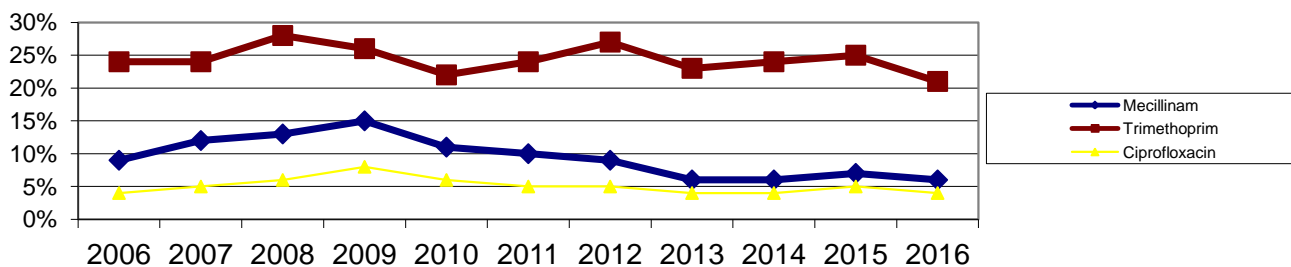
	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Öldrunarstofnanir											
Ampicillin	64%	0%	36%	69%	0%	31%	-5%	0%	5%	215	228
Mecillinam**	8%	0%	92%	8%	0%	90%	0%	0%	2%	160	171
Cefpodoxime*	8%	0%	92%	9%	0%	91%	-1%	0%	1%	215	228
Trimethoprim**	29%	3%	68%	36%	2%	62%	-7%	1%	6%	211	222
Nitrofurantoin**	54%	5%	41%	59%	6%	35%	-5%	-1%	6%	211	222
Cefalexin**	17%	1%	82%	19%	0%	81%	-2%	1%	1%	211	222

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

** Á aðeins við um þvagsýni. Mecillin næmisviðmiðin eiga aðeins við E.coli, Klebsiella sp. og Proteus mirabilis.

***Næmi fyrir cefuroxime miðast við stungulyf

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



Enterobacteriaceae aðrar en E.coli aldurstengd gögn

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Aldur 0-19 ára											
Ampicillin	86%	0%	14%	77%	0%	23%	9%	0%	-9%	184	171
Mecillinam**	5%	0%	95%	2%	0%	98%	3%	0%	-3%	44	43
Amoxicillin/clavulanic acid	67%	0%	33%	59%	0%	41%	8%	0%	-8%	150	146
Cefpodoxime*	38%	0%	62%	39%	0%	61%	-1%	0%	1%	182	171
Cefuroxime***	4%	0%	96%	18%	0%	82%	-14%	0%	14%	27	60
Ceftriaxone	23%	3%	74%	24%	3%	73%	-1%	0%	1%	155	146
Gentamicin	4%	0%	96%	3%	0%	97%	1%	0%	-1%	149	146
Trimethoprim**	15%	0%	95%	26%	1%	73%	-11%	-1%	22%	86	71
Nitrofurantoin**	31%	8%	61%	49%	4%	47%	-18%	4%	14%	85	71
Ciprofloxacin	1%	1%	98%	1%	0%	99%	0%	1%	-1%	154	153
Cefalexin**	41%	0%	59%	27%	0%	73%	14%	0%	-14%	86	71

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Aldur 20-59 ára											
Ampicillin	82%	0%	18%	80%	0%	20%	2%	0%	-2%	501	438
Mecillinam**	6%	0%	94%	7%	0%	93%	-1%	0%	1%	179	159
Amoxicillin/clavulanic acid	44%	0%	56%	40%	0%	60%	4%	0%	-4%	379	323
Cefpodoxime*	21%	0%	79%	16%	0%	84%	5%	0%	-5%	502	440
Cefuroxime***	14%	0%	86%	8%	0%	92%	6%	0%	-6%	107	155
Ceftriaxone	9%	2%	89%	10%	1%	89%	-1%	1%	0%	404	327
Gentamicin	3%	<1%	97%	2%	<1%	98%	1%	<1%	-1%	380	321
Trimethoprim**	17%	3%	80%	15%	2%	83%	2%	1%	-3%	282	264
Nitrofurantoin**	34%	9%	57%	30%	13%	57%	4%	-4%	0%	282	264
Ciprofloxacin	3%	2%	95%	3%	1%	96%	0%	1%	-1%	404	348
Cefalexin**	26%	0%	74%	27%	0%	73%	-1%	0%	1%	282	264

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Aldur 60 ára og eldri											
Ampicillin	82%	0%	18%	81%	0%	19%	1%	0%	-1%	1736	1569
Mecillinam**	6%	<1%	94%	8%	0%	92%	-2%	<1%	2%	850	817
Amoxicillin/clavulanic acid	39%	0%	61%	36%	0%	64%	3%	0%	-3%	1329	1237
Cefpodoxime*	19%	0%	81%	18%	0%	82%	1%	0%	-1%	1742	1572
Cefuroxime***	13%	0%	87%	12%	0%	88%	1%	0%	-1%	284	624
Ceftriaxone	13%	1%	86%	11%	2%	87%	2%	-1%	-1%	1336	1236
Gentamicin	3%	<1%	97%	4%	<1%	96%	-1%	<1%	1%	1328	1236
Trimethoprim**	18%	3%	79%	25%	2%	73%	-7%	1%	6%	1313	1176
Nitrofurantoin**	38%	8%	54%	41%	9%	50%	-3%	-1%	4%	1313	1175
Ciprofloxacin	3%	1%	96%	4%	2%	94%	-1%	-1%	2%	1337	1248
Cefalexin**	27%	<1%	73%	24%	0%	76%	3%	<1%	-3%	1314	1175

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

** Á aðeins við um þvagsýni. Mecillin næmisviðmið eiga aðeins við E.coli, Klebsiella sp. Og Proteus mirabilis

***Næmi fyrir cefuroxime miðast við stungulyf

Pseudomonas aeruginosa

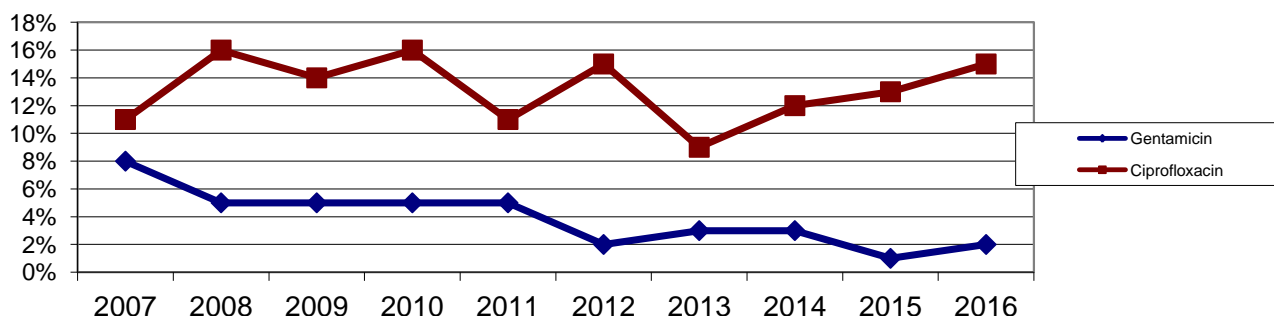
	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Piperacillin	9%	0%	91%	8%	0%	92%	1%	0%	-1%	540	484
Ceftazidime	7%	0%	93%	6%	0%	94%	1%	0%	-1%	540	484
Meropenem	4%	4%	92%	6%	7%	87%	-2%	-3%	5%	542	484
Gentamicin	2%	0%	98%	<1%	0%	>99%	-3%	0%	3%	540	484
Tobramycin	<1%	0%	100%	0%	0%	100%	<1%	0%	0%	539	484
Ciprofloxacin	10%	5%	85%	10%	3%	87%	0%	2%	-2%	540	484

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Landspítali legudeildir											
Piperacillin	11%	0%	89%	9%	0%	91%	2%	0%	-2%	290	254
Ceftazidime	9%	0%	91%	7%	0%	93%	2%	0%	-2%	290	254
Meropenem	6%	5%	89%	9%	10%	81%	-3%	-5%	8%	291	254
Gentamicin	1%	0%	99%	1%	0%	99%	0%	0%	0%	290	254
Tobramycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	290	254
Ciprofloxacin	10%	5%	85%	10%	4%	86%	0%	1%	-1%	290	254

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Landspítali bráðamóttökur, Læknastofur, Heilsugæslur og aðrar sjúkrastofnanir											
Piperacillin	5%	0%	95%	7%	0%	93%	-2%	0%	2%	217	188
Ceftazidime	4%	0%	96%	4%	0%	96%	0%	0%	0%	217	188
Meropenem	0%	2%	98%	2%	3%	95%	-2%	-1%	3%	218	188
Gentamicin	4%	0%	96%	0%	0%	100%	4%	0%	-4%	217	188
Tobramycin	1%	0%	99%	0%	0%	100%	1%	0%	-1%	216	188
Ciprofloxacin	8%	5%	87%	12%	4%	84%	-4%	1%	3%	217	188

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Öldrunarstofnanir											
Piperacillin	15%	0%	85%	10%	0%	90%	5%	0%	-5%	33	42
Ceftazidime	6%	0%	94%	2%	0%	98%	4%	0%	-4%	33	42
Meropenem	15%	3%	82%	5%	9%	86%	10%	-6%	-4%	33	42
Gentamicin	0%	0%	100%	2%	0%	98%	-2%	0%	2%	33	42
Tobramycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	33	42
Ciprofloxacin	18%	6%	76%	2%	0%	98%	16%	6%	-22%	33	42

Hlutfall ónæmra stofna (I og R) P. aeruginosa



Haemophilus influenzae

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Amoxicillin	22%	0%	78%	27%	0%	73%	-5%	0%	5%	361	286
Amoxicillin/clavulanic sýra	10%	0%	90%	2%	0%	98%	8%	0%	-8%	210	166
Tetracycline	1%	1%	98%	1%	0%	99%	0%	1%	-1%	483	382
Trimethoprim/sulfamethoxazole	28%	1%	71%	25%	3%	72%	3%	-2%	-1%	483	382

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Landspítali legudeildir											
Amoxicillin	23%	0%	77%	29%	0%	71%	-6%	0%	6%	111	101
Amoxicillin/clavulanic sýra	9%	0%	91%	4%	0%	95%	5%	0%	-4%	86	68
Tetracycline	1%	2%	97%	1%	0%	99%	0%	2%	-2%	169	141
Trimethoprim/sulfamethoxazole	24%	1%	75%	27%	2%	71%	-3%	-1%	4%	169	141

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Aðrir											
Amoxicillin	21%	0%	79%	27%	0%	73%	-6%	0%	6%	250	185
Amoxicillin/clavulanic sýra	10%	0%	90%	0%	0%	100%	10%	0%	-10%	124	96
Tetracycline	1%	1%	98%	1%	0%	99%	0%	1%	-1%	314	241
Trimethoprim/sulfamethoxazole	30%	1%	69%	23%	4%	73%	7%	-3%	-4%	314	241

17% 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	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Penicillin G	0%	100%	0%	0%	50%	50%	0%	50%	-50%	1	6
Ceftriaxone*	*	*	*	0%	0%	100%	*	*	*	1	6
Sulfonamides*				*	*	*	*	*	*		
Rifampin	0%	0%	0%	0%	0%	100%	0%	0%	-100%	1	5

* Ekki gert

Salmonella

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Ampicillin	43%	0%	57%	9%	0%	91%	34%	0%	-34%	37	44
Ceftriaxone	3%	0%	97%	0%	0%	100%	3%	0%	-3%	37	6
Chloramphenicol	3%	0%	97%	0%	0%	100%	3%	0%	-3%	37	6
Trimethoprim/sulfamethoxazole	3%	0%	97%	0%	0%	100%	3%	0%	-3%	37	44
Nalidixic sýra	*	*	*	*	*	*	*	*	*	*	*
Ciprofloxacin	8%	0%	92%	16%	0%	84%	-8%	0%	8%	37	44

*Ekki gert

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Innlent smit											
Ampicillin	52%	0%	48%	10%	0%	90%	42%	0%	-42%	21	10
Ceftriaxone	0%	0%	100%	0%	0%	100%	0%	0%	0%	21	3
Chloramphenicol	0%	0%	100%	0%	0%	100%	0%	0%	0%	21	3
Trimethoprim/sulfamethoxazole	0%	0%	100%	0%	0%	100%	0%	0%	0%	21	10
Nalidixic sýra	*	*	*	*	*	*	*	*	*	*	*
Ciprofloxacin	5%	0%	95%	10%	0%	90%	-5%	0%	5%	21	10

*Ekki gert

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Erlent smit											
Ampicillin	17%	0%	83%	4%	0%	96%	13%	0%	-13%	12	27
Ceftriaxone	8%	0%	92%	0%	0%	100%	8%	0%	-8%	12	3
Chloramphenicol	8%	0%	92%	0%	0%	100%	8%	0%	-8%	12	3
Trimethoprim/sulfamethoxazole	8%	0%	92%	0%	0%	100%	8%	0%	-8%	12	27
Nalidixic sýra				*	*	*	*	*	*	*	*
Ciprofloxacin	17%	0%	83%	19%	0%	81%	-2%	0%	2%	12	27

*Ekki gert

Campylobacter

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Erythromycin	2%	0%	98%	1%	0%	99%	1%	0%	-1%	127	117
Ciprofloxacin	44%	0%	56%	49%	0%	51%	-5%	0%	5%	127	117

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Innlent smit											
Erythromycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	53	47
Ciprofloxacin	15%	0%	85%	9%	0%	91%	6%	0%	-6%	53	47

	2016			2015			Munur milli ára			Fjöldi 2016	Fjöldi 2015
	R	I	S	R	I	S	R	I	S		
Erlent smit											
Erythromycin	3%	0%	97%	2%	0%	98%	1%	0%	-1%	58	59
Ciprofloxacin	74%	0%	26%	88%	0%	12%	-14%	0%	14%	58	59

