

Sýklalyfjanæmi 2019

Frá og með 2018 eru skimunarsýni (MÓSA,BBL,VÓE) ekki lengur höfð með í þessa úttekt. Þetta ár er því ekki alveg sambærilegt við 2017 og fyrri ár fyrir *Staphylococcus aureus*, *Escherichia coli* og *Enterobacteriaceae* aðrar en *E. coli*. Ástæðan er sú að talið var að skimunarsýni væru orðin svo mörg að þau væri farin að sýna falsa aukningu á MÓSA og ESBL myndandi *E. coli* og *Enterobacteriaceae*. Skimunarsýnin voru því fjarlægð úr gögnunum áður en ónæmishlutfallið var gert upp nú í ár eins og líka fyrir árið 2018.

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

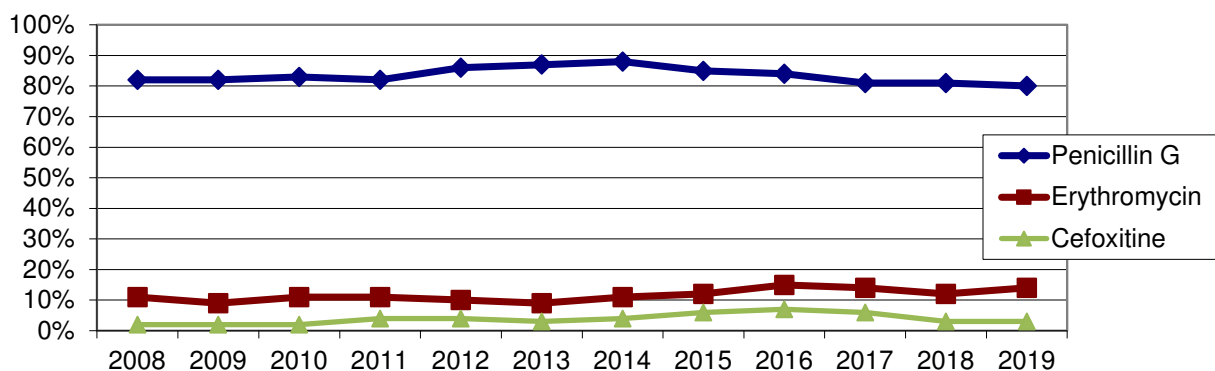
	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Penicillin G	80%	0%	20%	81%	0%	19%	-1%	0%	1%	2266	2057
Cefoxitine ¹	3%	0%	97%	3%	0%	97%	0%	0%	0%	2272	2058
Erythromycin	14%	<1%	86%	12%	0%	88%	2%	<1%	-2%	1990	1818
Clindamycin	12%	1%	87%	12%	<1%	88%	0%	<1%	-1%	1988	1818

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Landspítali legudeildir											
Penicillin G	81%	0%	19%	82%	0%	18%	-1%	0%	1%	1025	991
Cefoxitine ¹	3%	0%	97%	3%	0%	97%	0%	0%	0%	1028	992
Erythromycin	15%	<1%	85%	11%	1%	88%	4%	<1%	-3%	926	917
Clindamycin	13%	1%	86%	11%	1%	88%	2%	0%	-2%	926	917

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Aðrir											
Penicillin G	79%	0%	21%	81%	0%	19%	-2%	0%	2%	1241	1066
Cefoxitine ¹	4%	0%	96%	3%	0%	97%	1%	0%	-1%	1244	1066
Erythromycin	12%	<1%	88%	13%	<1%	87%	-1%	<1%	1%	1064	901
Clindamycin	11%	1%	88%	12%	<1%	88%	-1%	<1%	0%	1062	901

¹ Lyf notað til að prófa næmi fyrir staphylókokka penisillínunum (cloxacillin,dicloxacillin,flucloxacillin og cefalexin)

Hlutfall ónæmra stofna (I og R) *Staphylococcus aureus* 2008-2019



Staphylococcus kóagúlasa neikvæður

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Cefoxitine ¹	34%	0%	66%	30%	0%	70%	4%	0%	-4%	1343	1155
Erythromycin	49%	<1%	51%	42%	1%	57%	7%	<1%	-6%	770	635
Clindamycin	32%	1%	67%	27%	2%	71%	5%	-1%	-4%	770	637

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Landspítali legudeildir											
Cefoxitine ¹	42%	0%	58%	37%	0%	63%	5%	0%	-5%	633	471
Erythromycin	58%	<1%	42%	49%	<1%	51%	9%	<1%	-9%	418	297
Clindamycin	40%	1%	59%	31%	2%	67%	9%	-1%	-8%	417	298

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Aðrir											
Cefoxitine ¹	27%	0%	73%	25%	0%	75%	2%	0%	-2%	710	684
Erythromycin	39%	1%	60%	36%	1%	63%	3%	0%	-3%	352	338
Clindamycin	22%	1%	77%	25%	1%	74%	-3%	0%	3%	353	339

¹Lýf notað til að prófa næmi fyrir staphylókokka penisillinum.

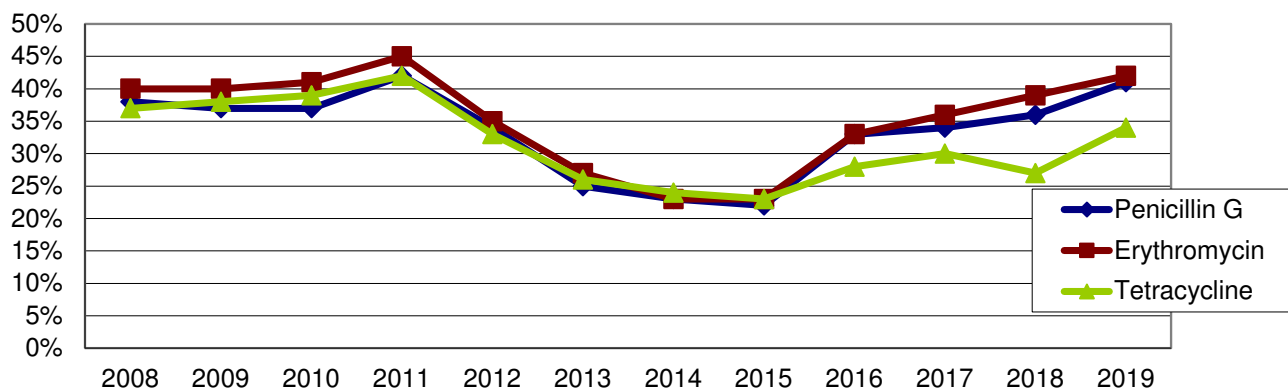
Streptococcus pneumoniae

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Penicillin G	2%	39%	59%	3%	33%	64%	-1%	6%	-5%	279	292
Ceftriaxone	0%	<1%	100%	0%	<1%	100%	0%	0%	0%	279	292
Tetracycline	30%	4%	66%	27%	1%	73%	3%	3%	-7%	277	293
Erythromycin	42%	<1%	58%	39%	0%	61%	3%	<1%	-3%	278	293
Chloramphenicol	2%	0%	98%	1%	0%	99%	1%	0%	-1%	278	291
Trimethoprim/sulfamethoxazole	20%	2%	78%	20%	2%	78%	0%	0%	0%	278	293

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Landspítali legudeildir											
Penicillin G	2%	41%	57%	2%	35%	63%	0%	6%	-6%	93	94
Ceftriaxone	0%	1%	99%	0%	0%	100%	0%	1%	-1%	93	94
Tetracycline	40%	2%	58%	19%	0%	81%	21%	2%	-23%	92	94
Erythromycin	53%	0%	47%	35%	0%	65%	18%	0%	-18%	92	94
Chloramphenicol	2%	0%	98%	1%	0%	99%	1%	0%	-1%	92	94
Trimethoprim/sulfamethoxazole	20%	1%	79%	21%	2%	77%	-1%	-1%	2%	92	94

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Aðrir											
Penicillin G	2%	38%	60%	3%	32%	65%	-1%	6%	-5%	186	198
Ceftriaxone	0%	0%	100%	0%	<1%	100%	0%	<1%	0%	186	198
Tetracycline	25%	4%	71%	30%	0%	70%	-5%	4%	1%	185	198
Erythromycin	37%	0%	63%	41%	0%	59%	-4%	0%	4%	186	199
Chloramphenicol	2%	0%	98%	1%	0%	99%	1%	0%	-1%	186	197
Trimethoprim/sulfamethoxazole	20%	2%	78%	19%	3%	78%	1%	-1%	0%	186	199

Hlutfall ónæmra stofna(I og R) Streptococcus pneumoniae 2008-2019



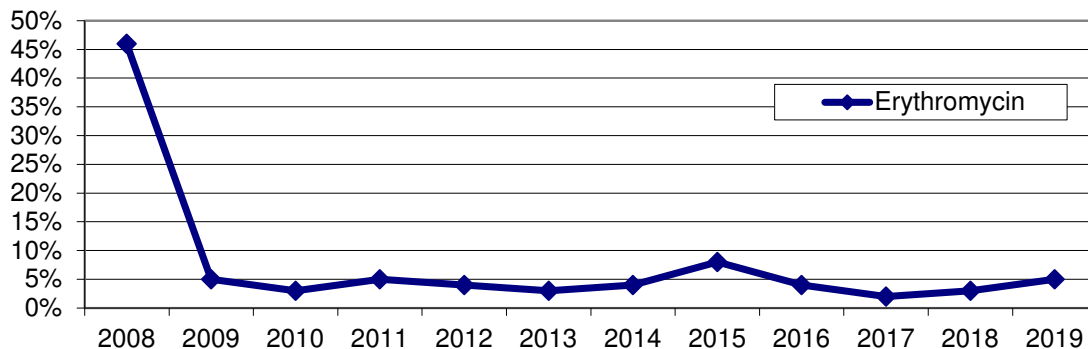
Streptococcus pyogenes

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Penicillin G	0%	0%	100%	0%	0%	100%	0%	0%	0%	353	330
Tetracycline	8%	1%	91%	6%	1%	93%	2%	0%	-2%	340	305
Erythromycin	4%	1%	95%	3%	0%	97%	1%	1%	-2%	340	305
Clindamycin	4%	0%	96%	3%	0%	97%	1%	0%	-1%	340	304

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Landspítali legudeildir											
Penicillin G	0%	0%	100%	0%	0%	100%	0%	0%	0%	82	67
Tetracycline	10%	0%	90%	10%	0%	90%	0%	0%	0%	79	63
Erythromycin	6%	0%	94%	5%	0%	95%	1%	0%	-1%	79	63
Clindamycin	6%	0%	94%	5%	0%	95%	1%	0%	-1%	79	63

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Aðrir											
Penicillin G	0%	0%	100%	0%	0%	100%	0%	0%	0%	271	263
Tetracycline	7%	1%	92%	4%	2%	94%	3%	-1%	-2%	261	242
Erythromycin	3%	1%	96%	3%	0%	97%	0%	1%	-1%	261	242
Clindamycin	3%	0%	97%	2%	0%	98%	1%	0%	-1%	261	241

Hlutfall ónæmra stofna (I og R) Streptococcus pyogenes 2008-2019



Enterococcus faecalis

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Ampicillin	1%	1%	98%	1%	0%	99%	0%	1%	-1%	1196	1100
Gentamicin ¹	14%	0%	86%	15%	0%	85%	-1%	0%	1%	1201	1099
Nitrofurantoin	0%	0%	100%	0%	0%	100%	0%	0%	0%	1074	995
Vancomycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	1201	1103

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Landspítali legudeildir											
Ampicillin	2%	1%	97%	2%	0%	98%	0%	1%	-1%	467	436
Gentamicin ¹	18%	0%	82%	21%	0%	79%	-3%	0%	3%	470	437
Nitrofurantoin	0%	0%	100%	0%	0%	100%	0%	0%	0%	377	361
Vancomycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	470	438

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Landspítali bráðamóttökur, Læknastofur, Heilsugæslur og aðrar sjúkrastofnanir											
Ampicillin	1%	<1%	99%	1%	<1%	99%	0%	<1%	0%	668	604
Gentamicin ¹	11%	0%	89%	11%	0%	89%	0%	0%	0%	670	602
Nitrofurantoin	<1%	0%	100%	0%	0%	100%	<1%	0%	0%	636	575
Vancomycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	670	605

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Öldrunarstofnanir											
Ampicillin	2%	0%	98%	0%	0%	100%	2%	0%	-2%	61	60
Gentamicin ¹	15%	0%	85%	12%	0%	88%	3%	0%	-3%	61	60
Nitrofurantoin	0%	0%	100%	0%	0%	100%	0%	0%	0%	61	59
Vancomycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	61	60

¹Gentamicin er ekki ætlað til meðhöndlunar á enterókokkum eitt og sér. Næmi fyrir gentamicin gefur því aðeins til kynna samvirkni (synergy) með penisillín lyfjum.

Enterococcus faecium

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Ampicillin	72%	2%	27%	79%	0%	21%	-7%	2%	6%	131	149
Gentamicin ¹	20%	0%	80%	39%	0%	61%	-19%	0%	19%	131	149
Vancomycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	131	150

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Landspítali legudeildir											
Ampicillin	78%	0%	22%	80%	0%	20%	-2%	0%	2%	95	113
Gentamicin ¹	20%	0%	80%	38%	0%	62%	-18%	0%	18%	95	113
Vancomycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	95	114

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Landspítali bráðamóttökur, Læknastofur, Heilsugæslur og aðrar sjúkrastofnanir											
Ampicillin	57%	3%	40%	78%	0%	22%	-21%	3%	18%	30	32
Gentamicin ¹	23%	0%	77%	38%	0%	62%	-15%	0%	15%	30	32
Vancomycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	30	32

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Óldrunarstofnanir											
Ampicillin	50%	17%	33%	50%	0%	50%	0%	17%	-17%	6	4
Gentamicin ¹	0%	0%	100%	75%	0%	25%	-75%	0%	75%	6	4
Vancomycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	6	4

¹Gentamicin er ekki ætlað til meðhöndlunar á enterókokkum eitt og sér. Næmi fyrir gentamicin gefur því aðeins til kynna synergy með penisillín lyfjum.

E. coli

Allir stofnar	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Ampicillin ³	50%	-	50%	46%	-	54%	4%	-	-4%	8079	7047
Mecillinam ²	7%	0%	93%	6%	0%	94%	1%	0%	-1%	7159	6573
Amoxicillin/clavulanic acid ³	18%	-	82%	12%	-	88%	6%	-	-6%	4678	3852
Piperacillin/tazobactam	2%	2%	96%	1%	2%	97%	1%	0%	-1%	4659	3845
Cefpodoxime ¹	11%	0%	89%	8%	0%	92%	3%	0%	-3%	8075	7045
Ceftriaxone	14%	<1%	86%	10%	<1%	90%	4%	<1%	-4%	4678	3854
Gentamicin	7%	<1%	93%	6%	<1%	94%	1%	<1%	-1%	4677	3851
Trimethoprim ²	23%	<1%	77%	23%	0%	77%	0%	<1%	0%	7160	6577
Nitrofurantoin ²	3%	0%	97%	2%	0%	98%	1%	0%	-1%	7157	6572
Ciprofloxacin	17%	2%	81%	18%	2%	80%	-1%	0%	1%	4680	3874
Cefalexin ²	9%	0%	91%	8%	0%	92%	1%	0%	-1%	7160	6579

Landspítali legudeildir	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Ampicillin ³	49%	-	51%	45%	-	55%	4%	-	-4%	1803	1788
Mecillinam	7%	0%	93%	6%	0%	94%	1%	0%	-1%	1493	1544
Amoxicillin/clavulanic acid ³	12%	-	88%	10%	-	90%	2%	-	-2%	1793	1769
Piperacillin/tazobactam	1%	1%	98%	1%	2%	97%	0%	-1%	1%	1792	1770
Cefpodoxime ¹	9%	0%	91%	9%	0%	91%	0%	0%	0%	1803	1787
Ceftriaxone	7%	<1%	93%	7%	<1%	93%	0%	<1%	0%	1794	1771
Gentamicin	6%	<1%	94%	6%	<1%	94%	0%	<1%	0%	1793	1770
Trimethoprim ²	25%	<1%	75%	24%	<1%	76%	1%	<1%	-1%	1493	1544
Nitrofurantoin ²	2%	0%	98%	3%	0%	97%	-1%	0%	1%	1493	1544
Ciprofloxacin	13%	2%	85%	15%	3%	82%	-2%	-1%	3%	1795	1772
Cefalexin ²	10%	0%	90%	9%	0%	91%	1%	0%	-1%	1492	1544

Landspítali bráðamóttökur, Læknastofur, Heilsugæslur og aðrar sjúkrastofnanir	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Ampicillin ³	47%	-	53%	45%	-	55%	2%	-	-2%	4681	4904
Mecillinam ²	7%	0%	93%	6%	0%	94%	1%	0%	-1%	4472	4682
Cefpodoxime ¹	7%	0%	93%	7%	0%	93%	0%	0%	0%	4681	4903
Trimethoprim ²	23%	0%	77%	22%	0%	78%	1%	0%	-1%	4472	4683
Nitrofurantoin ²	2%	0%	98%	2%	0%	98%	0%	0%	0%	4469	4679
Ciprofloxacin	15%	2%	83%	19%	2%	79%	-4%	0%	4%	2027	2035
Cefalexin ²	8%	0%	92%	7%	0%	93%	1%	0%	-1%	4472	4685

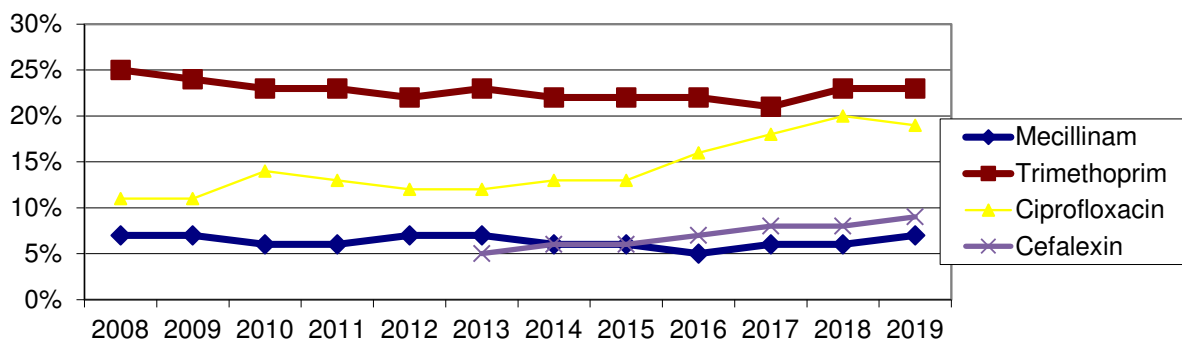
Öldrunarstofnanir	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Ampicillin ³	55%	-	45%	52%	-	48%	3%	-	-3%	433	355
Mecillinam ²	11%	0%	89%	8%	0%	92%	3%	0%	-3%	427	347
Cefpodoxime ¹	8%	0%	92%	10%	0%	90%	-2%	0%	2%	433	355
Trimethoprim ²	26%	0%	74%	25%	0%	75%	1%	0%	-1%	428	350
Nitrofurantoin ²	7%	0%	93%	5%	0%	95%	2%	0%	-2%	427	349
Cefalexin ²	11%	0%	89%	12%	0%	88%	-1%	0%	1%	428	350

¹ Lyf notað til skimunar fyrir breiðvirkum beta-laktamösum (ESBL)

² Á bara við um þvagsýni

³ Samkvæmt EUCAST staðli er ekki gert ráð fyrir minnkuðu næmi (I) hjá ampicillin og amoxicillin/clavulanic acid

Hlutfall ónæmra stofna (I og R) E.coli 2008-2019



E. coli aldurstengd gögn

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Aldur 0-19 ára											
Ampicillin	49%	-	51%	45%	-	55%	4%	-	-4%	761	819
Mecillinam ²	7%	0%	93%	6%	0%	94%	1%	0%	-1%	695	772
Cefpodoxime ¹	6%	0%	94%	3%	0%	97%	3%	0%	-3%	761	819
Trimethoprim ²	22%	0%	78%	22%	<1%	78%	0%	<1%	0%	696	771
Nitrofurantoin ²	<1%	0%	100%	<1%	0,0%	100%	<1%	<1%	0%	695	771
Ciprofloxacin	7%	2%	91%	8%	1%	91%	-1%	1%	0%	422	431
Cefalexin ²	7%	0%	93%	4%	0%	96%	3%	0%	-3%	696	771

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Aldur 20-59 ára											
Ampicillin	45%	-	55%	44%	-	56%	1%	-	-1%	2022	2125
Mecillinam ²	6%	0%	94%	5%	0%	95%	1%	0%	-1%	1833	1933
Cefpodoxime ¹	6%	0%	94%	7%	0%	93%	-1%	0%	1%	2022	2124
Trimethoprim ²	22%	<1%	78%	22%	0%	78%	0%	<1%	0%	1832	1933
Nitrofurantoin ²	1%	0%	99%	1%	0%	99%	0%	0%	0%	1831	1932
Ciprofloxacin	12%	1%	87%	15%	3%	82%	-3%	-2%	5%	985	1026
Cefalexin ²	7%	0%	93%	7%	0%	93%	0%	0%	0%	1832	1934

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Aldur 60 ára og eldri											
Ampicillin	50%	-	50%	47%	-	53%	3%	-	-3%	4132	4099
Mecillinam	8%	0%	92%	7%	0%	93%	1%	0%	-1%	3862	3864
Cefpodoxime ¹	9%	0%	91%	8%	0%	92%	1%	0%	-1%	4132	4098
Trimethoprim ²	25%	0%	75%	23%	0%	77%	2%	0%	-2%	3863	3869
Nitrofurantoin ²	3%	0%	97%	3%	0%	97%	0%	0%	0%	3861	3865
Ciprofloxacin	18%	2%	80%	20%	3%	77%	-2%	-1%	3%	2507	2413
Cefalexin ²	10%	0%	90%	9%	0%	91%	1%	0%	-1%	3862	3869

¹ Lyf notað til skimunar fyrir breiðvirkum beta-laktamösum (ESBL)

² Á aðeins við um þvagsýni

Enterobacteriaceae aðrar en E.coli

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Ampicillin	85%	0%	15%	85%	0%	15%	0%	0%	0%	2544	2263
Mecillinam ²	6%	0%	94%	7%	<1%	93%	-1%	<1%	1%	1336	1196
Amoxicillin/clavulanic acid	40%	0%	60%	40%	0%	60%	0%	0%	0%	1992	1688
Cefpodoxime ¹	16%	0%	84%	12%	0%	88%	4%	0%	-4%	2541	2252
Ceftriaxone	10%	2%	88%	7%	1%	92%	3%	1%	-4%	2032	1750
Gentamicin	3%	<1%	97%	3%	<1%	97%	0%	<1%	0%	1979	1682
Trimethoprim ²	22%	3%	75%	22%	2%	76%	0%	1%	-1%	1980	1717
Ciprofloxacin	6%	4%	90%	9%	3%	88%	-3%	1%	2%	2037	1753
Cefalexin ²	31%	0%	69%	26%	0%	74%	5%	0%	-5%	1979	1718

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Landspítali legudeildir											
Ampicillin	87%	0%	13%	89%	0%	11%	-2%	0%	2%	957	885
Mecillinam ²	5%	0%	95%	6%	<1%	94%	-1%	<1%	1%	419	376
Amoxicillin/clavulanic acid	38%	0%	62%	39%	0%	61%	-1%	0%	1%	949	873
Cefpodoxime ¹	20%	0%	80%	15%	0%	85%	5%	0%	-5%	957	881
Ceftriaxone	12%	2%	86%	8%	3%	89%	4%	-1%	-3%	955	877
Gentamicin	3%	<1%	97%	2%	0%	98%	1%	<1%	-1%	950	868
Trimethoprim ²	18%	3%	79%	24%	3%	73%	-6%	0%	6%	630	560
Ciprofloxacin	4%	2%	94%	6%	4%	90%	-2%	-2%	4%	955	877
Cefalexin ²	32%	0%	68%	30%	0%	70%	2%	0%	-2%	630	560

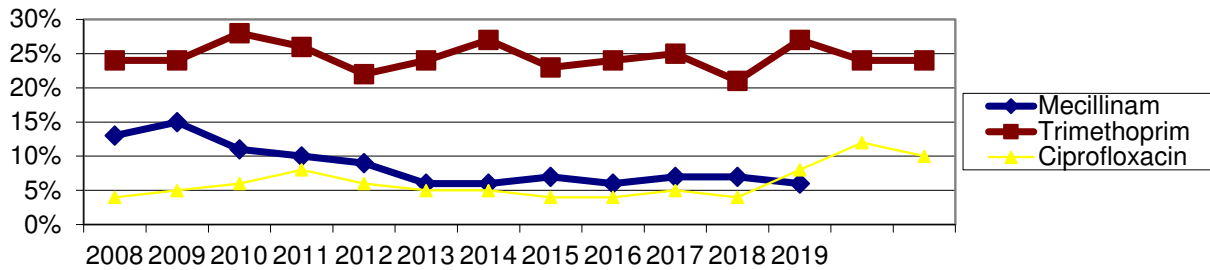
	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Landspítali bráðamóttökur, Læknastofur, Heilsugæslur og aðrar sjúkrastofnanir											
Ampicillin	87%	0%	13%	84%	0%	16%	3%	0%	-3%	1373	1225
Mecillinam ²	6%	0%	94%	7%	0%	93%	-1%	0%	1%	760	706
Amoxicillin/clavulanic acid	42%	0%	58%	41%	0%	59%	1%	0%	-1%	941	761
Cefpodoxime ¹	14%	0%	86%	10%	0%	90%	4%	0%	-4%	1370	1219
Ceftriaxone	8%	2%	90%	5%	<1%	95%	3%	1%	-5%	979	819
Gentamicin	4%	0%	96%	3%	<1%	97%	1%	<1%	-1%	930	760
Trimethoprim ²	23%	4%	73%	19%	2%	79%	4%	2%	-6%	1142	1007
Ciprofloxacin	8%	4%	88%	10%	2%	88%	-2%	2%	0%	980	820
Cefalexin ²	31%	0%	69%	24%	0%	76%	7%	0%	-7%	1141	1008

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Öldrunarstofnanir											
Ampicillin	64%	0%	36%	65%	0%	35%	-1%	0%	1%	214	153
Mecillinam ²	11%	0%	89%	7%	0%	93%	4%	0%	-4%	157	114
Cefpodoxime ¹	9%	0%	91%	10%	0%	90%	-1%	0%	1%	214	152
Trimethoprim ²	30%	3%	67%	36%	1%	63%	-6%	2%	4%	208	150
Cefalexin ²	27%	0%	73%	23%	0%	77%	4%	0%	-4%	208	150

¹ Lyf notað til skimunar fyrir breiðvirkum beta-laktámösum (ESBL)

² Á aðeins við um þvagsýni. Mecillinam næmisviðmiðin eiga aðeins við *Klebsiella sp.* og *Proteus mirabilis*.

Hlutfall ónæmra stofna (I og R) Enterobacteriaceae aðrar en E.coli 2008-2019



Enterobacteriaceae aðrar en E.coli aldurstengd gögn

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Aldur 0-19 ára											
Ampicillin	83%	0%	17%	83%	0%	17%	0%	0%	0%	163	125
Mecillinam ²	3%	0%	97%	0%	0%	100%	3%	0%	-3%	74	57
Amoxicillin/clavulanic acid	43%	0%	57%	50%	0%	50%	-7%	0%	7%	121	88
Cefpodoxime ¹	11%	0%	89%	12%	0%	88%	-1%	0%	1%	162	125
Ceftriaxone	4%	3%	93%	3%	2%	95%	1%	1%	-2%	135	97
Gentamicin	2%	0%	98%	1%	0%	99%	1%	0%	-1%	120	88
Trimethoprim ²	31%	3%	66%	15%	0%	85%	16%	3%	-19%	122	93
Ciprofloxacin	7%	4%	89%	3%	3%	94%	4%	1%	-5%	135	97
Cefalexin ²	34%	0%	66%	29%	0%	71%	5%	0%	-5%	122	93

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Aldur 20-59 ára											
Ampicillin	88%	0%	12%	85%	0%	15%	3%	0%	-3%	522	516
Mecillinam ²	4%	0%	96%	6%	0%	94%	-2%	0%	2%	201	217
Amoxicillin/clavulanic acid	48%	0%	52%	42%	0%	58%	6%	0%	-6%	406	369
Cefpodoxime ¹	18%	0%	82%	10%	0%	90%	8%	0%	-8%	519	514
Ceftriaxone	12%	1%	87%	6%	1%	93%	6%	0%	-6%	428	401
Gentamicin	2%	0%	98%	2%	0%	98%	0%	0%	0%	403	367
Trimethoprim ²	20%	3%	77%	18%	3%	79%	2%	0%	-2%	338	326
Ciprofloxacin	6%	3%	91%	10%	3%	87%	-4%	0%	4%	428	402
Cefalexin ²	35%	0%	65%	25%	0%	75%	10%	0%	-10%	339	327

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Aldur 60 ára og eldri											
Ampicillin	85%	0%	15%	84%	0%	16%	1%	0%	-1%	1857	1620
Mecillinam ²	7%	0%	93%	7%	<1%	93%	0%	<1%	0%	1060	922
Amoxicillin/clavulanic acid	38%	0%	62%	38%	0%	62%	0%	0%	0%	1463	1229
Cefpodoxime ¹	16%	0%	84%	12%	0%	88%	4%	0%	-4%	1858	1611
Ceftriaxone	10%	2%	88%	7%	2%	91%	3%	0%	-3%	1467	1250
Gentamicin	4%	<1%	96%	3%	<1%	97%	1%	<1%	-1%	1454	1225
Trimethoprim ²	22%	3%	75%	24%	2%	74%	-2%	1%	1%	1519	1297
Ciprofloxacin	6%	4%	90%	9%	3%	88%	-3%	1%	2%	1472	1251
Cefalexin ²	29%	0%	71%	26%	0%	74%	3%	0%	-3%	1517	1297

¹Lýf notað til skimunar fyrir breiðvirkum beta-laktamösum (ESBL)

²Á aðeins við um þvagsýni. Mecillinam næmisviðmið eiga aðeins við Klebsiella sp. og Proteus mirabilis

Pseudomonas aeruginosa

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Piperacillin	10%	<1%	90%	9%	0%	91%	1%	<1%	-1%	646	553
Ceftazidime	7%	0%	93%	7%	0%	93%	0%	0%	0%	646	552
Meropenem	7%	3%	90%	5%	5%	90%	2%	-2%	0%	646	552
Gentamicin	-	-	-	3%	0%	97%	-	-	-		552
Tobramycin	0%	0%	100%	<1%	0%	100%	<1%	0%	0%	646	552
Ciprofloxacin	15%	0%	85%	17%	0%	83%	-2%	0%	2%	644	552

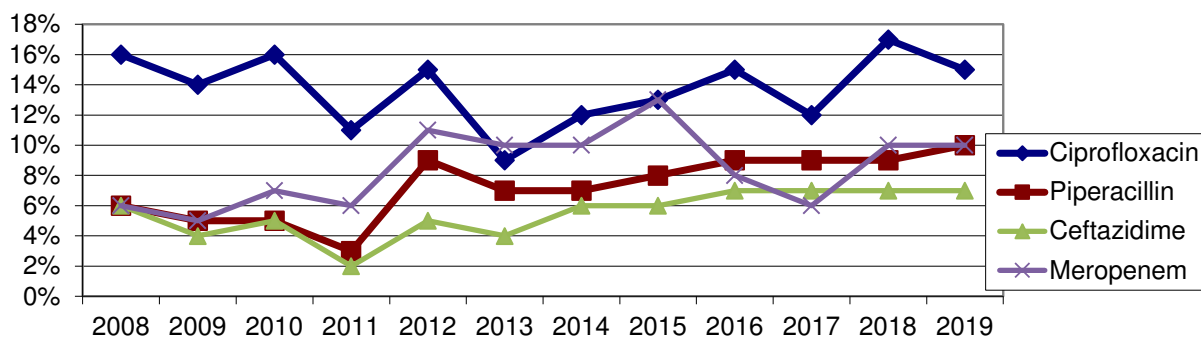
	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Landspítali legudeildir											
Piperacillin	15%	<1%	85%	11%	0%	89%	4%	<1%	-4%	334	274
Ceftazidime	10%	0%	90%	9%	0%	91%	1%	0%	-1%	334	274
Meropenem	10%	4%	86%	8%	6%	86%	2%	-2%	0%	334	274
Gentamicin ¹	-	-	-	3%	0%	97%	-	-	-		274
Tobramycin	0%	0%	100%	<1%	0%	100%	<1%	0%	0%	334	274
Ciprofloxacin	18%	0%	82%	19%	0%	81%	-1%	0%	1%	333	273

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Landspítali bráðamóttökur, Læknastofur, Heilsugæslur og aðrar sjúkrastofnanir											
Piperacillin	6%	0%	94%	8%	0%	92%	-2%	0%	2%	272	246
Ceftazidime	3%	0%	97%	5%	0%	95%	-2%	0%	2%	272	245
Meropenem	4%	2%	94%	3%	3%	94%	1%	-1%	0%	272	245
Gentamicin ¹	-	-	-	2%	0%	98%	-	-	-		245
Tobramycin	0%	0%	100%	<1%	0%	100%	<1%	0%	0%	272	245
Ciprofloxacin	11%	0%	89%	16%	0%	84%	-5%	0%	5%	272	246

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Öldrunarstofnanir											
Piperacillin	5%	0%	95%	3%	0%	97%	2%	0%	-2%	40	33
Ceftazidime	3%	0%	97%	3%	0%	97%	0%	0%	0%	40	33
Meropenem	0%	5%	95%	0%	12%	88%	0%	-7%	7%	40	33
Gentamicin ¹	-	-	-	0%	0%	100%	-	-	-		33
Tobramycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	40	33
Ciprofloxacin	13%	0%	87%	12%	0%	88%	1%	0%	-1%	39	33

¹Ekki til viðmið í EUCAST staðli fyrir Gentamicin. Erum því hætt að gefa út næmi á því.

Hlutfall ónæmra stofna (I og R) P. aeruginosa 2008-2019



Haemophilus influenzae

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Amoxicillin	21%	0%	79%	22%	0%	78%	-1%	0%	1%	312	320
Amoxicillin/clavulanic sýra	17%	0%	83%	15%	<1%	85%	2%	<1%	-2%	450	414
Tetracycline	<1%	<1%	100%	1%	<1%	99%	<1%	<1%	1%	450	413
Trimethoprim/sulfamethoxazole	27%	1%	72%	25%	3%	72%	2%	-2%	0%	450	412

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Landspítali legudeildir											
Amoxicillin	22%	0%	78%	32%	0%	68%	-10%	0%	10%	110	109
Amoxicillin/clavulanic sýra	16%	0%	84%	22%	0%	78%	-6%	0%	6%	164	148
Tetracycline	1%	0%	99%	1%	1%	98%	0%	-1%	1%	164	148
Trimethoprim/sulfamethoxazole	29%	2%	69%	27%	1%	72%	2%	1%	-3%	164	148

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Aðrir											
Amoxicillin	20%	0%	80%	16%	0%	84%	4%	0%	-4%	202	211
Amoxicillin/clavulanic sýra	17%	0%	83%	11%	<1%	89%	6%	<1%	-6%	286	266
Tetracycline	0%	<1%	100%	<1%	<1%	99%	<1%	<1%	1%	286	265
Trimethoprim/sulfamethoxazole	25%	1%	74%	25%	3%	72%	0%	-2%	2%	286	264

15% stofnanna mynduðu beta-laktamasa árið 2019 og eru því ónægir fyrir penicillin og amoxicillin. Árið 2018 voru það 17%. Amoxicillin/clavulanic sýra virkar í flestum tilvikum á beta-laktamasamyndandi stofna.

Neisseria meningitidis

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Penicillin G	17%	17%	66%	0%	0%	100%	17%	17%	-34%	6	3
Rifampin	0%	0%	100%	0%	0%	100%	0%	0%	0%	6	3

Salmonella

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Ampicillin	33%	0%	67%	42%	0%	58%	-9%	0%	9%	48	64
Ceftriaxone	0%	0%	100%	0%	0%	100%	0%	0%	0%	48	64
Trimethoprim/sulfamethoxazole	2%	0%	98%	3%	0%	97%	-1%	0%	1%	48	64
Ciprofloxacin	21%	0%	79%	30%	0%	70%	-9%	0%	9%	48	64

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Innlent smit											
Ampicillin	57%	0%	43%	35%	0%	65%	22%	0%	-22%	14	17
Ceftriaxone	0%	0%	100%	0%	0%	100%	0%	0%	0%	14	17
Trimethoprim/sulfamethoxazole	0%	0%	100%	0%	0%	100%	0%	0%	0%	14	17
Ciprofloxacin	0%	0%	100%	6%	0%	94%	-6%	0%	6%	14	17

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Erlent smit											
Ampicillin	25%	0%	75%	47%	0%	53%	-22%	0%	22%	24	32
Ceftriaxone	4%	0%	96%	0%	0%	100%	4%	0%	-4%	24	32
Trimethoprim/sulfamethoxazole	4%	0%	96%	6%	0%	94%	-2%	0%	2%	24	32
Ciprofloxacin	37%	0%	63%	38%	0%	62%	-1%	0%	1%	24	32

Campylobacter

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Erythromycin	0%	0%	100%	1%	0%	99%	-1%	0%	1%	130	142
Ciprofloxacin	56%	0%	44%	53%	0%	47%	3%	0%	-3%	130	143

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Innlent smit											
Erythromycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	45	43
Ciprofloxacin	13%	0%	87%	11%	0%	89%	2%	0%	-2%	45	44

	2019			2018			Munur milli ára			Fjöldi 2019	Fjöldi 2018
	R	I	S	R	I	S	R	I	S		
Erlent smit											
Erythromycin	0%	0%	100%	3%	0%	97%	-3%	0%	3%	64	77
Ciprofloxacin	84%	0%	16%	83%	0%	17%	1%	0%	-1%	64	77

Hlutfall ónæmra stofna (I og R) Campylobacter 2008-2019

