

Sýklalyfjanæmi 2020

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

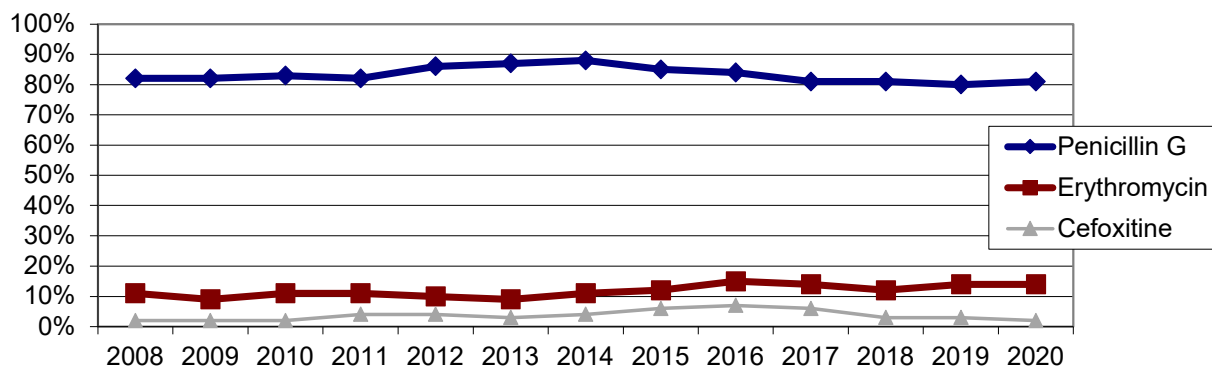
	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Penicillin G	81%	0%	19%	80%	0%	20%	1%	0%	-1%	2218	2266
Cefoxitine ¹	2%	0%	98%	3%	0%	97%	-1%	0%	1%	2221	2272
Erythromycin	14%	<1%	86%	14%	<1%	86%	0%	<1%	0%	1913	1990
Clindamycin	13%	<1%	87%	12%	1%	87%	1%	<1%	0%	1913	1988

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Landspítali legudeildir											
Penicillin G	82%	0%	18%	81%	0%	19%	1%	0%	-1%	933	1025
Cefoxitine ¹	2%	0%	98%	3%	0%	97%	-1%	0%	1%	935	1028
Erythromycin	17%	<1%	83%	15%	<1%	85%	2%	<1%	-2%	841	926
Clindamycin	15%	<1%	85%	13%	1%	86%	2%	<1%	-1%	840	926

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Aðrir											
Penicillin G	81%	0%	19%	79%	0%	21%	2%	0%	-2%	1285	1241
Cefoxitine ¹	3%	0%	97%	4%	0%	96%	-1%	0%	1%	1286	1244
Erythromycin	12%	0%	88%	12%	<1%	88%	0%	<1%	0%	1072	1064
Clindamycin	11%	0%	89%	11%	1%	88%	0%	<1%	1%	1073	1062

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

Hlutfall ónæmra stofna (I og R) Staphylococcus aureus 2008-2020



Staphylococcus kóagúlasa neikvæður

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Cefoxitine ¹	33%	0%	67%	34%	0%	66%	-1%	0%	1%	1280	1343
Erythromycin	45%	0%	55%	49%	<1%	51%	-4%	<1%	4%	764	770
Clindamycin	29%	1%	70%	32%	1%	67%	-3%	0%	3%	764	770

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Landspítali legudeildir											
Cefoxitine ¹	39%	0%	61%	42%	0%	58%	-3%	0%	3%	593	633
Erythromycin	49%	0%	51%	58%	<1%	42%	-9%	<1%	9%	427	418
Clindamycin	32%	2%	66%	40%	1%	59%	-8%	1%	7%	427	417

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Aðrir											
Cefoxitine ¹	27%	0%	73%	27%	0%	73%	0%	0%	0%	687	710
Erythromycin	40%	0%	60%	39%	1%	60%	1%	-1%	0%	337	352
Clindamycin	24%	1%	75%	22%	1%	77%	2%	0%	-2%	337	353

¹Lyf notað til að prófa næmi fyrir staphylókokka penisillinum.

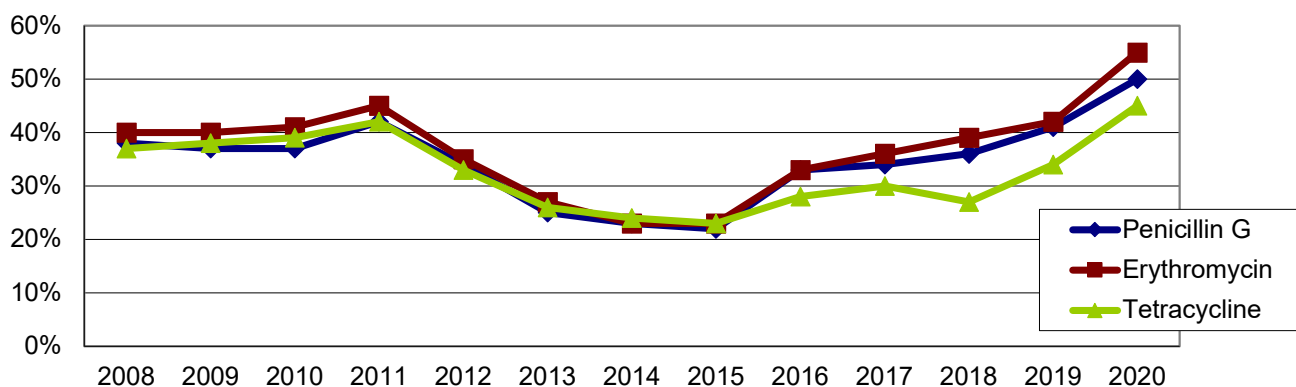
Streptococcus pneumoniae

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Penicillin G	0%	50%	50%	2%	39%	59%	-2%	11%	-9%	173	279
Ceftriaxone	0%	1%	99%	0%	<1%	100%	0%	<1%	-1%	173	279
Tetracycline	43%	2%	55%	30%	4%	66%	13%	-2%	-11%	175	277
Erythromycin	55%	<1%	45%	42%	<1%	58%	13%	<1%	-13%	174	278
Chloramphenicol	5%	0%	95%	2%	0%	98%	3%	0%	-3%	175	278
Trimethoprim/sulfamethoxazole	16%	0%	84%	20%	2%	78%	-4%	-2%	6%	175	278

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Landspítali legudeildir											
Penicillin G	0%	53%	47%	2%	41%	57%	-2%	12%	-10%	70	93
Ceftriaxone	0%	1%	99%	0%	1%	99%	0%	0%	0%	70	93
Tetracycline	42%	0%	58%	40%	2%	58%	2%	-2%	0%	71	92
Erythromycin	61%	0%	39%	53%	0%	47%	8%	0%	-8%	71	92
Chloramphenicol	3%	0%	97%	2%	0%	98%	1%	0%	-1%	71	92
Trimethoprim/sulfamethoxazole	18%	0%	82%	20%	1%	79%	-2%	-1%	3%	71	92

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Aðrir											
Penicillin G	0%	49%	51%	2%	38%	60%	-2%	11%	-9%	103	186
Ceftriaxone	0%	1%	99%	0%	0%	100%	0%	1%	-1%	103	186
Tetracycline	43%	3%	54%	25%	4%	71%	18%	-1%	-17%	104	185
Erythromycin	50%	1%	49%	37%	0%	63%	13%	1%	-14%	103	186
Chloramphenicol	6%	0%	94%	2%	0%	98%	4%	0%	-4%	104	186
Trimethoprim/sulfamethoxazole	14%	0%	86%	20%	2%	78%	-6%	-2%	8%	104	186

Hlutfall ónæmra stofna(I og R) Streptococcus pneumoniae 2008-2020



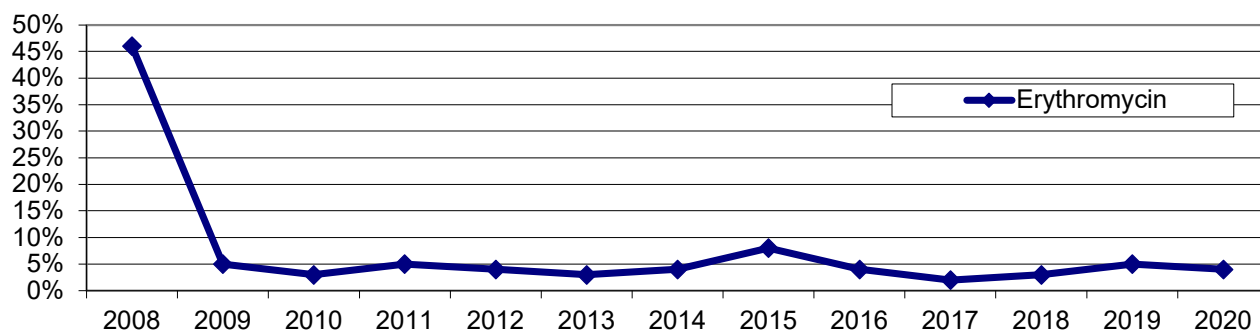
Streptococcus pyogenes

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Penicillin G	0%	0%	100%	0%	0%	100%	0%	0%	0%	211	353
Tetracycline	4%	0%	96%	8%	1%	91%	-4%	-1%	5%	189	340
Erythromycin	4%	0%	96%	4%	1%	95%	0%	-1%	1%	189	340
Clindamycin	4%	0%	96%	4%	0%	96%	0%	0%	0%	189	340

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Landspítali legudeildir											
Penicillin G	0%	0%	100%	0%	0%	100%	0%	0%	0%	40	82
Tetracycline	5%	0%	95%	10%	0%	90%	-5%	0%	5%	39	79
Erythromycin	0%	0%	100%	6%	0%	94%	-6%	0%	6%	39	79
Clindamycin	0%	0%	100%	6%	0%	94%	-6%	0%	6%	39	79

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Aðrir											
Penicillin G	0%	0%	100%	0%	0%	100%	0%	0%	0%	171	271
Tetracycline	3%	0%	97%	7%	1%	92%	-4%	-1%	5%	150	261
Erythromycin	5%	0%	95%	3%	1%	96%	2%	-1%	-1%	150	261
Clindamycin	5%	0%	95%	3%	0%	97%	2%	0%	-2%	150	261

Hlutfall ónæmra stofna (I og R) Streptococcus pyogenes 2008-2020



Enterococcus faecalis

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Ampicillin	1%	0%	99%	1%	1%	98%	0%	-1%	1%	1573	1196
Gentamicin ¹	13%	0%	87%	14%	0%	86%	-1%	0%	1%	1574	1201
Nitrofurantoin	0%	0%	100%	0%	0%	100%	0%	0%	0%	1470	1074
Vancomycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	1574	1201

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Landspítali legudeildir											
Ampicillin	2%	0%	98%	2%	1%	97%	0%	-1%	1%	591	467
Gentamicin ¹	15%	0%	85%	18%	0%	82%	-3%	0%	3%	592	470
Nitrofurantoin	0%	0%	100%	0%	0%	100%	0%	0%	0%	523	377
Vancomycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	592	470

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	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%	885	668
Gentamicin ¹	11%	0%	89%	11%	0%	89%	0%	0%	0%	885	670
Nitrofurantoin	<1%	0%	100%	<1%	0%	100%	<1%	0%	0%	850	636
Vancomycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	885	670

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Öldrunarstofnanir											
Ampicillin	0%	0%	100%	2%	0%	98%	-2%	0%	2%	97	61
Gentamicin ¹	16%	0%	84%	15%	0%	85%	1%	0%	-1%	97	61
Nitrofurantoin	3%	0%	97%	0%	0%	100%	3%	0%	-3%	97	61
Vancomycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	97	61

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

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Ampicillin	73%	2%	26%	72%	2%	27%	1%	0%	-1%	180	131
Gentamicin ¹	17%	0%	83%	20%	0%	80%	-3%	0%	3%	180	131
Vancomycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	180	131

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Landspítali legudeildir											
Ampicillin	80%	2%	18%	78%	0%	22%	2%	2%	-4%	117	95
Gentamicin ¹	18%	0%	82%	20%	0%	80%	-2%	0%	2%	117	95
Vancomycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	117	95

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Landspítali bráðamóttökur, Læknastofur, Heilsugæslur og aðrar sjúkrastofnanir											
Ampicillin	59%	2%	39%	57%	3%	40%	2%	-1%	-1%	51	30
Gentamicin ¹	14%	0%	86%	23%	0%	77%	-9%	0%	9%	51	30
Vancomycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	51	30

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Öldrunarstofnanir											
Ampicillin	58%	0%	42%	50%	17%	33%	8%	-17%	9%	12	6
Gentamicin ¹	25%	0%	75%	0%	0%	100%	25%	0%	-25%	12	6
Vancomycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	12	6

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

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Ampicillin ³	47%	-	53%	50%	-	50%	-3%	-	3%	6523	8079
Mecillinam ²	8%	0%	92%	7%	0%	93%	1%	0%	-1%	6052	7159
Amoxicillin/clavulanic acid ³	15%	-	85%	18%	-	82%	-3%	-	3%	3619	4678
Piperacillin/tazobactam	1%	2%	97%	2%	2%	96%	-1%	0%	1%	3609	4659
Cefpodoxime ¹	8%	0%	92%	11%	0%	89%	-3%	0%	3%	6524	8075
Ceftriaxone	10%	<1%	90%	14%	<1%	86%	-4%	<1%	4%	3611	4678
Gentamicin	7%	<1%	93%	7%	<1%	93%	0%	<1%	0%	3612	4677
Trimethoprim ²	23%	<1%	77%	23%	<1%	77%	0%	<1%	0%	6060	7160
Nitrofurantoin ²	3%	0%	97%	3%	0%	97%	0%	0%	0%	6049	7157
Ciprofloxacin	14%	2%	84%	17%	2%	81%	-3%	0%	3%	3626	4680
Cefalexin ²	9%	0%	91%	9%	0%	91%	0%	0%	0%	6061	7160

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Landspítali legudeildir											
Ampicillin ³	48%	-	52%	49%	-	51%	-1%	-	1%	1681	1803
Mecillinam	9%	0%	91%	7%	0%	93%	2%	0%	-2%	1410	1493
Amoxicillin/clavulanic acid ³	13%	-	87%	12%	-	88%	1%	-	-1%	1679	1793
Piperacillin/tazobactam	1%	2%	97%	1%	1%	98%	0%	1%	-1%	1678	1792
Cefpodoxime ¹	10%	0%	90%	9%	0%	91%	1%	0%	-1%	1682	1803
Ceftriaxone	8%	<1%	92%	7%	<1%	93%	1%	<1%	-1%	1675	1794
Gentamicin	6%	<1%	94%	6%	<1%	94%	0%	<1%	0%	1675	1793
Trimethoprim ²	24%	<1%	76%	25%	<1%	75%	-1%	<1%	1%	1410	1493
Nitrofurantoin ²	3%	0%	97%	2%	0%	98%	1%	0%	-1%	1410	1493
Ciprofloxacin	13%	2%	85%	13%	2%	85%	0%	0%	0%	1678	1795
Cefalexin ²	11%	0%	89%	10%	0%	90%	1%	0%	-1%	1409	1492

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Landspítali bráðamóttökur, Læknastofur, Heilsugæslur og aðrar sjúkrastofnanir											
Ampicillin ³	46%	-	54%	47%	-	53%	-1%	-	1%	4429	4681
Mecillinam ²	7%	0%	93%	7%	0%	93%	0%	0%	0%	4234	4472
Cefpodoxime ¹	7%	0%	93%	7%	0%	93%	0%	0%	0%	4429	4681
Trimethoprim ²	23%	0%	77%	23%	0%	77%	0%	0%	0%	4242	4472
Nitrofurantoin ²	2%	0%	98%	2%	0%	98%	0%	0%	0%	4231	4469
Ciprofloxacin	14%	2%	84%	15%	2%	83%	-1%	0%	1%	1869	2027
Cefalexin ²	8%	0%	92%	8%	0%	92%	0%	0%	0%	4244	4472

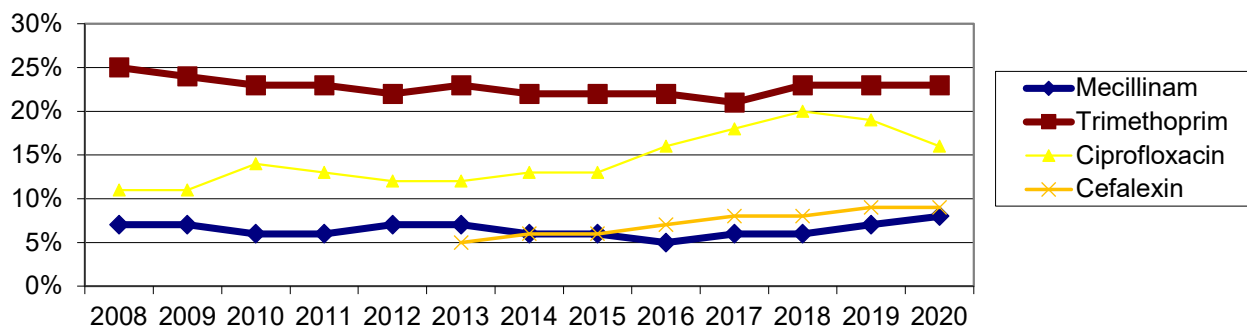
	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Öldrunarstofnanir											
Ampicillin ³	50%	-	50%	55%	-	45%	-5%	-	5%	413	433
Mecillinam ²	8%	0%	91%	11%	0%	89%	-3%	0%	2%	408	427
Cefpodoxime ¹	8%	0%	92%	8%	0%	92%	0%	0%	0%	413	433
Trimethoprim ²	16%	0%	84%	26%	0%	74%	-10%	0%	10%	408	428
Nitrofurantoin ²	5%	0%	95%	7%	0%	93%	-2%	0%	2%	408	427
Cefalexin ²	10%	0%	90%	11%	0%	89%	-1%	0%	1%	408	428

¹ Lyf notað til skimunar fyrir breiðvirkum beta-laktámösum (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 2008-2020



E. coli aldurstengd gögn

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Aldur 0-19 ára											
Ampicillin	41%	-	59%	49%	-	51%	-8%	-	8%	771	761
Mecillinam ²	5%	0%	95%	7%	0%	93%	-2%	0%	2%	736	695
Cefpodoxime ¹	6%	0%	94%	6%	0%	94%	0%	0%	0%	771	761
Trimethoprim ²	20%	0%	80%	22%	0%	78%	-2%	0%	2%	735	696
Nitrofurantoin ²	1%	0%	99%	<1%	0%	100%	<1%	0%	-1%	733	695
Ciprofloxacin	7%	2%	91%	7%	2%	91%	0%	0%	0%	376	422
Cefalexin ²	6%	0%	94%	7%	0%	93%	-1%	0%	1%	736	696

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Aldur 20-59 ára											
Ampicillin	44%	-	56%	45%	-	55%	-1%	-	1%	1979	2022
Mecillinam ²	7%	0%	93%	6%	0%	94%	1%	0%	-1%	1812	1833
Cefpodoxime ¹	7%	0%	93%	6%	0%	94%	1%	0%	-1%	1980	2022
Trimethoprim ²	21%	0%	79%	22%	<1%	78%	-1%	<1%	1%	1815	1832
Nitrofurantoin ²	1%	0%	99%	1%	0%	99%	0%	0%	0%	1812	1831
Ciprofloxacin	13%	3%	84%	12%	1%	87%	1%	2%	-3%	978	985
Cefalexin ²	8%	0%	92%	7%	0%	93%	1%	0%	-1%	1816	1832

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Aldur 60 ára og eldri											
Ampicillin	49%	-	51%	50%	-	50%	-1%	-	1%	3770	4132
Mecillinam	9%	0%	91%	8%	0%	92%	1%	0%	-1%	3501	3862
Cefpodoxime ¹	9%	0%	91%	9%	0%	91%	0%	0%	0%	3770	4132
Trimethoprim ²	24%	<1%	76%	25%	0%	75%	-1%	<1%	1%	3508	3863
Nitrofurantoin ²	3%	0%	97%	3%	0%	97%	0%	0%	0%	3502	3861
Ciprofloxacin	16%	2%	82%	18%	2%	80%	-2%	0%	2%	2270	2507
Cefalexin ²	10%	0%	90%	10%	0%	90%	0%	0%	0%	3507	3862

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

² Á aðeins við um þvagsýni

Enterobacteriaceae aðrar en E.coli

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Ampicillin	84%	0%	16%	85%	0%	15%	-1%	0%	1%	2501	2544
Mecillinam ²	6%	0%	94%	6%	0%	94%	0%	0%	0%	1403	1336
Amoxicillin/clavulanic acid	39%	0%	61%	40%	0%	60%	-1%	0%	1%	1959	1992
Cefpodoxime ¹	13%	0%	87%	16%	0%	84%	-3%	0%	3%	2499	2541
Ceftriaxone	7%	1%	92%	10%	2%	88%	-3%	-1%	4%	1983	2032
Gentamicin	3%	<1%	97%	3%	<1%	97%	0%	<1%	0%	1953	1979
Trimethoprim ²	21%	2%	77%	22%	3%	75%	-1%	-1%	2%	1949	1980
Ciprofloxacin	4%	3%	93%	6%	4%	90%	-2%	-1%	3%	1991	2037
Cefalexin ²	31%	0%	69%	31%	0%	69%	0%	0%	0%	1953	1979

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Landspítali legudeildir											
Ampicillin	90%	0%	10%	87%	0%	13%	3%	0%	-3%	979	957
Mecillinam ²	6%	0%	94%	5%	0%	95%	1%	0%	-1%	442	419
Amoxicillin/clavulanic acid	39%	0%	61%	38%	0%	62%	1%	0%	-1%	977	949
Cefpodoxime ¹	17%	0%	83%	20%	0%	80%	-3%	0%	3%	979	957
Ceftriaxone	9%	1%	90%	12%	2%	86%	-3%	-1%	4%	976	955
Gentamicin	3%	0%	97%	3%	<1%	97%	0%	<1%	0%	975	950
Trimethoprim ²	19%	2%	79%	18%	3%	79%	1%	-1%	0%	634	630
Ciprofloxacin	3%	3%	94%	4%	2%	94%	-1%	1%	0%	979	955
Cefalexin ²	37%	0%	63%	32%	0%	68%	5%	0%	-5%	634	630

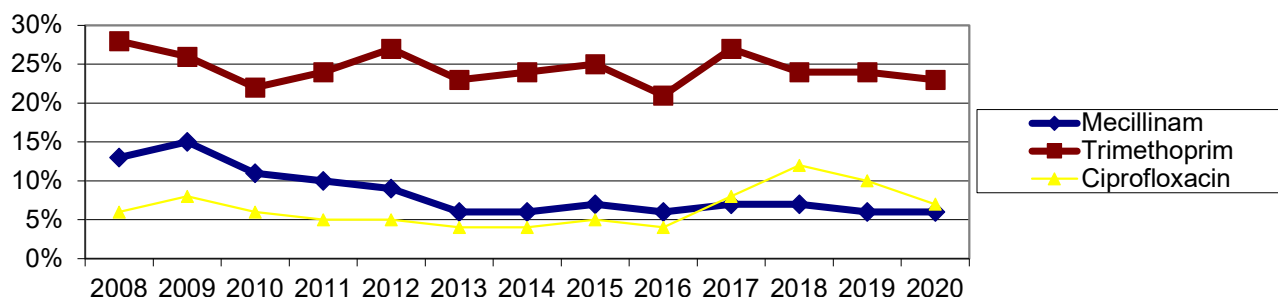
	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Landspítali bráðamóttökur, Læknastofur, Heilsugæslur og aðrar sjúkrastofnanir											
Ampicillin	85%	0%	15%	87%	0%	13%	-2%	0%	2%	1262	1373
Mecillinam ²	6%	0%	94%	6%	0%	94%	0%	0%	0%	766	760
Amoxicillin/clavulanic acid	38%	0%	62%	42%	0%	58%	-4%	0%	4%	861	941
Cefpodoxime ¹	10%	0%	90%	14%	0%	86%	-4%	0%	4%	1261	1370
Ceftriaxone	5%	1%	94%	8%	2%	90%	-3%	-1%	4%	887	979
Gentamicin	2%	0%	98%	4%	0%	96%	-2%	0%	2%	858	930
Trimethoprim ²	21%	1%	78%	23%	4%	73%	-2%	-3%	5%	1059	1142
Ciprofloxacin	5%	3%	92%	8%	4%	88%	-3%	-1%	4%	890	980
Cefalexin ²	28%	0%	72%	31%	0%	69%	-3%	0%	3%	1061	1141

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Öldrunarstofnanir											
Ampicillin	64%	0%	36%	64%	0%	36%	0%	0%	0%	260	214
Mecillinam ²	6%	0%	94%	11%	0%	89%	-5%	0%	5%	195	157
Cefpodoxime ¹	9%	0%	91%	9%	0%	91%	0%	0%	0%	259	214
Trimethoprim ²	29%	3%	68%	30%	3%	67%	-1%	0%	1%	256	208
Cefalexin ²	27%	0%	73%	27%	0%	73%	0%	0%	0%	258	208

¹ Lyf notað til skimunar fyrir breiðvirkum beta-laktamösom (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 2008-2020



Enterobacteriaceae aðrar en E.coli aldurstengd gögn

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Aldur 0-19 ára											
Ampicillin	91%	0%	9%	83%	0%	17%	8%	0%	-8%	145	163
Mecillinam ²	0%	0%	100%	3%	0%	97%	-3%	0%	3%	70	74
Amoxicillin/clavulanic acid	47%	0%	53%	43%	0%	57%	4%	0%	-4%	112	121
Cefpodoxime ¹	17%	0%	83%	11%	0%	89%	6%	0%	-6%	144	162
Ceftriaxone	3%	2%	95%	4%	3%	93%	-1%	-1%	2%	116	135
Gentamicin	1%	0%	99%	2%	0%	98%	-1%	0%	1%	110	120
Trimethoprim ²	14%	0%	86%	31%	3%	66%	-17%	-3%	20%	113	122
Ciprofloxacin	7%	4%	89%	7%	4%	89%	0%	0%	0%	116	135
Cefalexin ²	42%	0%	58%	34%	0%	66%	8%	0%	-8%	115	122

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Aldur 20-59 ára											
Ampicillin	84%	0%	16%	88%	0%	12%	-4%	0%	4%	487	522
Mecillinam ²	3%	0%	97%	4%	0%	96%	-1%	0%	1%	234	201
Amoxicillin/clavulanic acid	45%	0%	55%	48%	0%	52%	-3%	0%	3%	372	406
Cefpodoxime ¹	12%	0%	88%	18%	0%	82%	-6%	0%	6%	487	519
Ceftriaxone	8%	1%	91%	12%	1%	87%	-4%	0%	4%	385	428
Gentamicin	1%	0%	99%	2%	0%	98%	-1%	0%	1%	371	403
Trimethoprim ²	19%	1%	80%	20%	3%	77%	-1%	-2%	3%	328	338
Ciprofloxacin	5%	2%	93%	6%	3%	91%	-1%	-1%	2%	385	428
Cefalexin ²	32%	0%	68%	35%	0%	65%	-3%	0%	3%	329	339

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Aldur 60 ára og eldri											
Ampicillin	84%	0%	16%	85%	0%	15%	-1%	0%	1%	1868	1857
Mecillinam ²	7%	0%	93%	7%	0%	93%	0%	0%	0%	1099	1060
Amoxicillin/clavulanic acid	36%	0%	64%	38%	0%	62%	-2%	0%	2%	1474	1463
Cefpodoxime ¹	13%	0%	87%	16%	0%	84%	-3%	0%	3%	1867	1858
Ceftriaxone	7%	1%	92%	10%	2%	88%	-3%	-1%	4%	1481	1467
Gentamicin	3%	<1%	97%	4%	<1%	96%	-1%	<1%	1%	1471	1454
Trimethoprim ²	22%	2%	76%	22%	3%	75%	0%	-1%	1%	1507	1519
Ciprofloxacin	4%	4%	92%	6%	4%	90%	-2%	0%	2%	1489	1472
Cefalexin ²	29%	0%	71%	29%	0%	71%	0%	0%	0%	1508	1517

¹Lyf 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

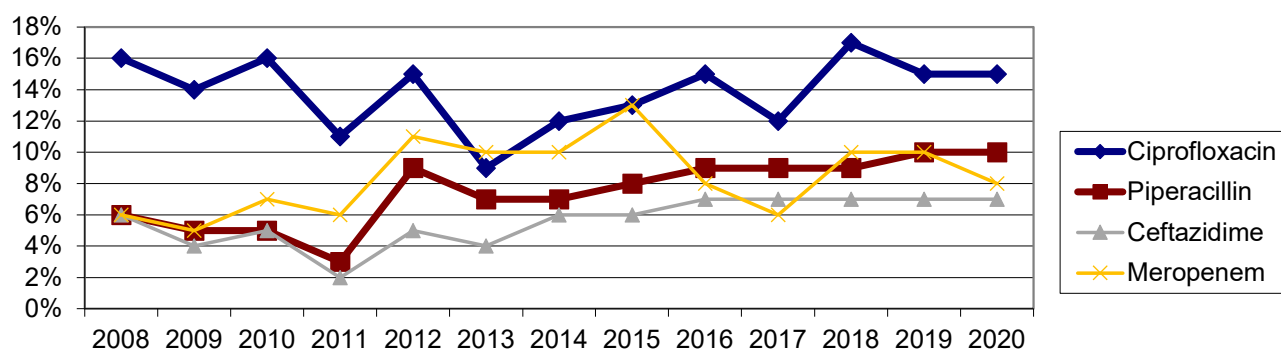
	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Piperacillin	10%	0%	90%	10%	<1%	90%	0%	<1%	0%	667	646
Ceftazidime	7%	0%	93%	7%	0%	93%	0%	0%	0%	668	646
Meropenem	5%	3%	92%	7%	3%	90%	-2%	0%	2%	668	646
Aztreonam ¹	7%	10%	83%	-	-	-	-	-	-	661	-
Tobramycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	668	646
Ciprofloxacin	15%	0%	85%	15%	0%	85%	0%	0%	0%	668	644

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Landspítali legudeildir											
Piperacillin	14%	0%	86%	15%	<1%	85%	-1%	<1%	1%	346	334
Ceftazidime	11%	0%	89%	10%	0%	90%	1%	0%	-1%	347	334
Meropenem	9%	3%	88%	10%	4%	86%	-1%	-1%	2%	347	334
Aztreonam ¹	10%	9%	81%	-	-	-	-	-	-	345	-
Tobramycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	347	334
Ciprofloxacin	13%	0%	87%	18%	0%	82%	-5%	0%	5%	347	333

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Landspítali bráðamóttökur, Læknastofur, Heilsugæslur og aðrar sjúkrastofnanir											
Piperacillin	6%	0%	94%	6%	0%	94%	0%	0%	0%	248	272
Ceftazidime	3%	0%	97%	3%	0%	97%	0%	0%	0%	248	272
Meropenem	2%	1%	97%	4%	2%	94%	-2%	-1%	3%	248	272
Aztreonam ¹	5%	9%	86%	-	-	-	-	-	-	244	-
Tobramycin	<1%	0%	100%	0%	0%	100%	<1%	0%	0%	248	272
Ciprofloxacin	18%	0%	82%	11%	0%	89%	7%	0%	-7%	248	272

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Öldrunarstofnanir											
Piperacillin	7%	0%	93%	5%	0%	95%	2%	0%	-2%	73	40
Ceftazidime	4%	0%	96%	3%	0%	97%	1%	0%	-1%	73	40
Meropenem	0%	4%	96%	0%	5%	95%	0%	-1%	1%	73	40
Aztreonam	7%	15%	78%	-	-	-	-	-	-	72	-
Tobramycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	73	40
Ciprofloxacin	16%	0%	84%	13%	0%	87%	3%	0%	-3%	73	39

Hlutfall ónæmra stofna (I og R) P. aeruginosa 2008-2020



Haemophilus influenzae

Allir stofnar	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Amoxicillin	16%	0%	84%	21%	0%	79%	-5%	0%	5%	176	312
Amoxicillin/clavulanic sýra	18%	<1%	81%	17%	0%	83%	1%	<1%	-2%	246	450
Tetracycline	<1%	0%	100%	<1%	<1%	100%	<1%	<1%	0%	246	450
Trimethoprim/sulfamethoxazole	22%	3%	75%	27%	1%	72%	-5%	2%	3%	246	450

Landspítali legudeildir	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Amoxicillin	12%	0%	88%	22%	0%	78%	-10%	0%	10%	76	110
Amoxicillin/clavulanic sýra	22%	0%	78%	16%	0%	84%	6%	0%	-6%	111	164
Tetracycline	1%	0%	99%	1%	0%	99%	0%	0%	0%	111	164
Trimethoprim/sulfamethoxazole	23%	5%	72%	29%	2%	69%	-6%	3%	3%	111	164

Aðrir	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Amoxicillin	19%	0%	81%	20%	0%	80%	-1%	0%	1%	100	202
Amoxicillin/clavulanic sýra	15%	1%	84%	17%	0%	83%	-2%	1%	1%	135	286
Tetracycline	0%	0%	100%	0%	<1%	100%	0%	<1%	0%	135	286
Trimethoprim/sulfamethoxazole	21%	1%	78%	25%	1%	74%	-4%	0%	4%	135	286

12% stofnanna mynduðu beta-laktamasa árið 2020 og eru því ónægir fyrir penicillin og amoxicillin. Árið 2019 voru það 15%. Amoxicillin/clavulanic sýra virkar í flestum tilvikum á beta-laktamasamyndandi stofna.

Neisseria meningitidis

Allir stofnar	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Penicillin G	33%	33%	33%	17%	17%	66%	16%	16%	-33%	3	6
Rifampin	0%	0%	100%	0%	0%	100%	0%	0%	0%	3	6

Salmonella

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Ampicillin	39%	0%	61%	33%	0%	67%	6%	0%	-6%	28	48
Ceftriaxone	0%	0%	100%	0%	0%	100%	0%	0%	0%	28	48
Trimethoprim/sulfamethoxazole	0%	0%	100%	2%	0%	98%	-2%	0%	2%	28	48
Ciprofloxacin	21%	0%	79%	21%	0%	79%	0%	0%	0%	28	48

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Innlent smit											
Ampicillin	53%	0%	47%	57%	0%	43%	-4%	0%	4%	17	14
Ceftriaxone	0%	0%	100%	0%	0%	100%	0%	0%	0%	17	14
Trimethoprim/sulfamethoxazole	0%	0%	100%	0%	0%	100%	0%	0%	0%	17	14
Ciprofloxacin	18%	0%	82%	0%	0%	100%	18%	0%	-18%	17	14

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Erlent smit											
Ampicillin	0%	0%	100%	25%	0%	75%	-25%	0%	25%	8	24
Ceftriaxone	0%	0%	100%	4%	0%	96%	-4%	0%	4%	8	24
Trimethoprim/sulfamethoxazole	0%	0%	100%	4%	0%	96%	-4%	0%	4%	8	24
Ciprofloxacin	38%	0%	62%	37%	0%	63%	1%	0%	-1%	8	24

Campylobacter

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Allir stofnar											
Erythromycin	2%	0%	98%	0%	0%	100%	2%	0%	-2%	88	130
Ciprofloxacin	23%	0%	77%	56%	0%	44%	-33%	0%	33%	92	130

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Innlent smit											
Erythromycin	0%	0%	100%	0%	0%	100%	0%	0%	0%	67	45
Ciprofloxacin	10%	0%	90%	13%	0%	87%	-3%	0%	3%	70	45

	2020			2019			Munur milli ára			Fjöldi 2020	Fjöldi 2019
	R	I	S	R	I	S	R	I	S		
Erlent smit											
Erythromycin	14%	0%	86%	0%	0%	100%	14%	0%	-14%	14	64
Ciprofloxacin	93%	0%	7%	84%	0%	16%	9%	0%	-9%	14	64

