

Efni/Subject:	Talnaefni Orkustofnunar / Orkustofnun Data Repository
Titill/Title:	Raforkunotkun á Íslandi 2018 / Electricity consumption in Iceland 2018
Lykilord/Keyword:	Raforkunotkun, skerðanleg orka, stóriðja, almenn notkun, töp, notkunarflokkar, landsvæði, íbúar / Electricity consumption, curtailable use, heavy industry, regular use, losses, utilization categories, region, capita
Auðkenni/Identifier:	OS-2019-T013-01
Útgáfudagur/Date:	12/11/2019
Síðast uppfært/Last edition:	
Höfundur/Creator:	Orkustofnun
Tímabil/Period:	1.1.2018-31.12.2018
Tilvísun:	Orkustofnun (2019). OS-2019-T013-01: Raforkunotkun á Íslandi 2018
Citation:	Orkustofnun (2019). OS-2019-T013-01: Electricity consumption in Iceland 2018

Tafla 1: Skipting raforkunotkunar 2018

Table 1: Break down of electricity consumption 2018

Skipting raforkunotkunar	Break down of electricity production	[GWst]	Hlutfall
		[GWh]	Percentage
Almenn notkun	Conventional use	3.455	17,4%
Skerðanleg orka	Curtailable use	561	2,8%
Stóriðja	Heavy industry	15.260	77,0%
Dreifitöp	Distribution losses	156	0,8%
Flutningstöp	Transmission losses	398	2,0%
<b>Samtals</b>	<b>Total</b>	<b>19.830</b>	<b>100%</b>

Tafla 2: Raforkunotkun 2018, án tapar, skipt eftir notkunarflokkum

Table 2: Electricity consumption 2018 by utilization category excluding losses

Notkunarflokkur	Utilization category	[MWst]	[GWst]	Hlutfall
		[MWh]	[GWh]	Percentage
<b>Almenn notkun</b>	<b>Regular use</b>	<b>4.015.707</b>	<b>4.016</b>	<b>100%</b>
Þjónusta	Services	1.758.304	1.758	44%
Annar iðnaður	Other industries	265.066	265	7%
Heimili	Residential	865.372	865	22%
Veitur	Utilities	815.192	815	20%
Landsbúnaður	Agriculture	238.991	239	6%
Fiskveiðar	Fisheries	72.782	73	2%
<b>Stóriðja</b>	<b>Heavy industry</b>	<b>15.259.880</b>	<b>15.260</b>	<b>100%</b>
Áliðnaður	Aluminium smelters	12.934.877	12.935	85%
Járblendi	Ferroalloy industry	1.011.570	1.012	7%
Alþynnur	Aluminium foil industry	590.171	590	4%
Gagnaver	Data centers	647.042	647	4%
Annað	Other	76.220	76	0%
<b>Samtals</b>	<b>Total</b>	<b>19.275.587</b>	<b>19.276</b>	

Tafla 3: Raforkunotkun, án tapar, 2018 skipt eftir landshlutum.

Table 3: Electricity consumption, excluding losses, 2018 by region

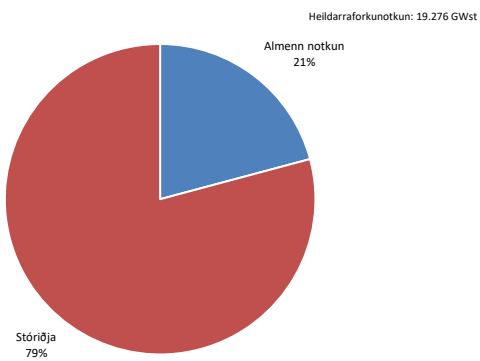
Landsvæði	Region	[MWst]	[GWst]	Hlutfall
		[MWh]	[GWh]	Percentage
Vesturland	West	5.894.355	5.894	30,6%
Austurland	East	5.479.805	5.480	28,4%
Höfuðborgarsvæðið	Capital Region	4.804.589	4.805	24,9%
Norðurland	North	1.223.952	1.224	6,3%
Suðurland	South	686.410	686	3,6%
Reykjanes	Reykjanes peninsula	940.504	941	4,9%
Vestfirðir	Westfjords	245.972	246	1,3%
<b>Samtals</b>	<b>Total</b>	<b>19.275.587</b>	<b>19.276</b>	<b>100%</b>

Tafla 4: Raforkunotkun á íbúa og landsframleiðslu í völdum löndum 2017 (Heimild: Key World Energy Statistics 2019, IEA)

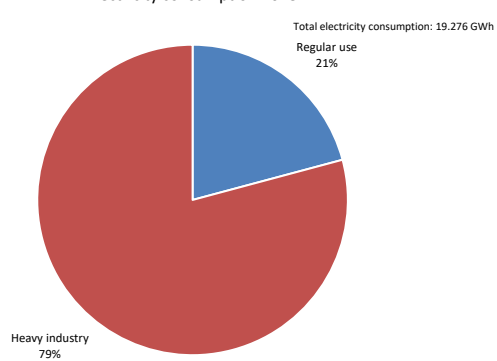
Table 4: Electricity consumption per capita and GDP in selected countries 2017. (Source: Key World Energy Statistics 2019, IEA)

Land		Íbúar [milljónir]	Landsframleiðsla [milljarðar USD]	Raforkunotkun [TWh]	Raforkunotkun á íbúa [kWh/íbúa]	Raforkunotkun á landsframleiðslu [Wh/landsframleiðsla]
	Country	Population [million]	GDP [billion USD]	Electricity consumption [TWh]	Electricity consumption per capita [kWh/capita]	Electricity consumption per GDP [Wh/USD]
Ísland	Iceland	0,3	18	19	54.706	1.063
Noregur	Norway	5,3	483	125	23.585	259
Finnland	Finland	5,5	262	85	15.491	325
Kanada	Canada	36,5	1.873	522	14.288	278
Lúxemborg	Luxembourg	0,6	64	8	13.833	131
Bandaríkin	United States	326,0	17.349	4.099	12.572	236
Ástralía	Australia	24,6	1.574	244	9.923	155
Nýja Sjáland	New Zealand	4,8	181	41	8.604	229
Austurríki	Austria	8,8	433	75	8.466	172
Japan	Japan	126,7	6.141	1.028	8.111	167
Belgía	Belgium	11,3	526	89	7.867	169
Swiss	Switzerland	8,5	655	64	7.541	98
Frakkland	France	67,1	2.875	483	7.204	168
Þýskaland	Germany	82,7	3.884	574	6.944	148
Rússland	Russia	144,5	1.680	978	6.771	582
Holland	Netherlands	17,1	924	115	6.749	125
Tékkland	Czechia	10,6	241	70	6.566	289
Danmörk	Denmark	5,8	360	34	5.845	94
Írland	Ireland	4,8	358	28	5.833	78
Grikkland	Greece	10,8	248	60	5.593	244
Spánn	Spain	46,5	1.510	258	5.544	171
Slovakía	Slovakia	5,4	108	30	5.463	273
Ítalía	Italy	60,5	2.121	315	5.205	148
Portúgal	Portugal	10,3	2.389	52	5.010	22
Bretland	United Kingdom	66,0	2.819	327	4.955	116
Kína	China	1.386,4	10.161	6.302	4.546	620
Ungverjaland	Hungary	9,8	154	42	4.316	275
Pólland	Poland	38,4	601	163	4.240	271
Suður Afríka	South Africa	56,7	427	227	4.005	532
Tyrkland	Turkey	80,3	1.206	262	3.263	217
Brasíla	Brazil	209,3	2.279	528	2.521	232
Mexíkó	Mexico	123,4	1.285	279	2.257	217
Indland	India	1.339,2	2.631	1.269	947	482
<b>Samtals</b>	<b>Total</b>	<b>4.335</b>	<b>67.816</b>	<b>18.793</b>	<b>4.336</b>	<b>277</b>

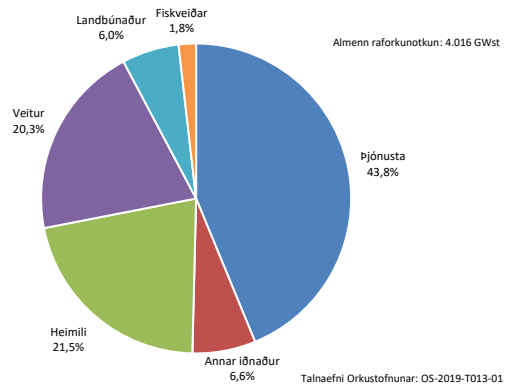
Raforkunotkun 2018



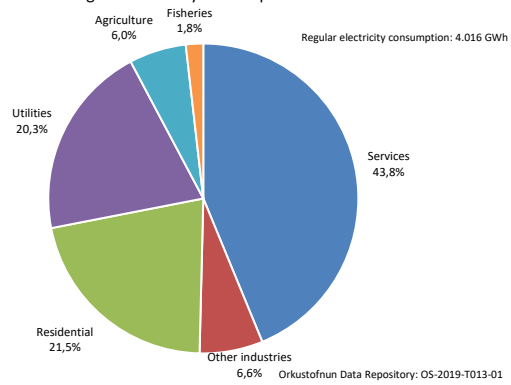
Electricity consumption 2018



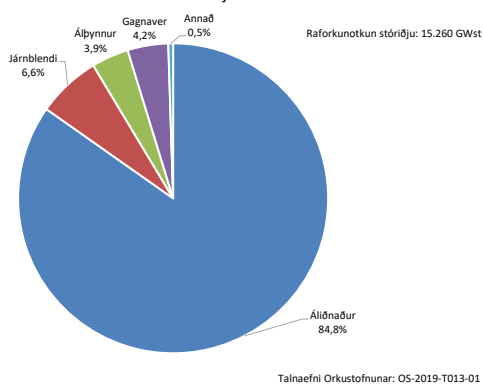
Almenn raforkunotkun 2018



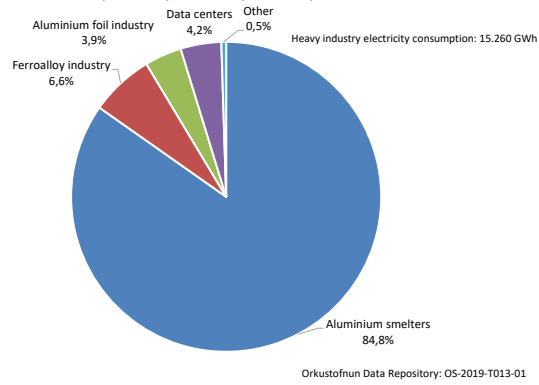
Regular electricity consumption 2018



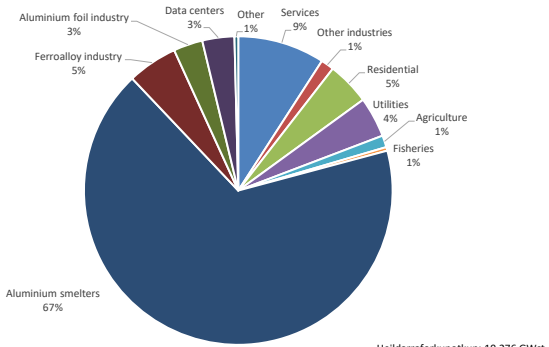
Raforkunotkun stóriðju 2018



Heavy industry electricity consumption 2018

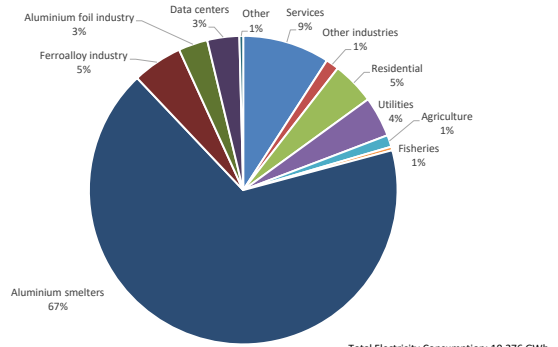


Heildarraforkunotkun 2018 eftir notkunarflokkum



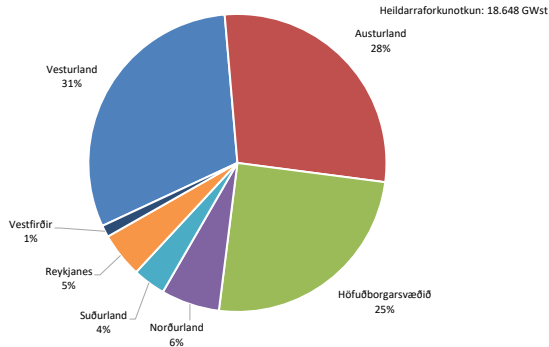
Heildarraforkunotkun: 19.276 GWst  
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Electricity consumption 2018 by Utilization Category



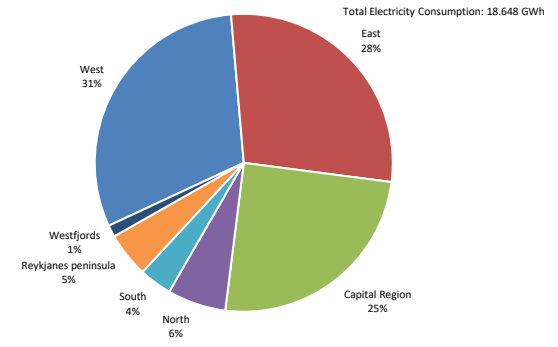
Total Electricity Consumption: 19.276 GWh  
Orkustofnun Data Repository: OS-2019-T013-01

Raforkunotkun 2018 eftir landshlutum



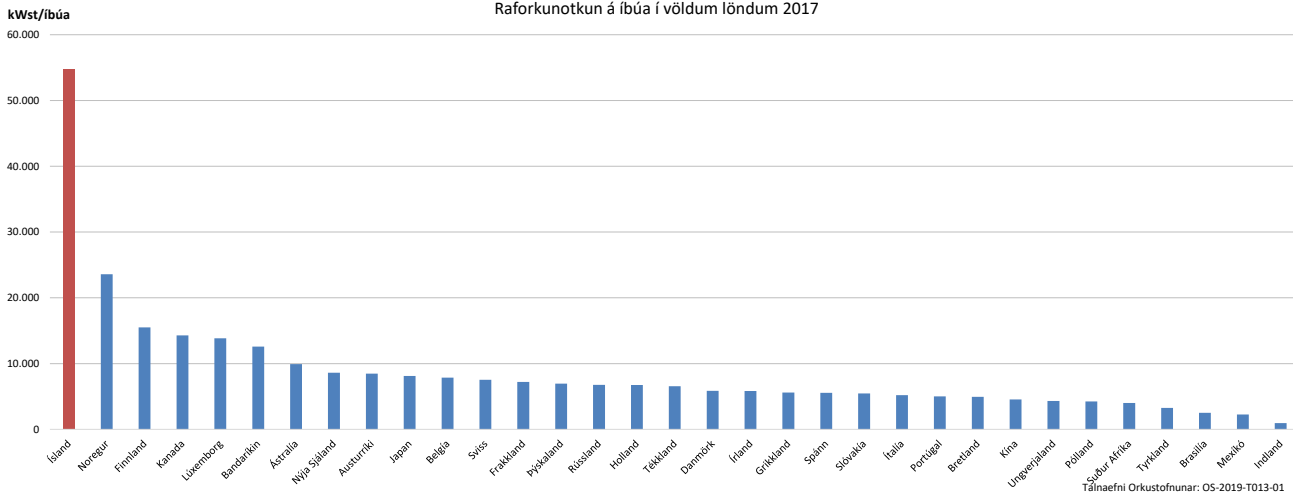
Heildarraforkunotkun: 18.648 GWst  
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Electricity Consumption 2018 by Region



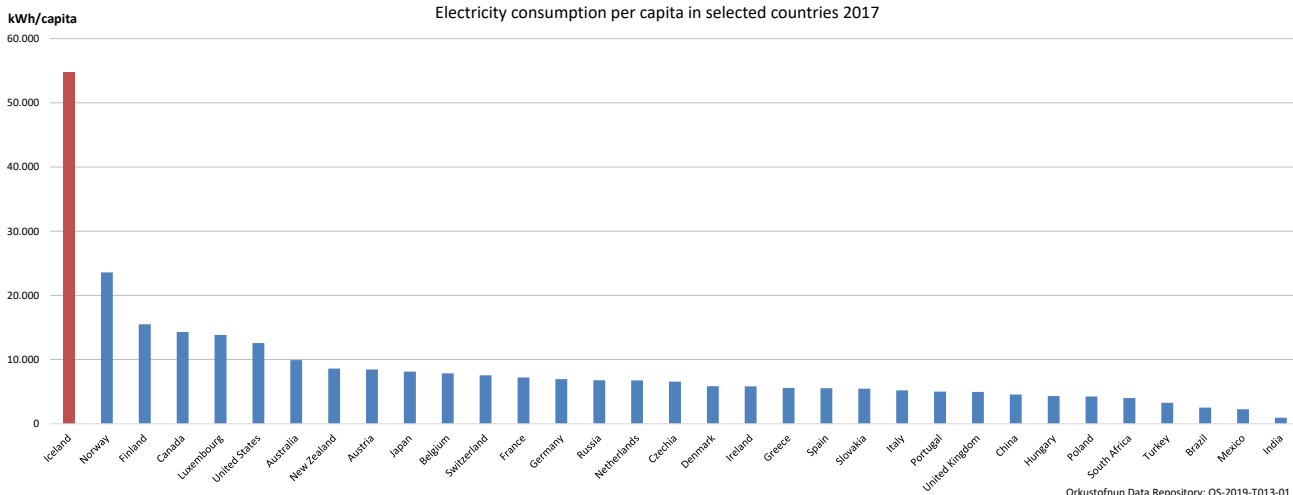
Total Electricity Consumption: 18.648 GWh  
Orkustofnun Data Repository: OS-2019-T013-01

Raforkunotkun á íbúa í völdum löndum 2017



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Electricity consumption per capita in selected countries 2017



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