

Overview of the results of the household CHR48 Family with 2 children, without work 0

Calculation Time
Freitag, 1. Januar 2016 - Sonntag, 1. Januar 2017

Energy Intensity: Random

Seed 3666

LoadProfileGenerator 5.8.0.16019

by Noah Pflugradt

<http://www.loadprofilegenerator.de>

Rendering date:16.12.2016 09:32:30

Table of Contents

Totals.....	3
Persons.....	5
Activity Frequency Charts.....	6
Activity Distribution per Person.....	9
Time Use per Person per Affordance Per Person.....	12
Energy use per person per affordance.....	19
Time Use per Person Per Affordance according to different category definitions.....	21
Overview of the actions of each member of the household.....	23
Overview of the time of the use per load type per device.....	26
Energy/Resource use distribution per load type per affordance.....	28
Energy use for each load type for each device.....	33
Duration curve for each device for each load type.....	37
Duration curve for each load type.....	39
Grouped energy use for each load type for each device.....	41
Example of the device profiles for each load type.....	45
Overview of the time and power of the use per load type per device.....	59
Energy use per load type during different seasons, split by weekday/saturday/sunday.....	61
Location Distribution per Person.....	63
Actions.csv.....	66
Sum Profiles.....	67
Time Profiles.....	71
Variables.....	72

Totals

Totals for each Loadtype

Load Type	Value	Unit
Cold Water	55161.68	L
Electricity	4456.46	kWh
Warm Water	102107.23	L

Totals for each Loadtype per Day

Load Type	Value	Unit
Cold Water	150.71	L
Electricity	12.18	kWh
Warm Water	278.98	L

Minimum and Maximum for each Loadtype

Household	Minimum	Maximum	Unit
Cold Water	0.00	15.00	L/Min
Electricity	0.16	10950.35	Watt
Warm Water	0.00	15.00	L/Min

Totals for each Loadtype per Person

Load Type	Value	Unit
Cold Water	13790.42	L
Electricity	1114.12	kWh

Warm Water	25526.81	L
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Totals for each Loadtype per Person per Day

Load Type	Value	Unit
Cold Water	37.68	L
Electricity	3.04	kWh
Warm Water	69.75	L

Persons

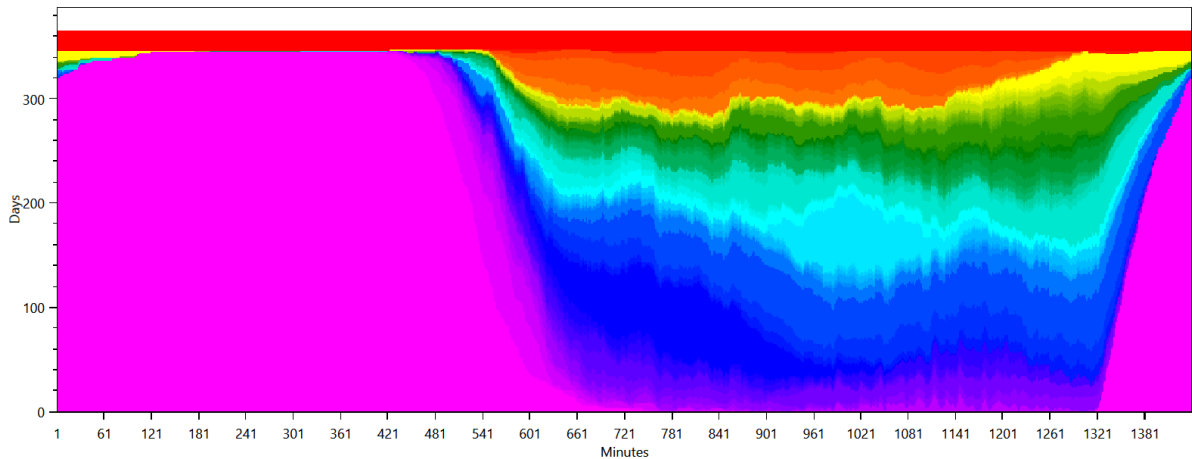
- HH0
 - CHR48 Lisa (51/Female)(51/Female)
 - CHR48 Maggie (13/Female)(13/Female)
 - CHR48 Martin (7/Male)(7/Male)
 - CHR48 Stefan (51/Male)(51/Male)

Activity Frequency Charts

This is made from the files starting with: ActivityFrequenciesPerMinute

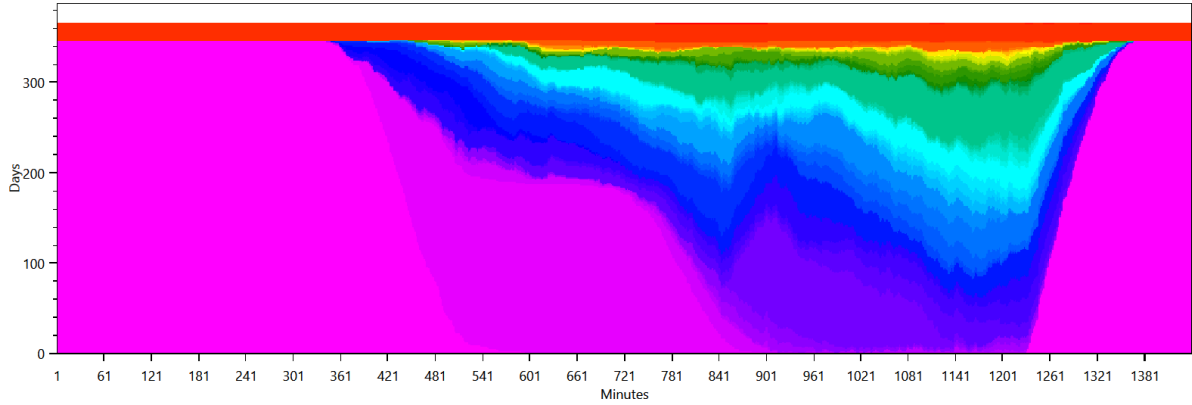
These charts show an ordered distribution of times of the activities of each person. This helps with judging quickly if a person is sleeping correctly and if they are going to work regularly.

HH0 - CHR48 Lisa (51 Female)



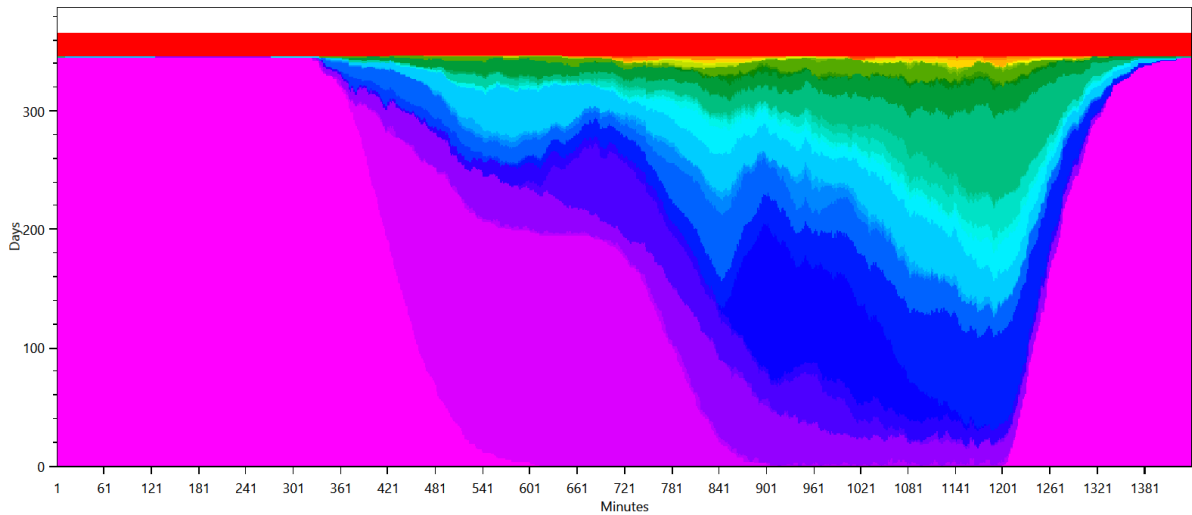
- sleep bed 02 (10 h)
- eat small breakfast (25min) interrupting subaff, no alarm
- get ready in the morning (women)
- go to the toilet
- do laundry at 30°C (by variable)
- play board games (1 h)
- take a shower without hair washing (women)
- run the dryer with wet laundry (by variable)
- rest for 10 min
- clean the bath
- bake a cake
- go shopping (4 h)
- play a puzzle game
- play Wii
- read a book on the couch only 9:00 to 22:00
- eat a cooked meal (interrupting) (make frozen pizza and eat it)
- watch sports on TV with SAT Receiver (2 h)
- run the dishwasher (triggered)
- take a shower with hair washing (women) (20 min hair drying)
- paint a picture
- watch a movie for 1 h 30 min with home cinema system
- take nap on the weekend (2 h)
- use the laptop (1.5 h)
- vacuum the household
- read a book on the couch all the time
- use the laptop (1 h)
- heat up leftovers
- do laundry at 60°C (by variable)
- join watching a movie in the home cinema (watch a movie for 2 h with home cinema system)
- listen to music on compact hifi (2 h)
- watch a movie for 2 h
- watch TV (1 h)
- take a shower with hair washing (women) (5 min hair drying)
- watch the news
- make frozen pizza and eat it
- use the laptop for Internet, Movie, Music, News (2 h)
- make soup
- watch a movie for 1 h 30 min
- join watching a movie in the home cinema (watch a movie for 1 h 30 min with home cinema system)
- fry two eggs and eat them with toast
- cook pasta and eat it
- watch a movie for 2 h with home cinema system
- join Wii gaming (play Wii)
- take a shower with electric air heater
- go to a bar (4 h)
- eat a cooked meal (interrupting) (make soup)
- make and drink tea (15 min)
- read a newspaper for 30min
- take a nap
- eat a cooked meal (interrupting) (heat up leftovers)
- relax in the garden 2
- do garden work every day
- relax in the garden
- eat a cooked meal (interrupting) (cook pasta and eat it)
- read a magazine
- taking a vacation

HH0 - CHR48 Maggie (13 Female)



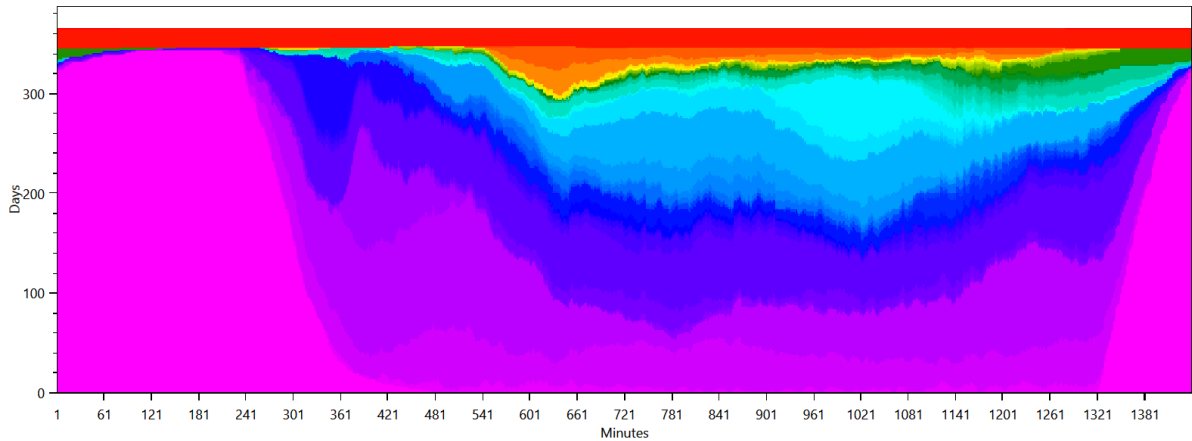
- sleep bed 03 (10 h) Child
- go to grammer school
- take a shower with hair washing (women) (20 min hair drying)
- go to the toilet
- make frozen pizza and eat it
- watch TV with someone (watch a movie for 2 h with home cinema system)
- study at home
- use the laptop (1.5 h)
- play with toys (2 h)
- watch a movie for 1 h 30 min with home cinema system
- get ready in the morning (children)
- eat small breakfast (25min) interrupting subaff, no alarm
- watch a movie for 2 h with home cinema system
- take a shower without hair washing (women)
- play board games (1 h)
- use the laptop (1 h)
- read a book on the couch all the time
- take nap on the weekend (2 h)
- take a shower with hair washing (women) (5 min hair drying)
- play with toys (1.5 h)
- read a book (1 h)
- play Wii
- use the laptop for Internet, Movie, Music, News (2 h)
- heat up leftovers
- paint a picture
- watch TV with someone (watch sports on TV with SAT Reciever (2 h))
- play a puzzle game
- read a book on the couch only 9:00 to 22:00
- watch TV with someone (watch a movie for 2 h)
- make soup
- watch TV with someone (watch a movie for 1 h 30 min)
- join Wii gaming (play Wii)
- play together with toys (play with toys (1.5 h))
- watch TV with someone (watch the news)
- play with toys 30min
- listen to music on compact hifi (2 h)
- watch TV with someone (watch a movie for 1 h 30 min with home cinema system)
- eat a cooked meal (interrupting) (heat up leftovers)
- play with toys (1 h)
- play together with toys (play with toys (1 h))
- watch TV with someone (watch TV (1 h))
- watch sports on TV with SAT Reciever (2 h)
- join watching a movie in the home cinema (watch a movie for 2 h with home cinema system)
- play together with toys (play with toys 30min)
- eat a cooked meal (interrupting) (make frozen pizza and eat it)
- play together with toys (play with toys (2 h))
- eat a cooked meal (interrupting) (make soup)
- make and drink tea (15 min)
- watch TV (1 h)
- take a nap
- read a magazine
- relax in the garden 2
- join watching a movie in the home cinema (watch a movie for 1 h 30 min with home cinema system)
- relax in the garden 2
- eat a cooked meal (interrupting) (cook pasta and eat it)
- watch a movie for 2 h

HH0 - CHR48 Martin (7 Male)



- sleep bed 04 (10 h) Child After Dark
- go to primary school
- go to the toilet
- watch a movie for 2 h with home cinema system
- eat a cooked meal (interrupting) (make frozen pizza and eat it)
- take a nap
- play with toys (1.5 h)
- study at home
- read a book on the couch only 9:00 to 22:00
- get ready in the morning (children)
- watch a movie for 1 h 30 min with home cinema system
- play board games (1 h)
- play with toys 30min
- read a book on the couch all the time
- play with wooden toys (1 h)
- watch TV (1 h)
- play Wii
- read a book (1 h)
- play with wooden toys (2 h)
- join watching a movie in the home cinema (watch a movie for 1 h 30 min with home cinema system)
- play with toys (2 h)
- eat a cooked meal (interrupting) (heat up leftovers)
- eat a cooked meal (interrupting) (make soup)
- join Wii gaming (play Wii)
- play with toys (1 h)
- eat a cooked meal (interrupting) (cook pasta and eat it)
- play together with toys (play with toys (1 h))
- watch a movie for 1 h 30 min
- play together with toys (play with toys (2 h))
- play together with toys (play with toys (1.5 h))
- watch a movie for 2 h
- watch TV with someone (watch a movie for 1 h 30 min)
- join watching a movie in the home cinema (watch a movie for 2 h with home cinema system)
- play together with toys (play with toys 30min)
- watch TV with someone (watch TV (1 h))
- taking a vacation

HH0 - CHR48 Stefan (51 Male)



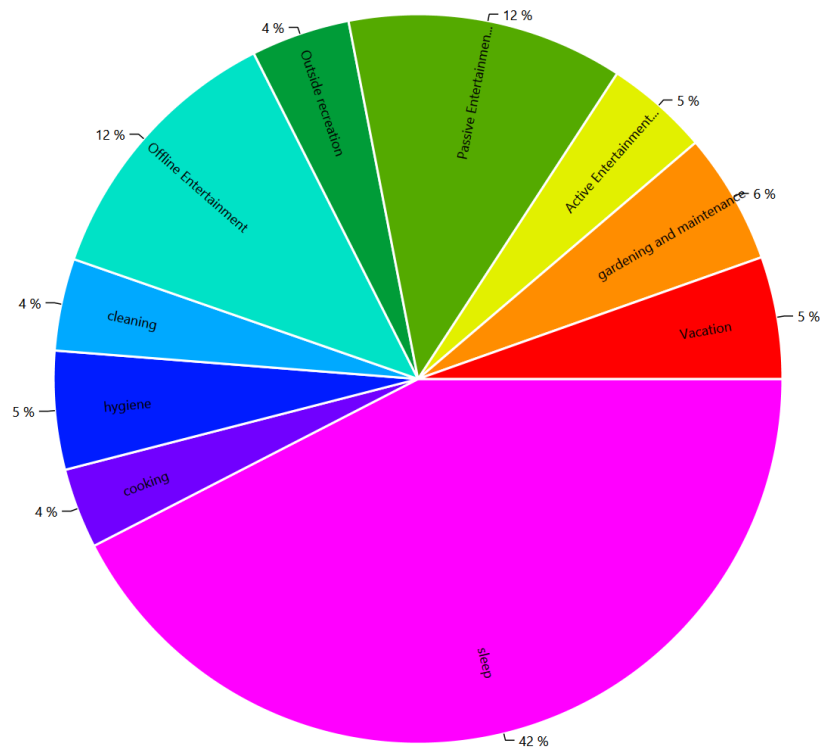
- sleep bed 01 (06 h)
- eat small breakfast (25min) interrupting subaff, no alarm
- play board games (1 h)
- play a puzzle game
- go shopping for food in the supermarket (1.5 h)
- take nap on the weekend (2 h)
- watch a movie for 1 h 30 min with home cinema system
- join watching a movie in the home cinema (watch a movie for 2 h with home cinema system)
- join watching a movie in the home cinema (watch a movie for 1 h 30 min with home cinema system)
- watch TV with someone (watch TV (1 h))
- watch TV (1 h)
- read a newspaper for 30min
- read a magazine
- eat a cooked meal (interrupting) (make soup)
- eat a cooked meal (interrupting) (cook pasta and eat it)
- taking a vacation
- rest for 10 min
- use the laptop (1 h)
- use the laptop for Internet, Movie, Music, News (2 h)
- go to the toilet
- play Wii
- go to a bar (4 h)
- watch TV with someone (watch sports on TV with SAT Receiver (2 h))
- watch TV with someone (watch the news)
- watch TV with someone (watch a movie for 1 h 30 min)
- watch TV with someone (watch a movie for 2 h)
- watch TV with someone (watch a movie for 1 h 30 min)
- watch TV with someone (watch a movie for 2 h)
- eat a cooked meal (interrupting) (make frozen pizza and eat it)
- joining a trip to a bar for 4h (go to a bar (4 h))
- go to the toilet
- play Wii
- use the laptop (1.5 h)
- watch a movie for 2 h with home cinema system
- use the laptop (1.5 h)
- watch a movie for 2 h with home cinema system
- read a book on the couch all the time
- make frozen pizza and eat it
- read a book on the couch only 9:00 to 22:00
- cook pasta and eat it
- meet friends in a cafe
- make soup
- fry two eggs and eat them with toast
- listen to music on compact hifi (2 h)
- heat up leftovers
- watch sports on TV with SAT Receiver (2 h)
- eat a cooked meal (interrupting) (heat up leftovers)
- join Wii gaming (play Wii)
- make and drink tea (15 min)
- relax in the garden
- read a book (1 h)
- eat a cooked meal (interrupting) (make frozen pizza and eat it)

Activity Distribution per Person

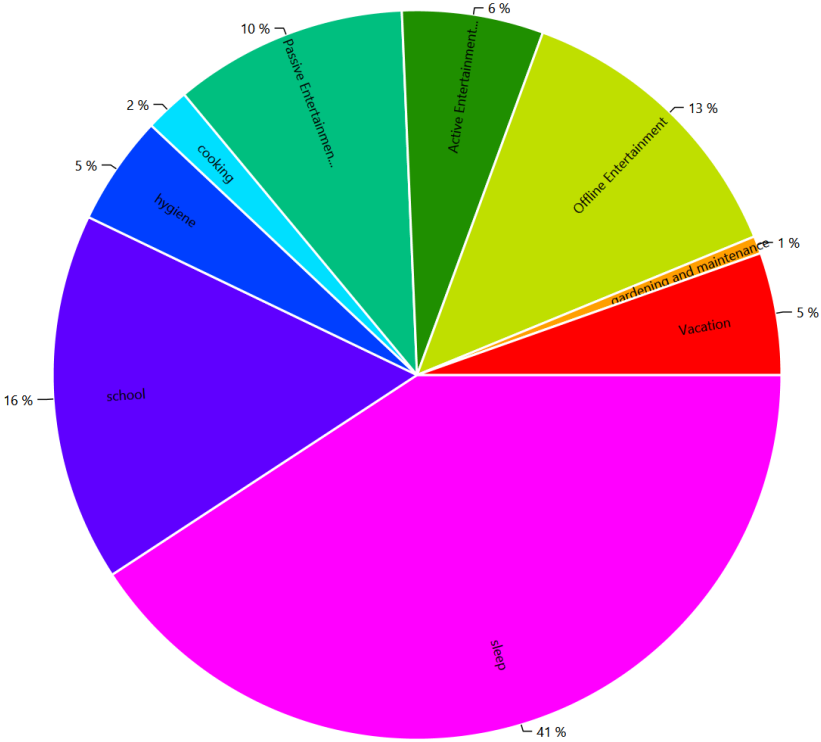
This is made from the files starting with: ActivityPercentage

This shows the distribution of the activities, grouped by the affordance AffordanceToCategories.

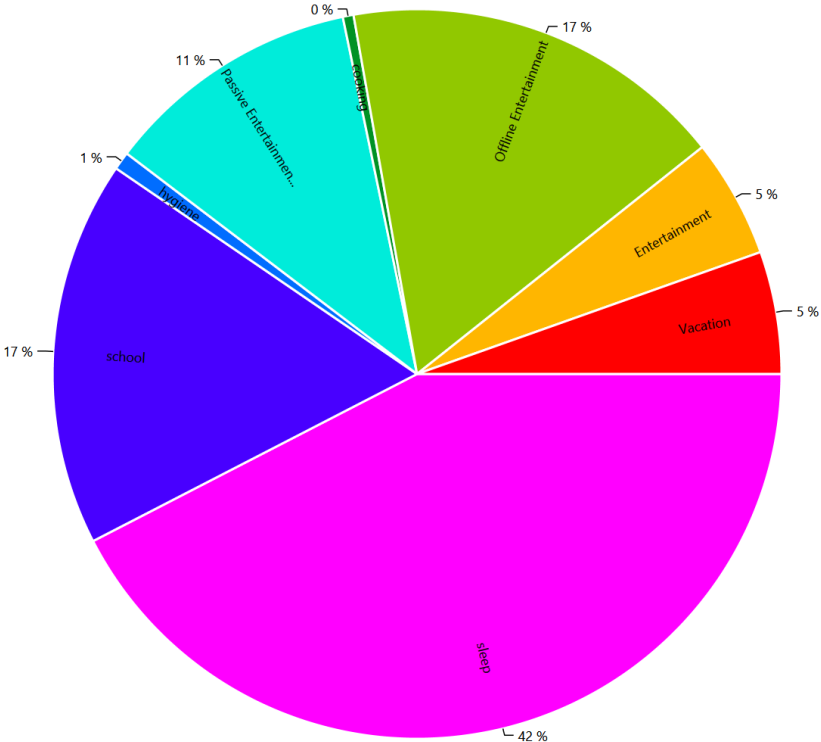
HH0 - CHR48 Lisa (51 Female)



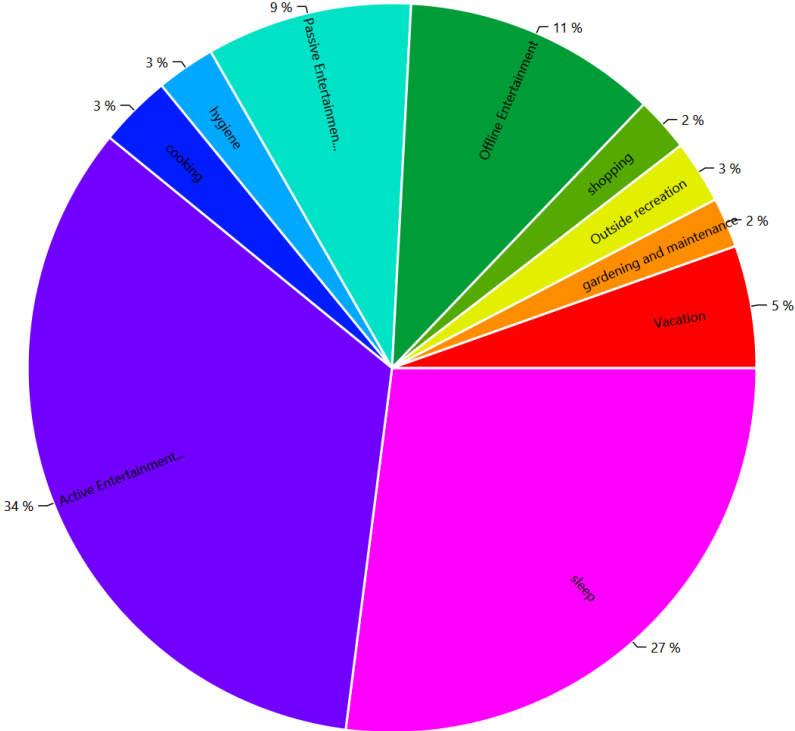
HH0 - CHR48 Maggie (13 Female)



HH0 - CHR48 Martin (7 Male)



HH0 - CHR48 Stefan (51 Male)

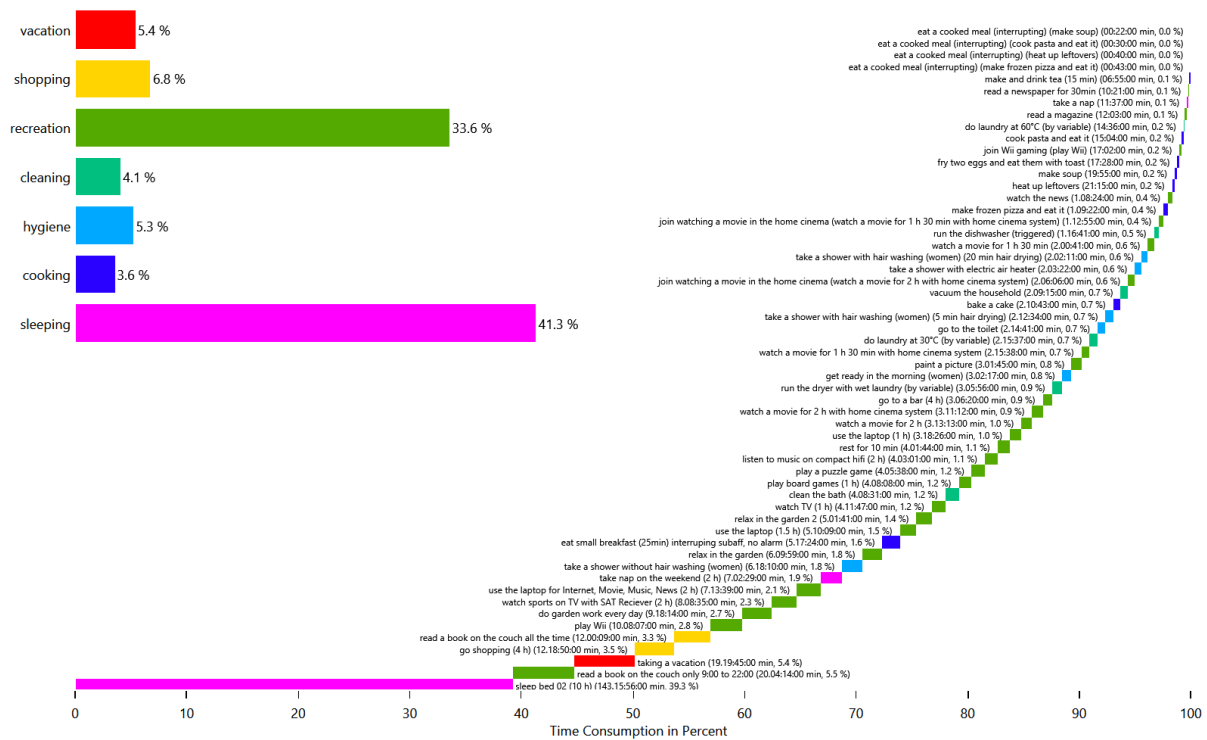


Time Use per Person per Affordance Per Person

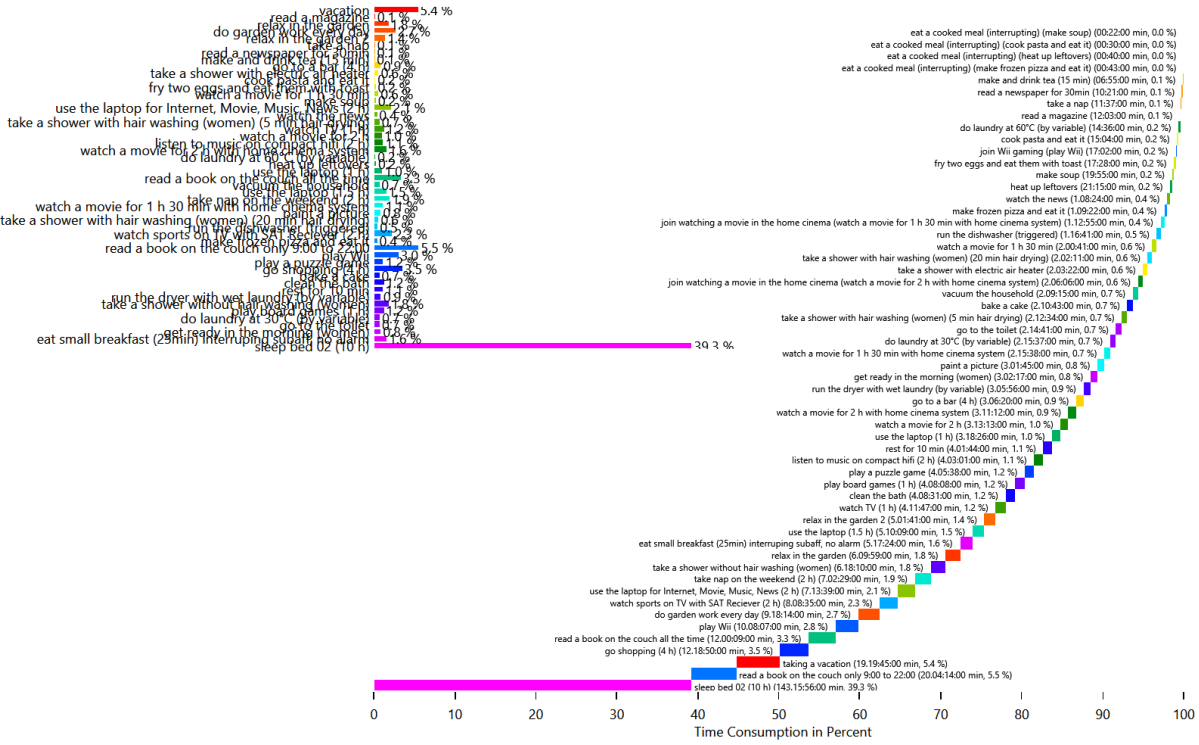
This is made from the files starting with: AffordanceTimeUse

These charts show how the people in the household use their time. This shows the individual affordances to help find problems in the household definition.

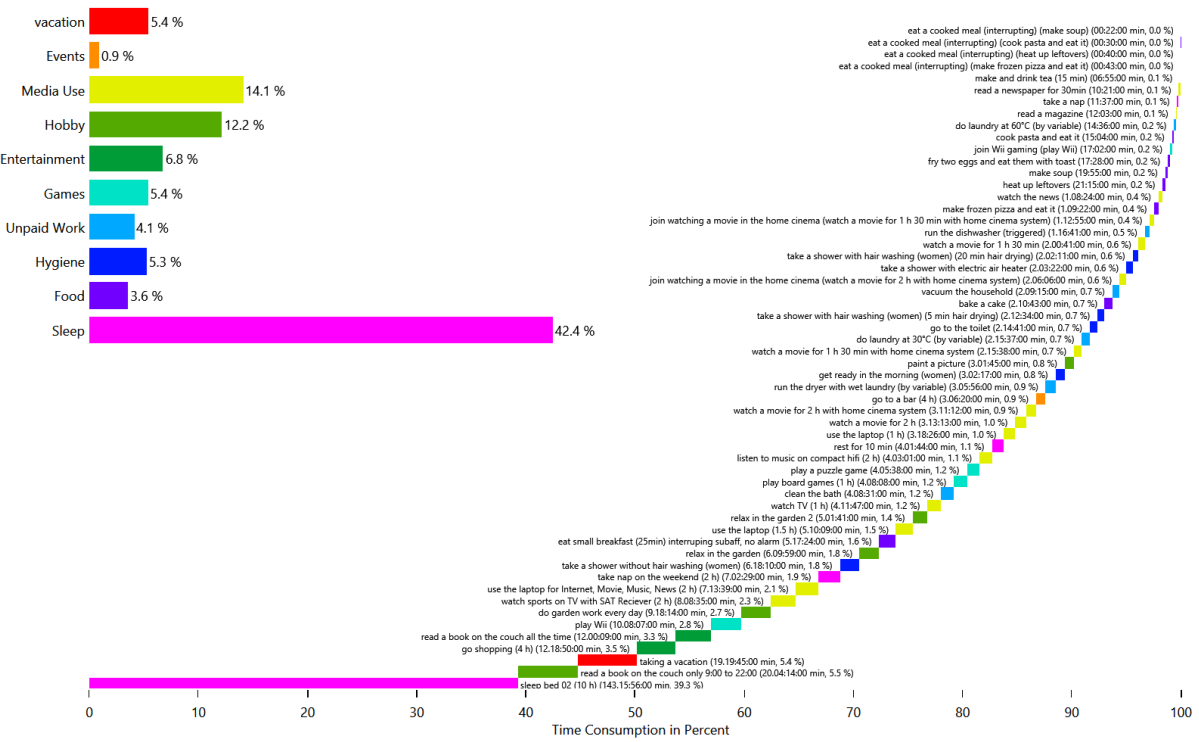
HH0 - CHR48 Lisa (51 Female)



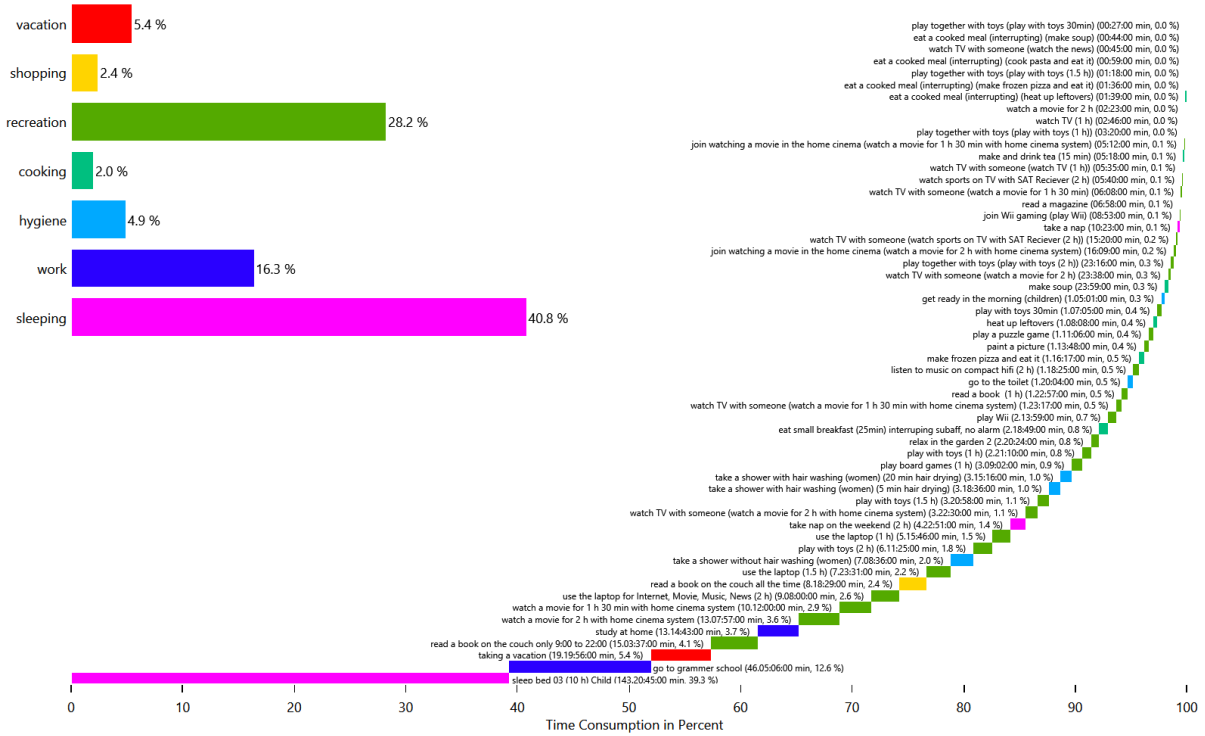
HH0 - CHR48 Lisa (51 Female)



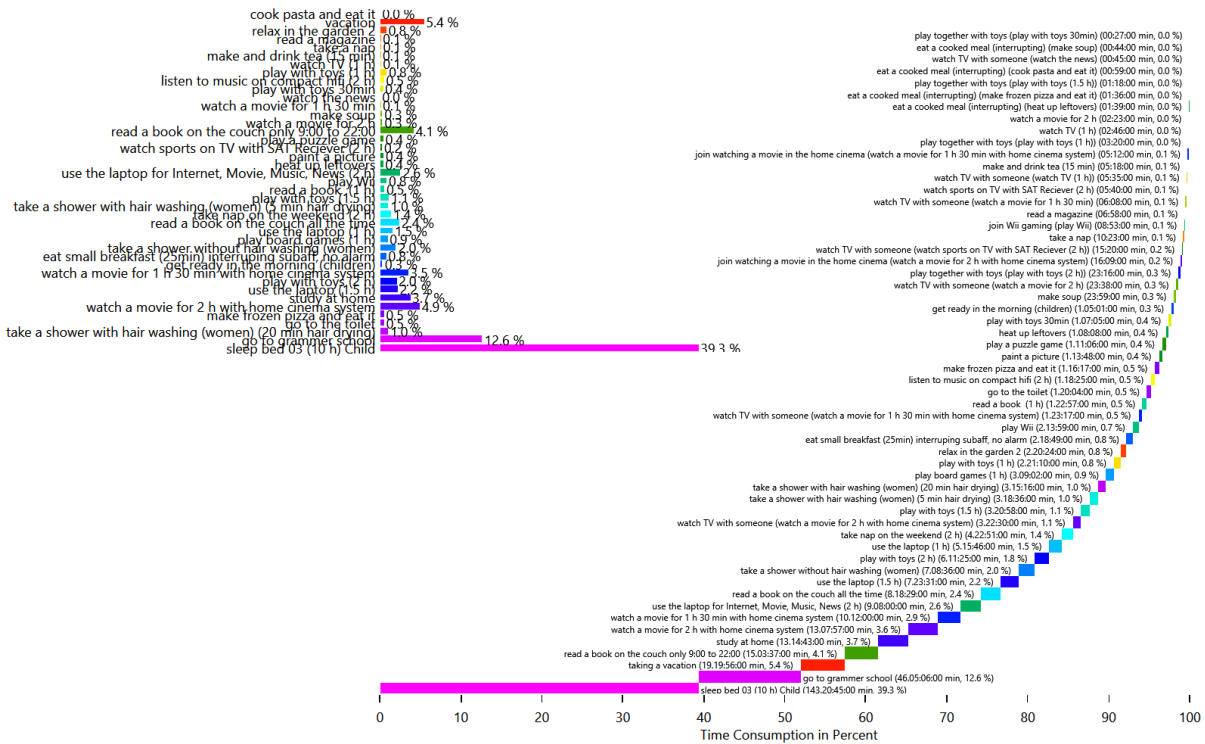
HH0 - CHR48 Lisa (51 Female)



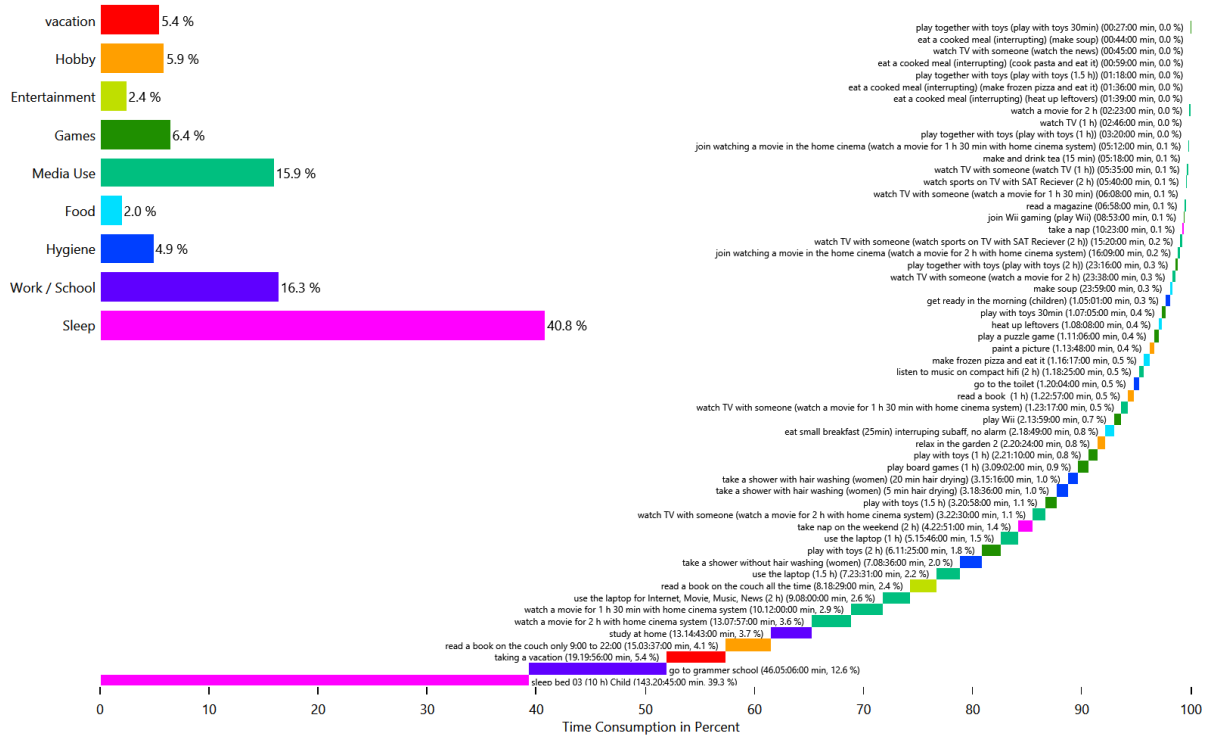
HH0 - CHR48 Maggie (13 Female)



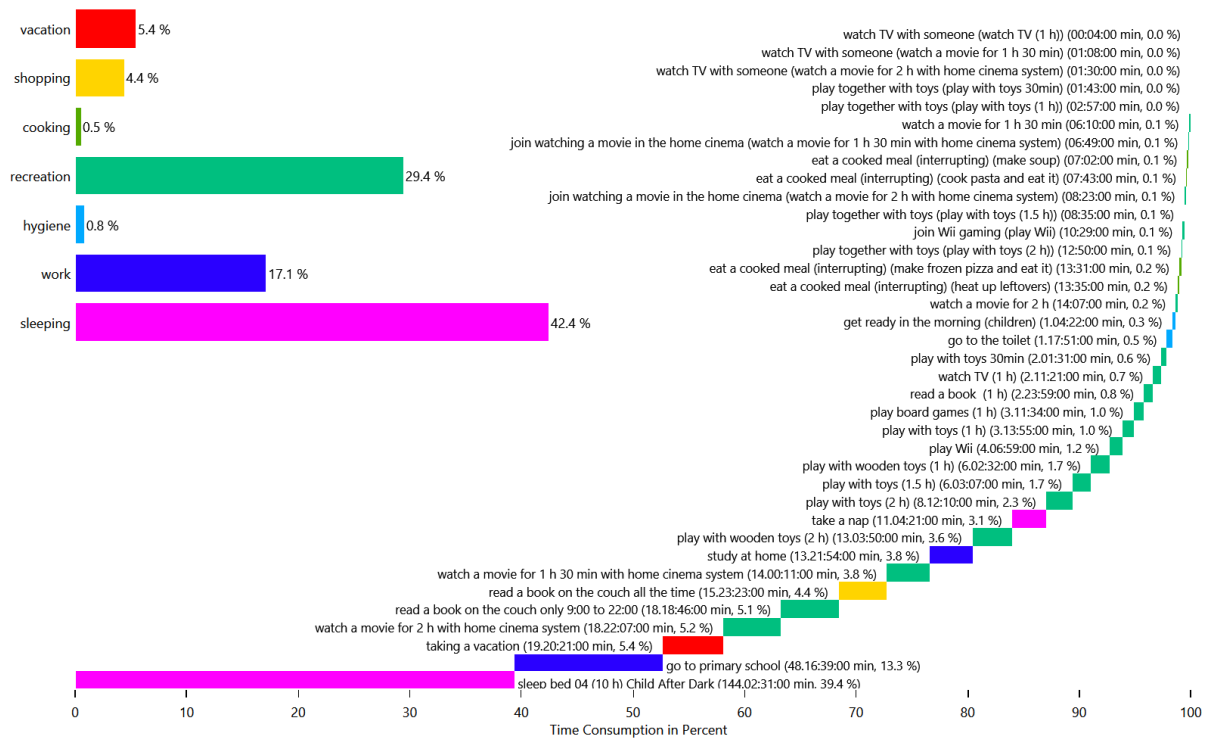
HH0 - CHR48 Maggie (13 Female)



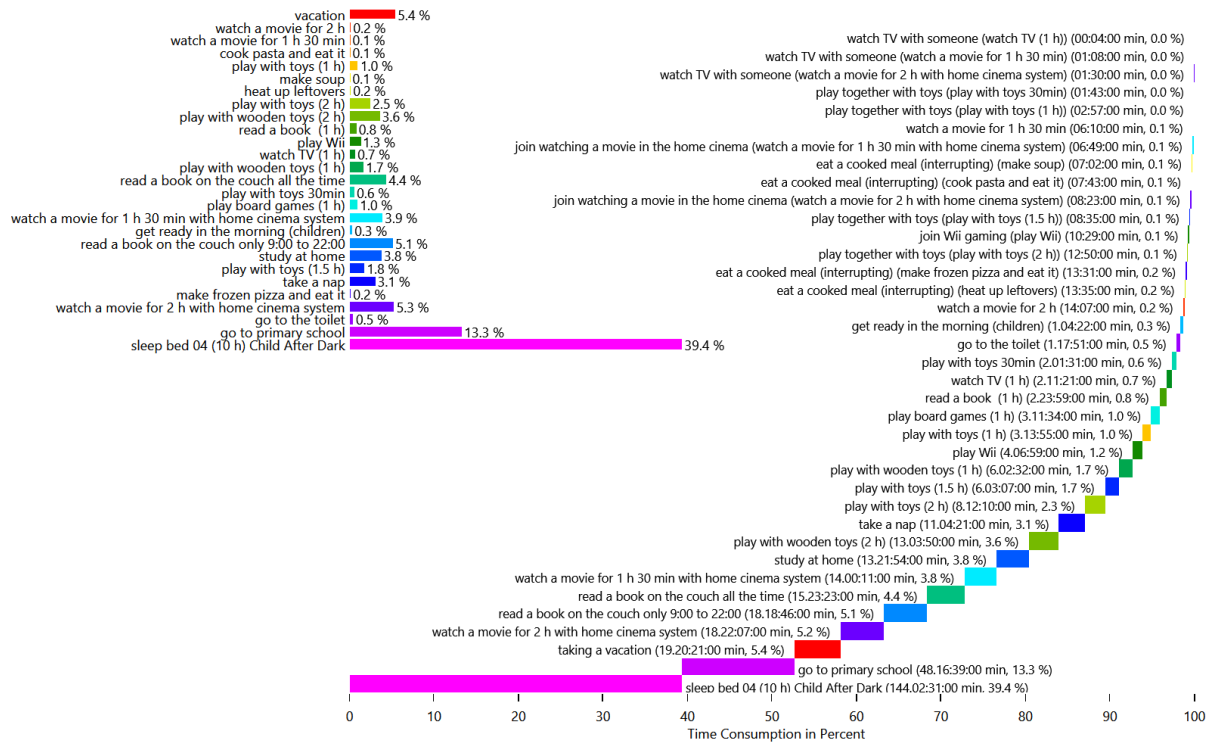
HH0 - CHR48 Maggie (13 Female)



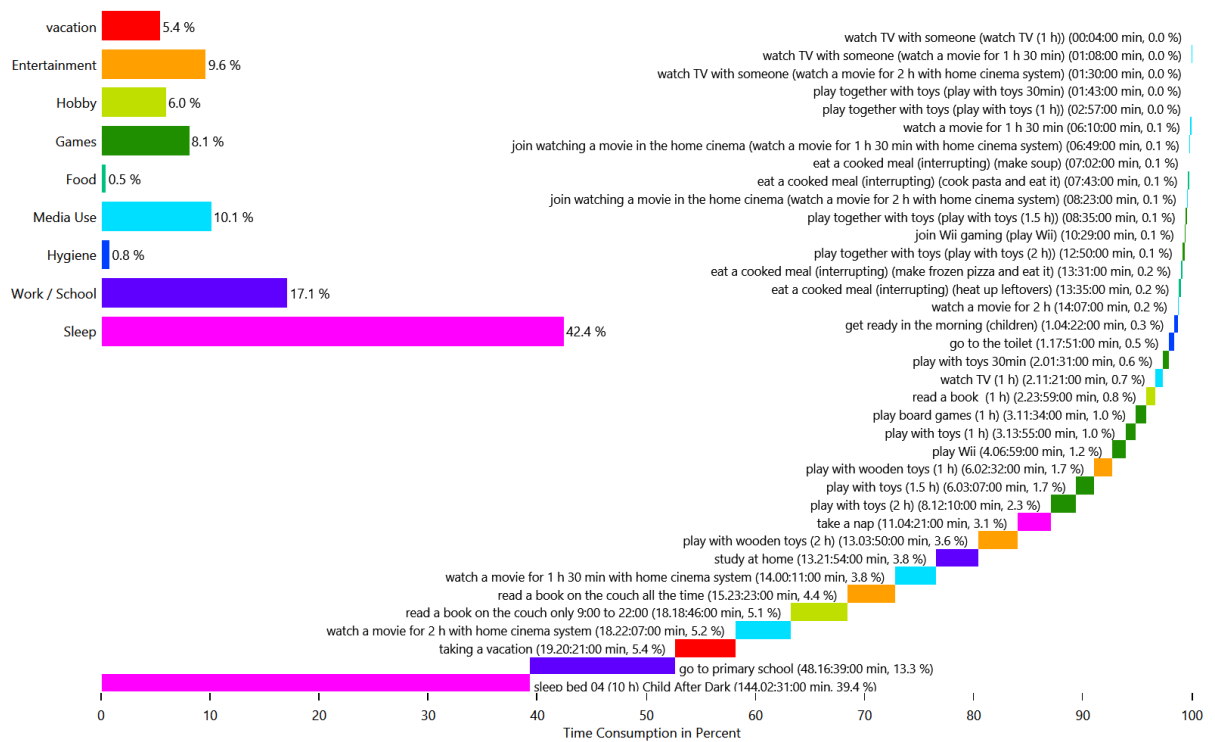
HH0 - CHR48 Martin (7 Male)



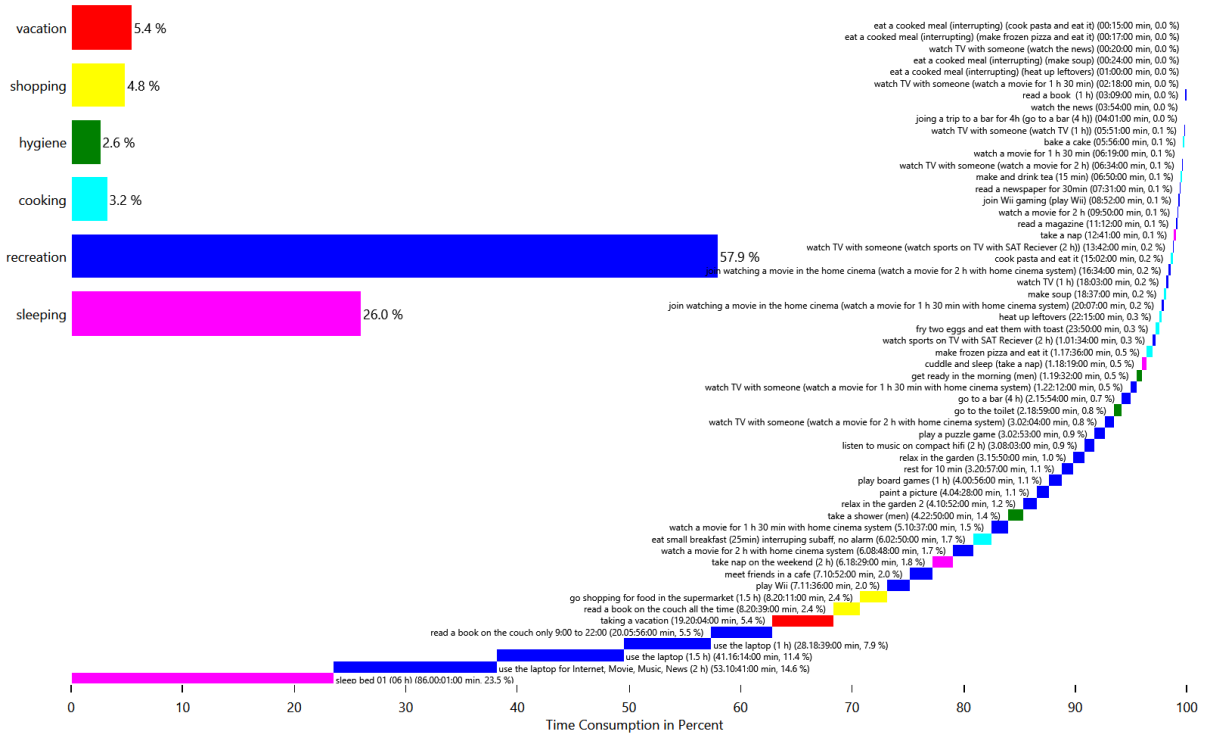
HH0 - CHR48 Martin (7 Male)



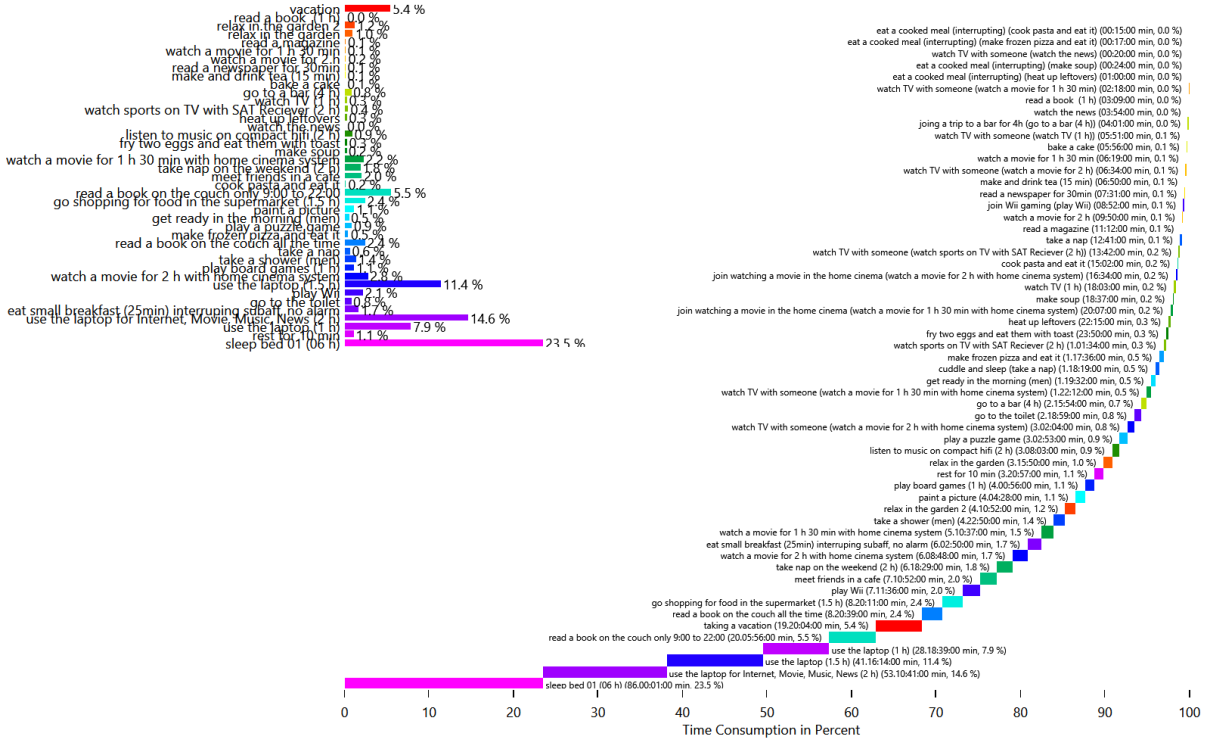
HH0 - CHR48 Martin (7 Male)



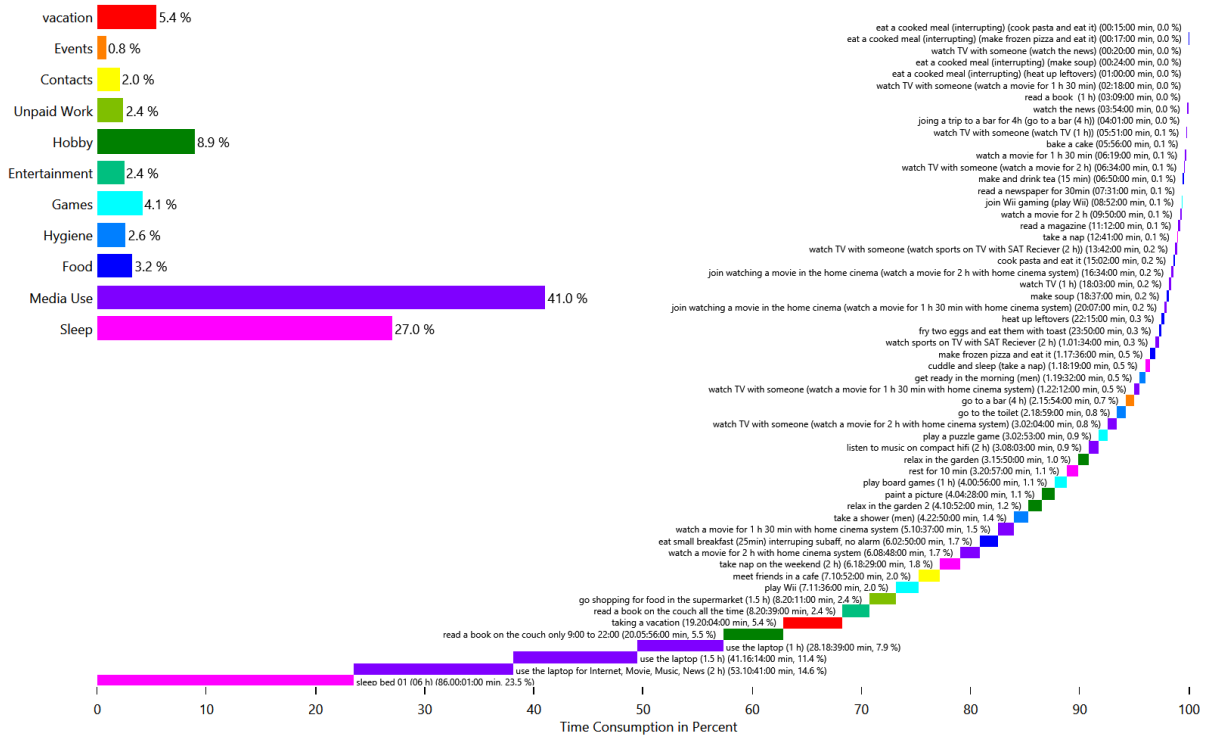
HH0 - CHR48 Stefan (51 Male)



HH0 - CHR48 Stefan (51 Male)



HH0 - CHR48 Stefan (51 Male)

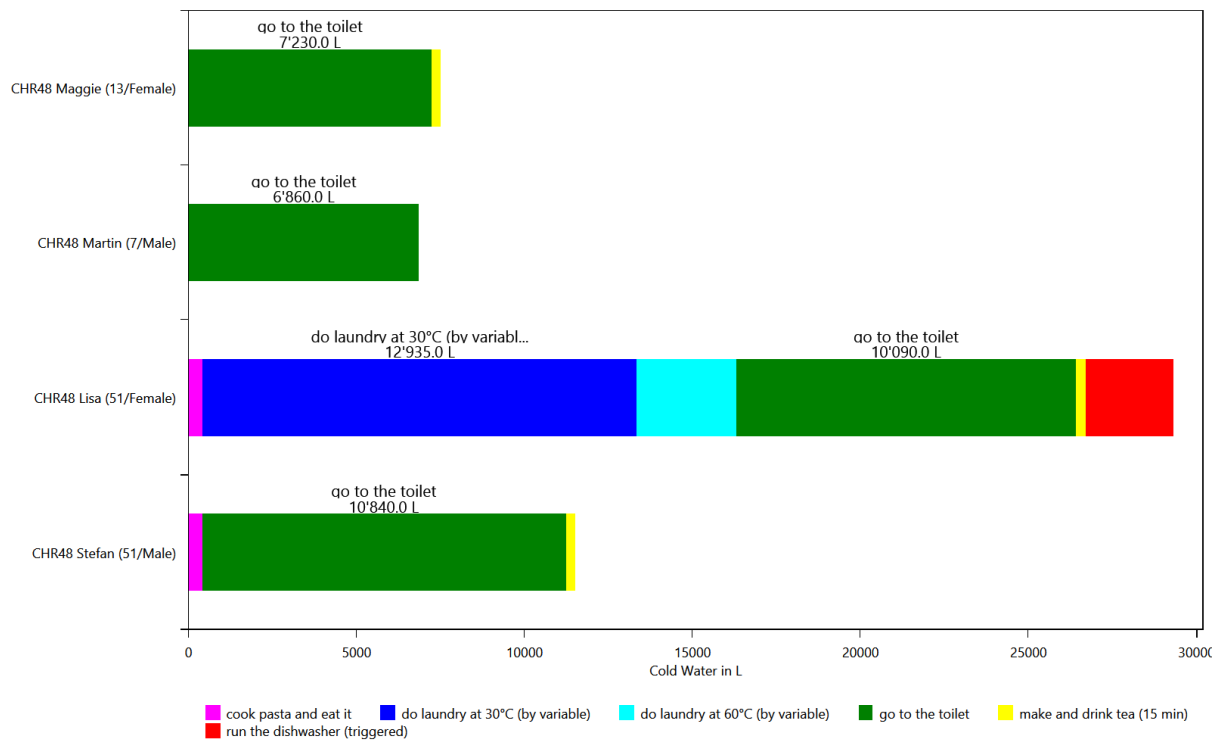


Energy use per person per affordance

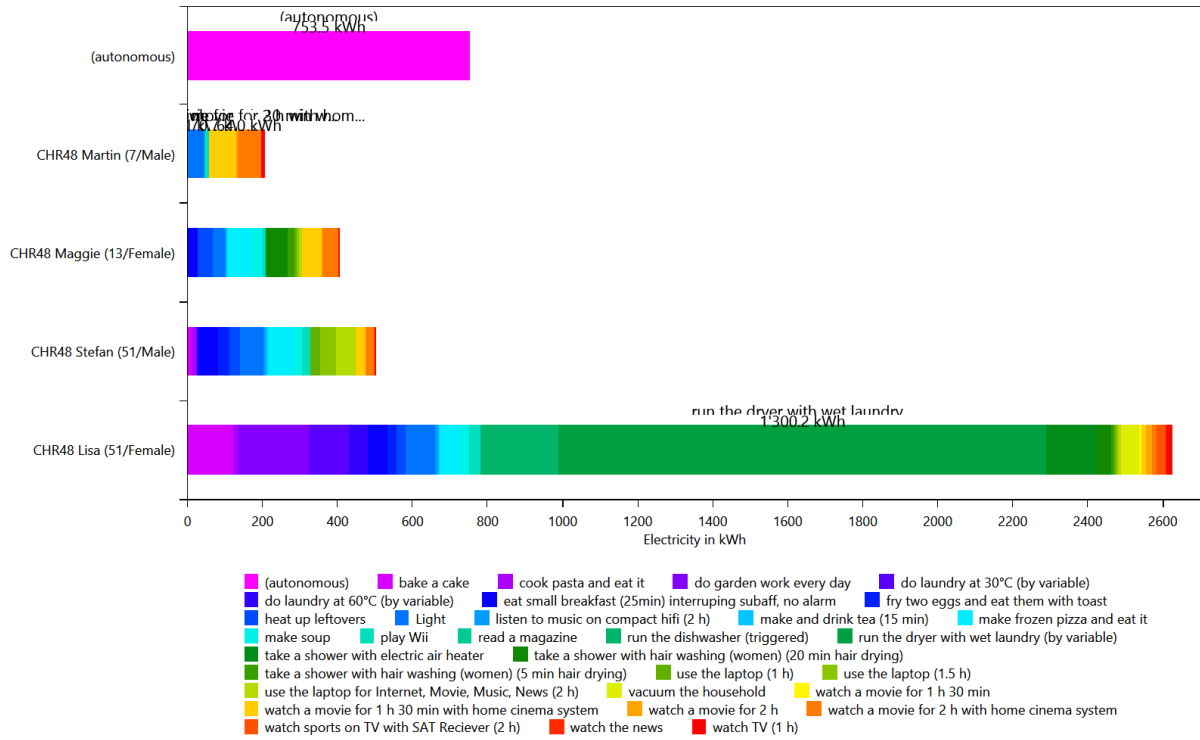
This is made from the files starting with: `AffordanceEnergyUsePerPerson`

This shows the distribution of the energy/ressource use to each affordance by load type and by person. This helps with figuring out if a person is using too much electricity.

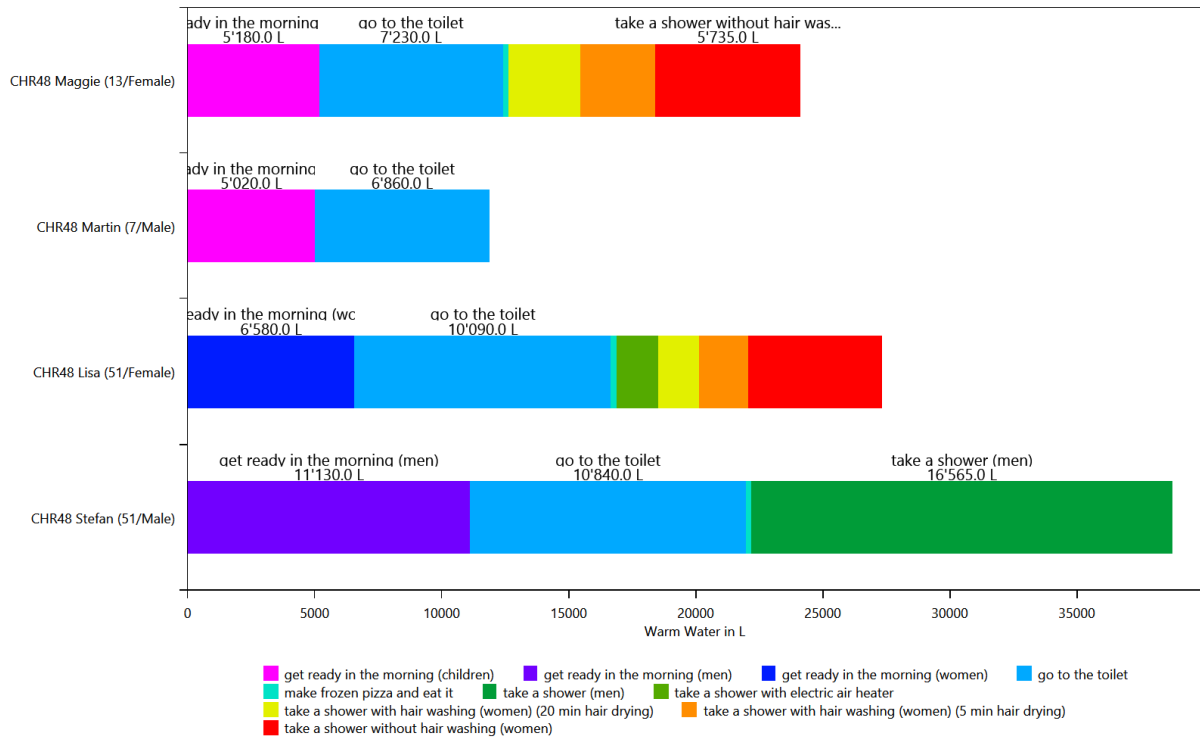
HH0 - Cold Water



HH0 - Electricity



HH0 - Warm Water

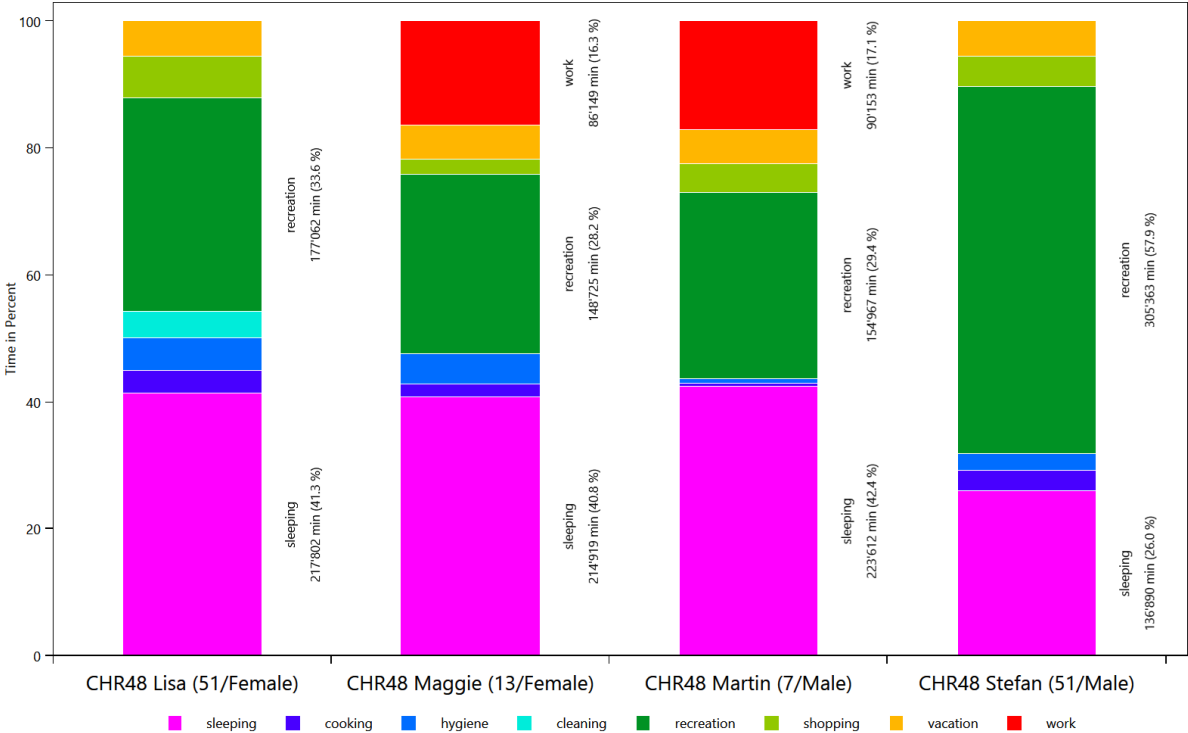


Time Use per Person Per Affordance according to different category definitions

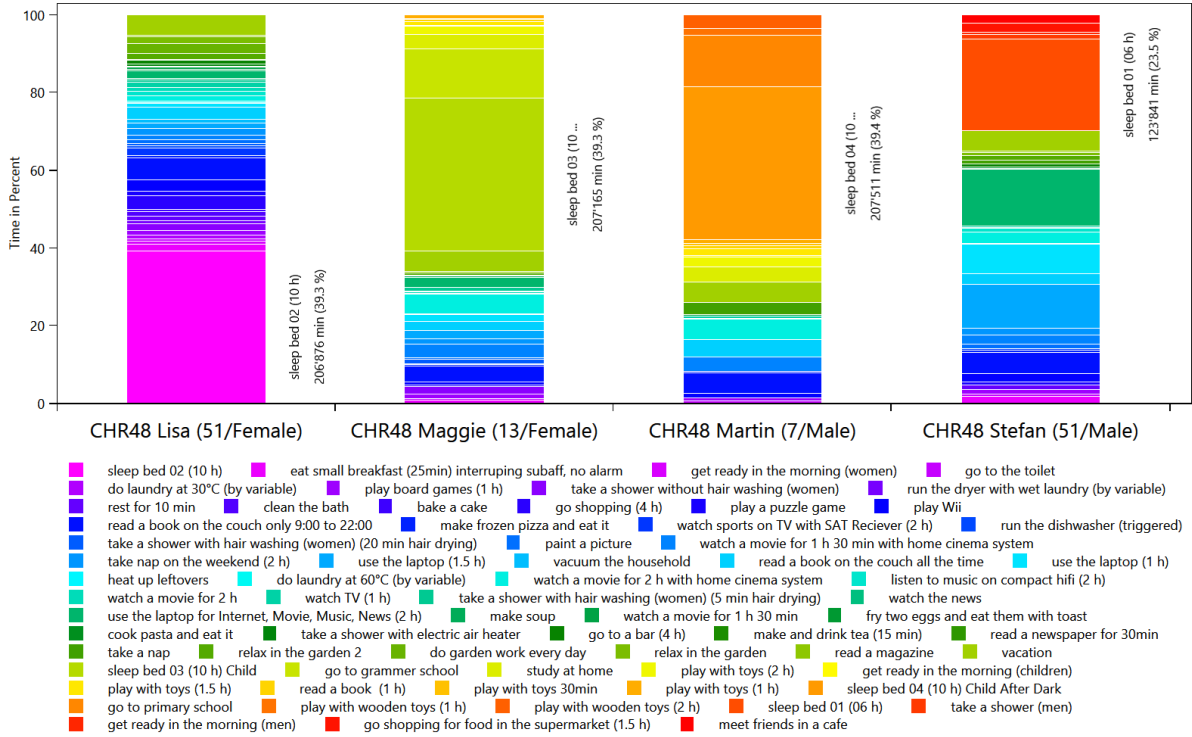
This is made from the files starting with: AffordanceTaggingSet

These charts show how the people in the household use their time. To help with analysis, the activities can be grouped by various criteria. This is done with the affordance tagging sets in the LPG.

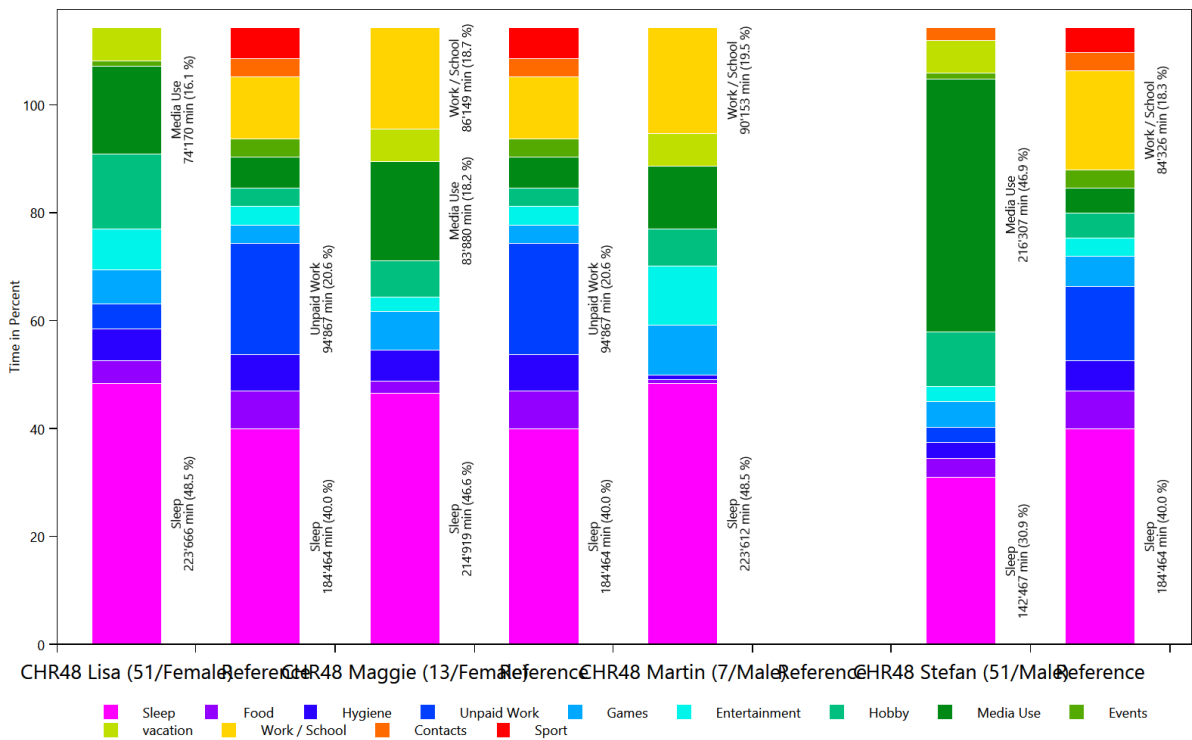
Basic Tagging - HH0



Tagging Set For Planning - HH0



Wo bleibt die Zeit - HH0

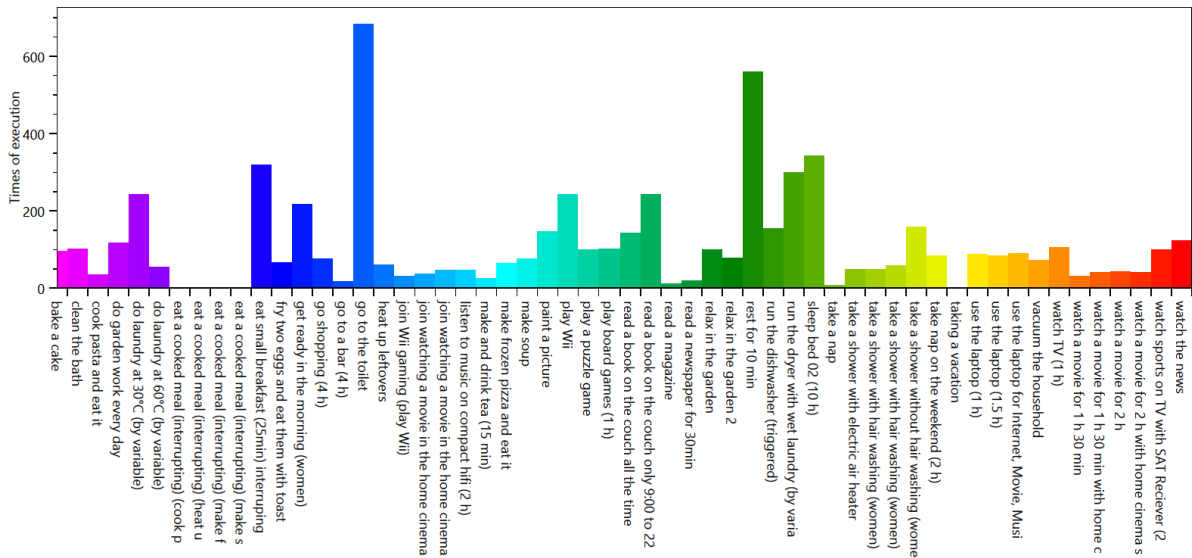


Overview of the actions of each member of the household

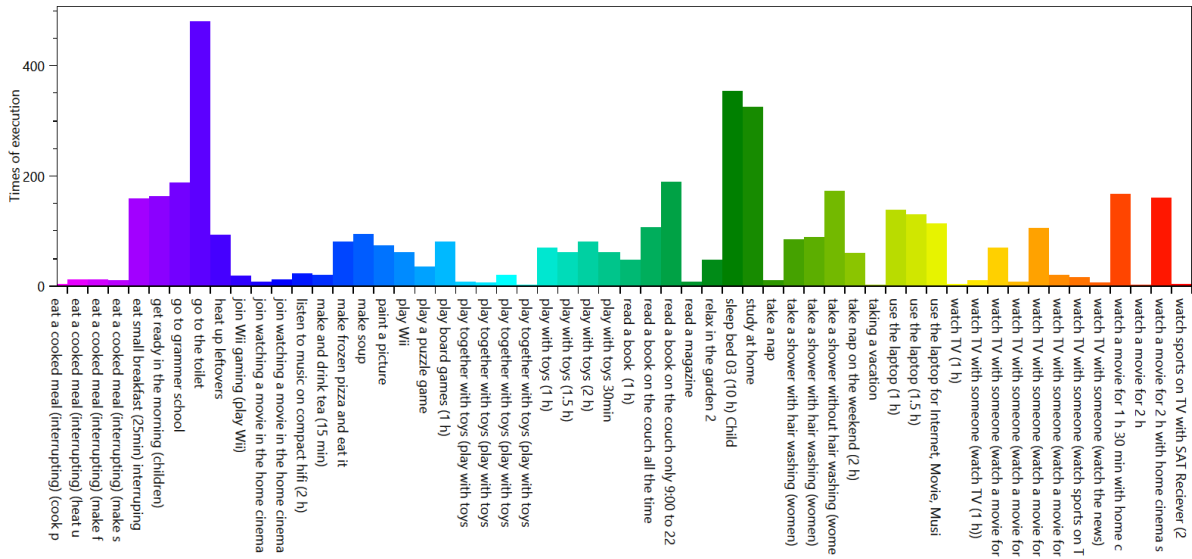
This is made from the files starting with: ExecutedActionsOverviewCount

These charts show how often each affordance was executed.

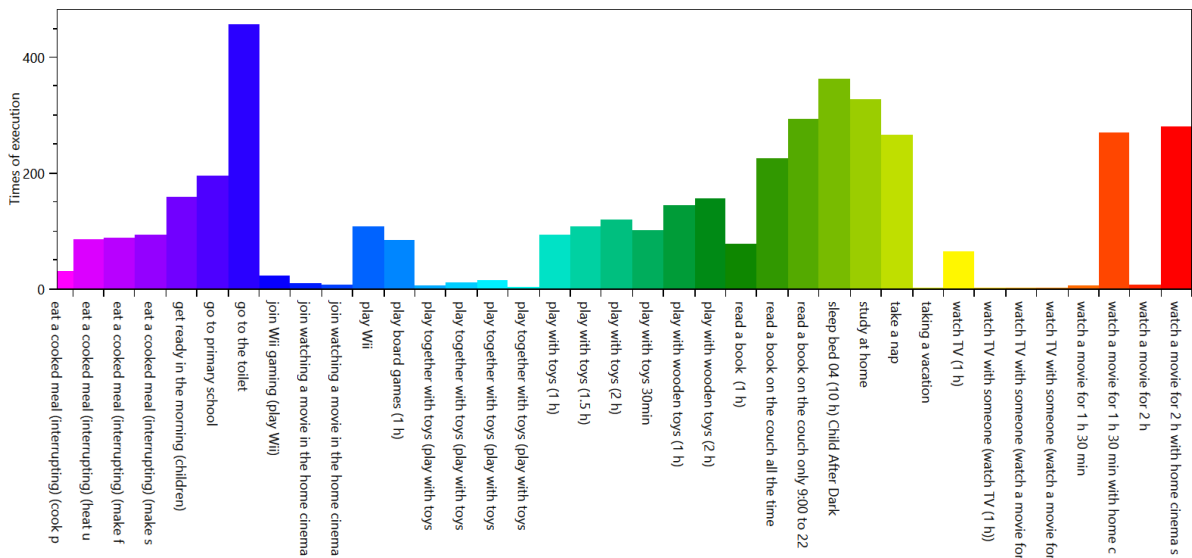
HH0 - CHR48 Lisa (51 Female)



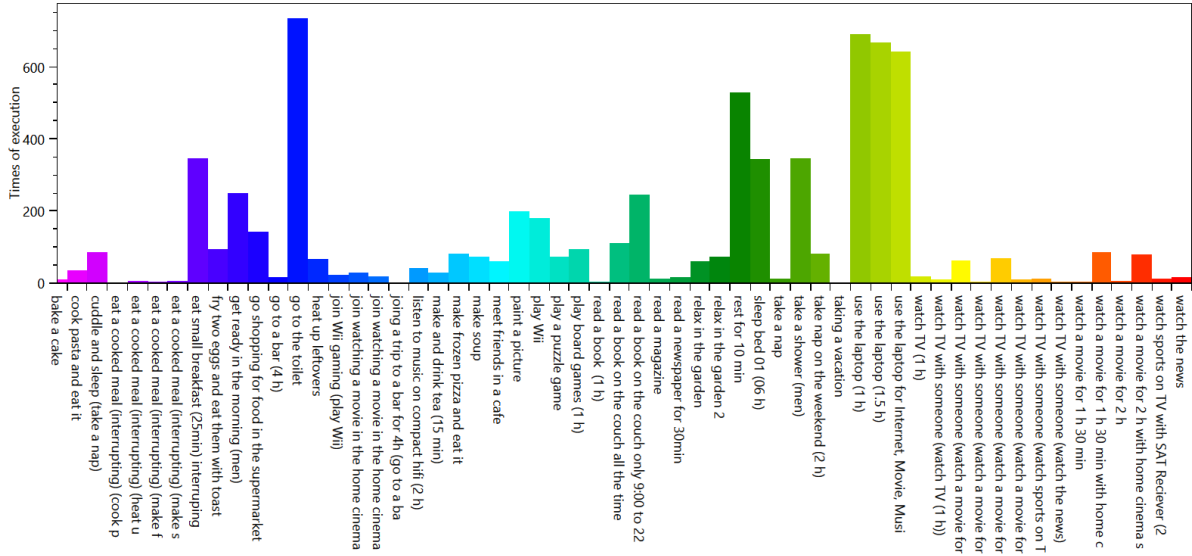
HH0 - CHR48 Maggie (13 Female)



HH0 - CHR48 Martin (7 Male)



HH0 - CHR48 Stefan (51 Male)

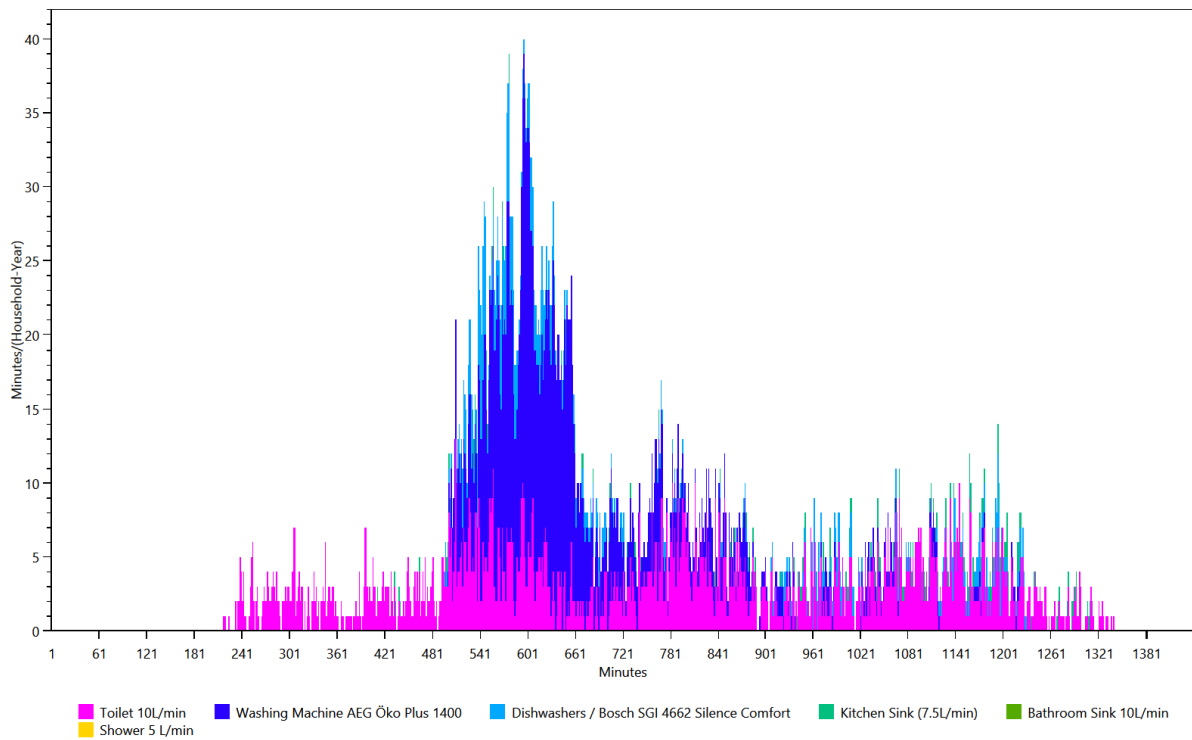


Overview of the time of the use per load type per device

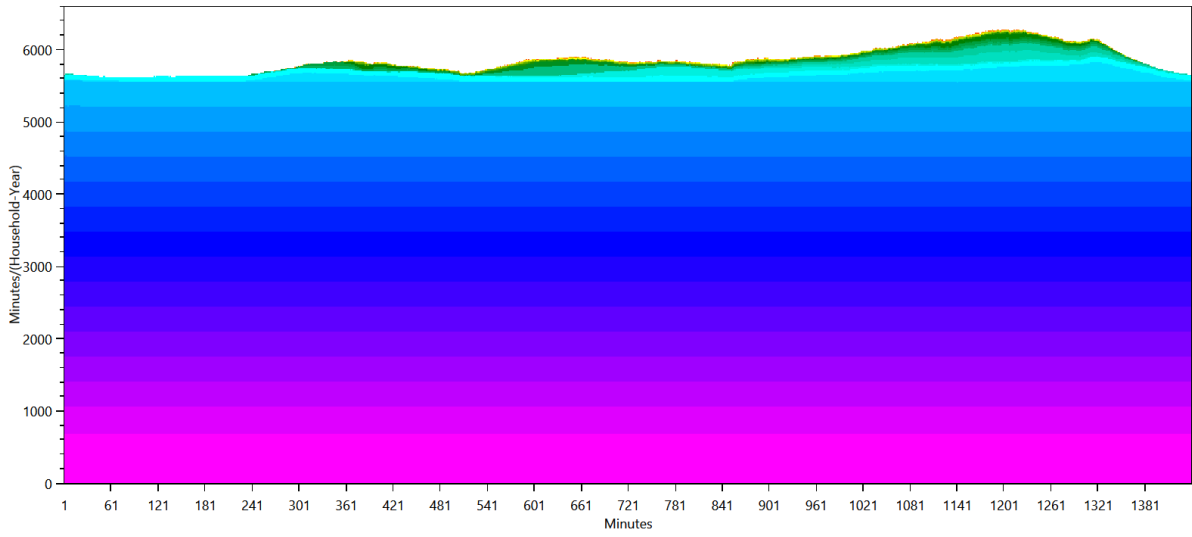
This is made from the files starting with: **TimeOfUseEnergyProfiles**

The time of use energy profiles shows when each device was used.

Cold Water

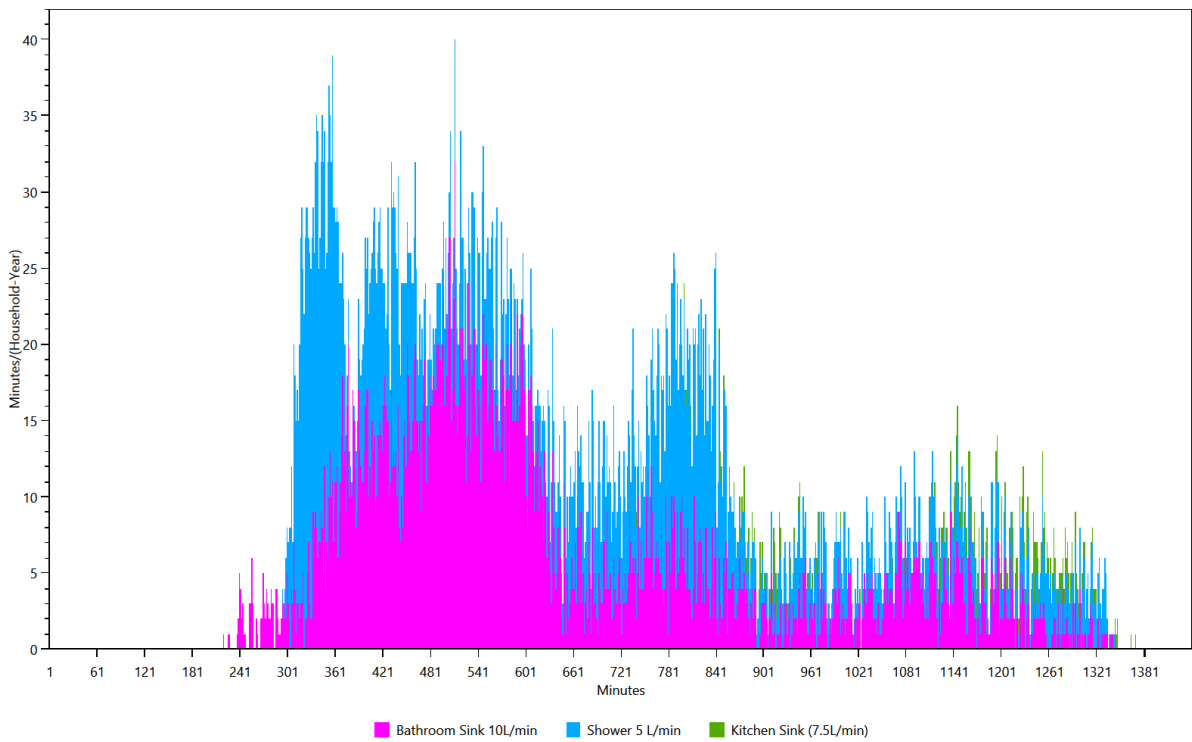


Electricity



- SAT Receiver / Kathrein UFS913
- CD/DVD Player / Phillips HDR3810/31
- Phone Siemens Gigaset C320
- Kitchen radio / AEG KRC 4323 CD
- Bedroom Light (20W)
- Dishwashers / Bosch SGI 4662 Silence Comfort
- Electric Kettle / Petra WK288 1.5L
- Energy Saving Lamp / EL-REF 11 E27
- Handmixer / Phillips Robust HR 1581
- Electric Toothbrush Dondodent Professional Clean
- Yamaha RX-V667
- Router O2 Box 6431
- Living Room Light (Energy Saving Lamp, 20W)
- Washing Machine AEG Öko Plus 1400
- Kitchen Light (200W)
- Lawn Mower / Sabo 36-EL SA 752
- Atika LH 2500 G
- Phillips 32-9615
- Hifi System / Sharp XL-HF300PH
- TV Samsung LED UE40 B7090
- Liebherr CBP 4056-20A
- Oven / AEG B 33512-5-M
- Hedge Trimmer / Bosch AHS 550-24 ST
- Heater / Honeywell BH-888E
- Kitchen Stove / Bauknecht Heko 750 PT Kitchen stove front left
- Kitchen Stove / Bauknecht Heko 750 PT Kitchen stove left hind - full power
- Home Cinema System / Samsung HT-D5550
- Electric Razor Braun Cruzer 5
- Microwave / Panasonic NN-CD757W
- Miele T 7744 C
- Hair Dryer / Braun Satin Pro 2200 Ion Care
- Nintendo Wii
- Laptop Lenovo Thinkpad x220
- Miele DA 249-2
- Children Room Light (100W)
- Bathroom Light (200W)
- Bathroom Mirror Light 10 W (LED)
- Bathroom Light (100W)
- Vacuum Cleaner FiF
- Toaster / Tefal Vario

Warm Water

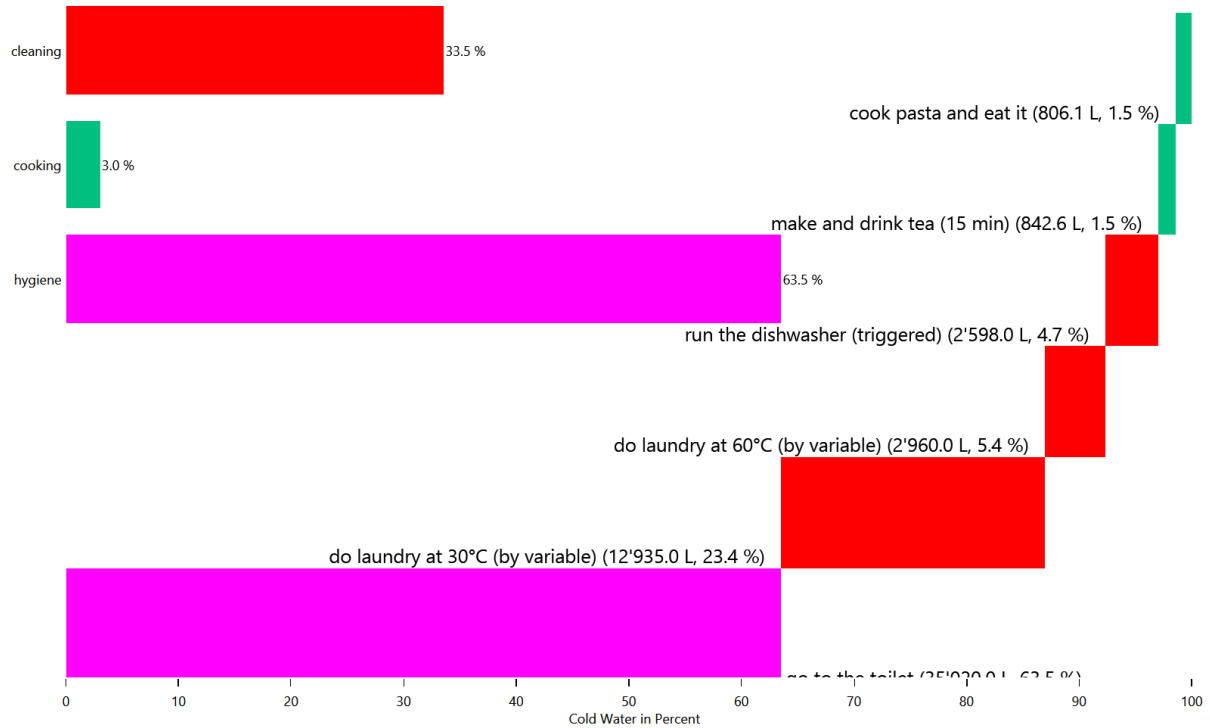


Energy/Resource use distribution per load type per affordance

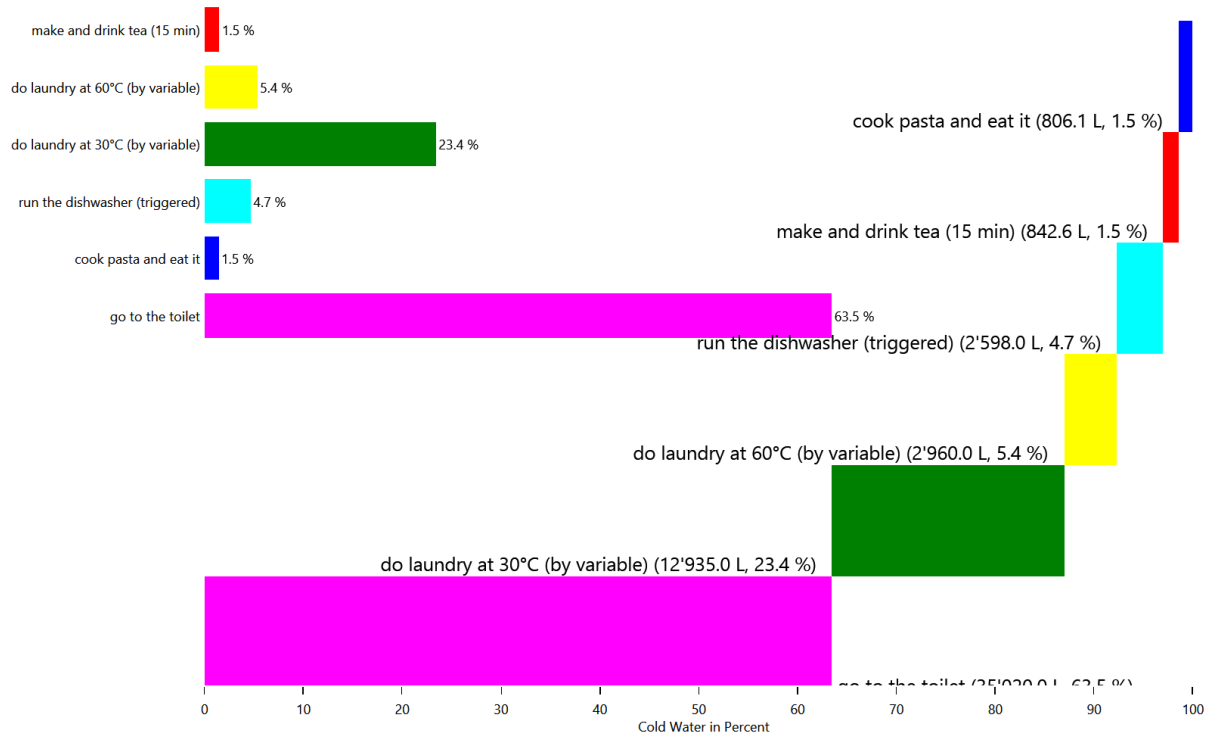
This is made from the files starting with: **AffordanceEnergyUse**

This shows the distribution of the energy/resource use to each affordance by load type.

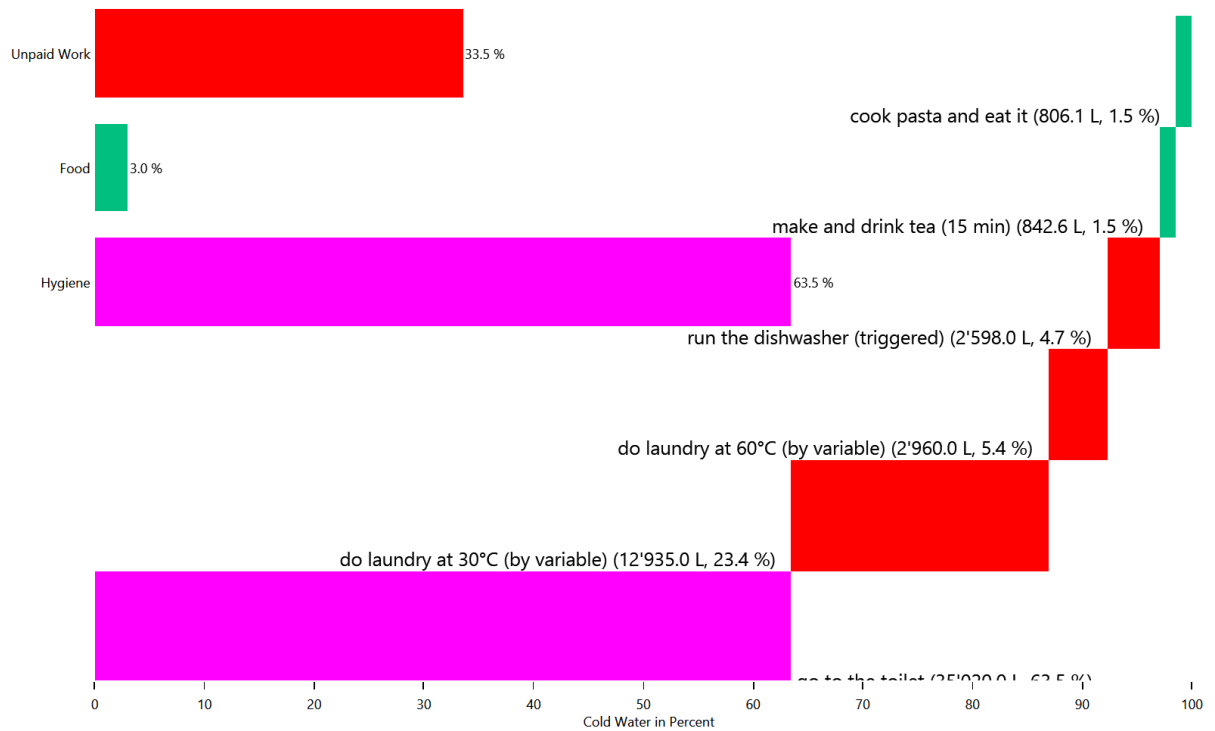
HH0 - Cold Water



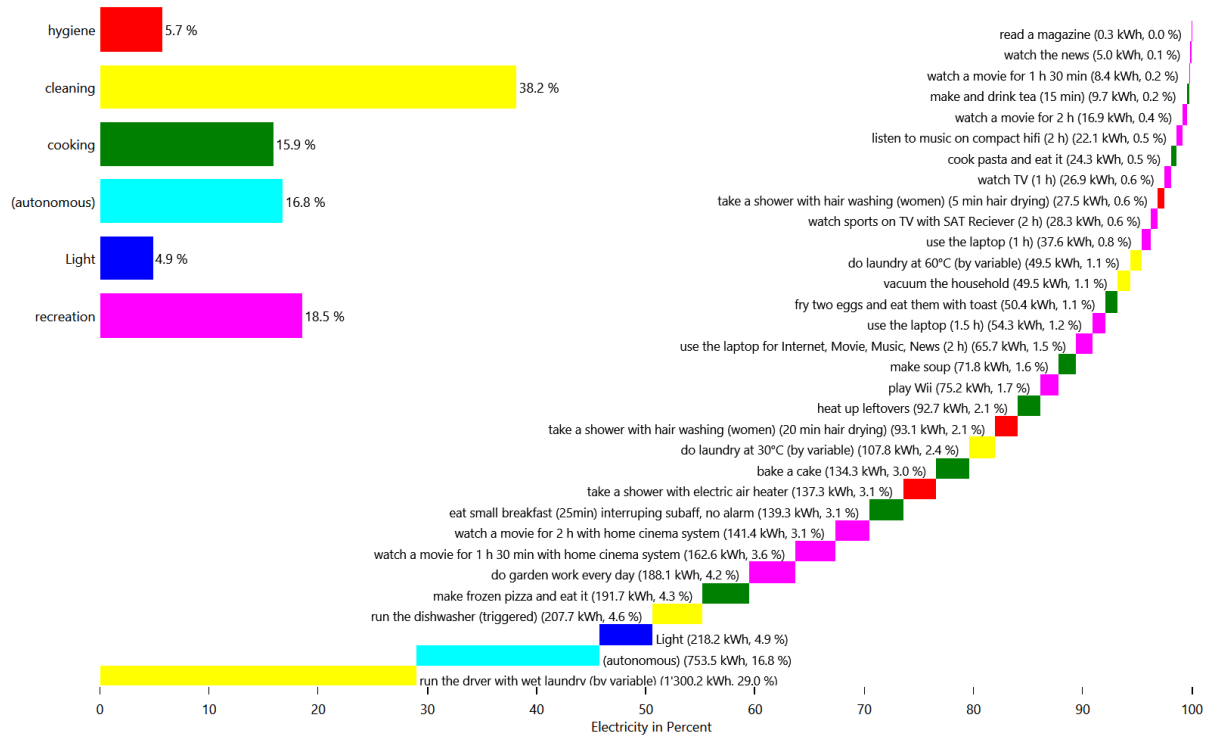
HH0 - Cold Water



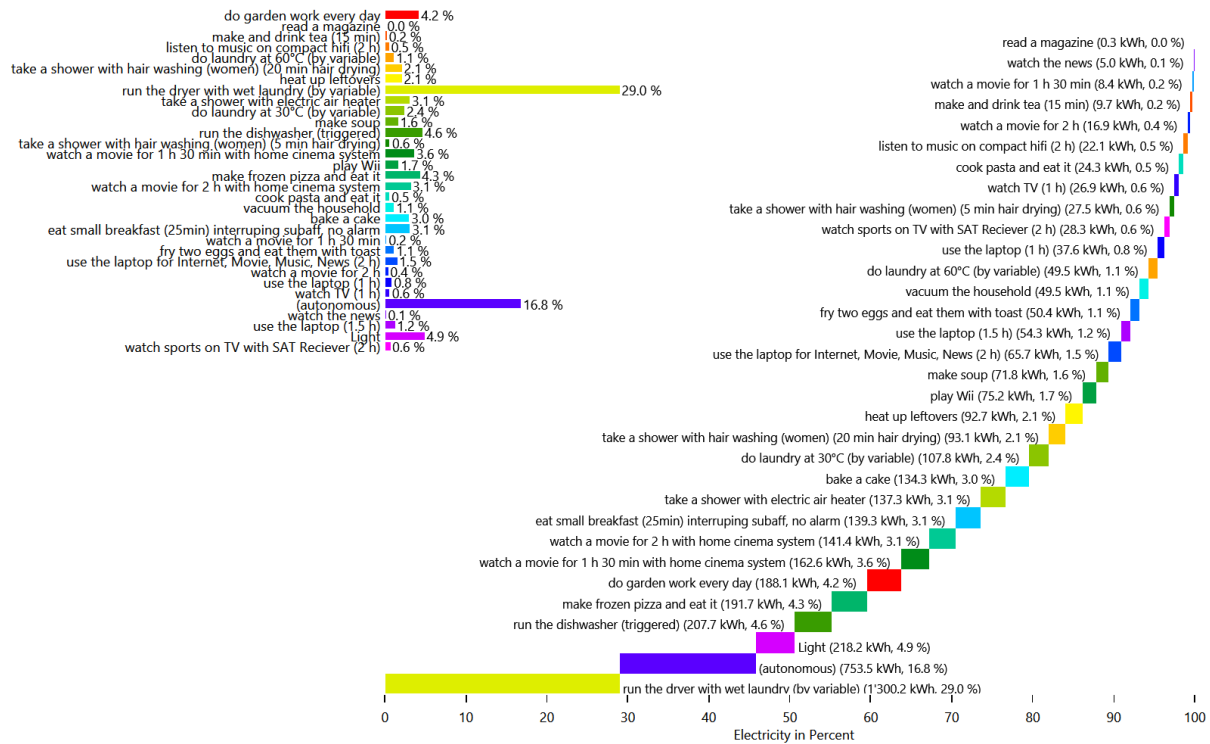
HH0 - Cold Water



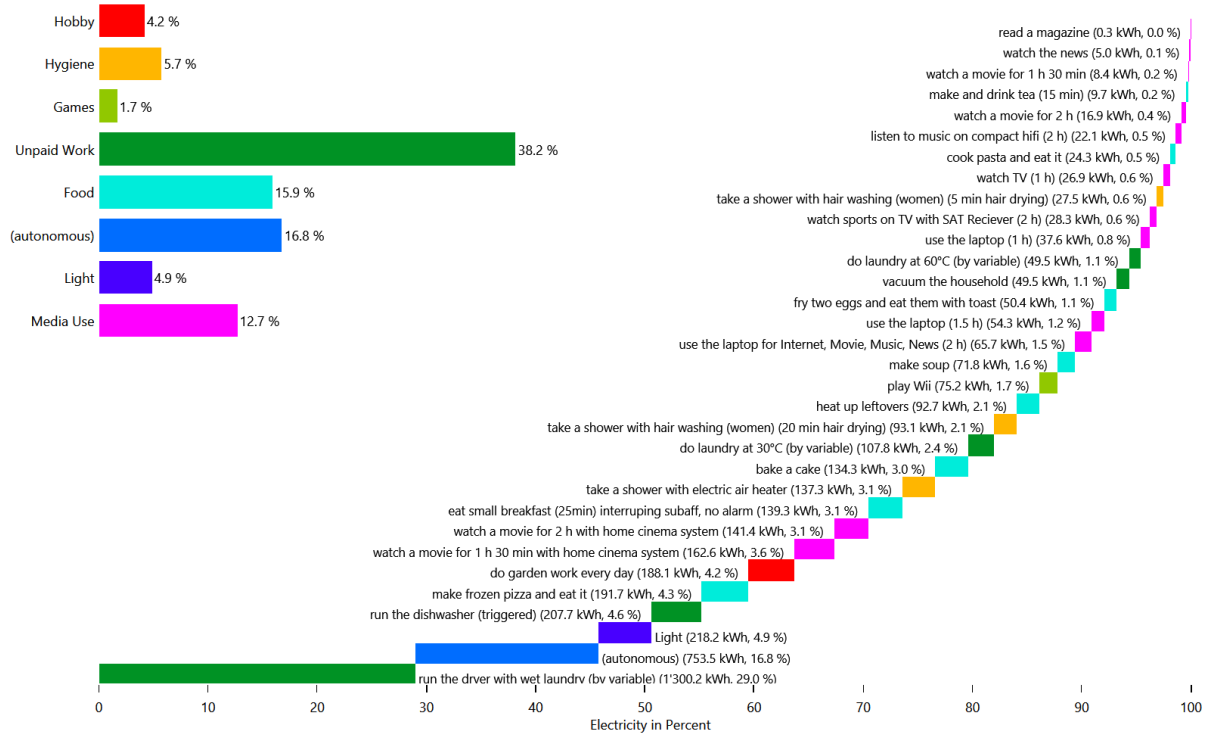
HH0 - Electricity



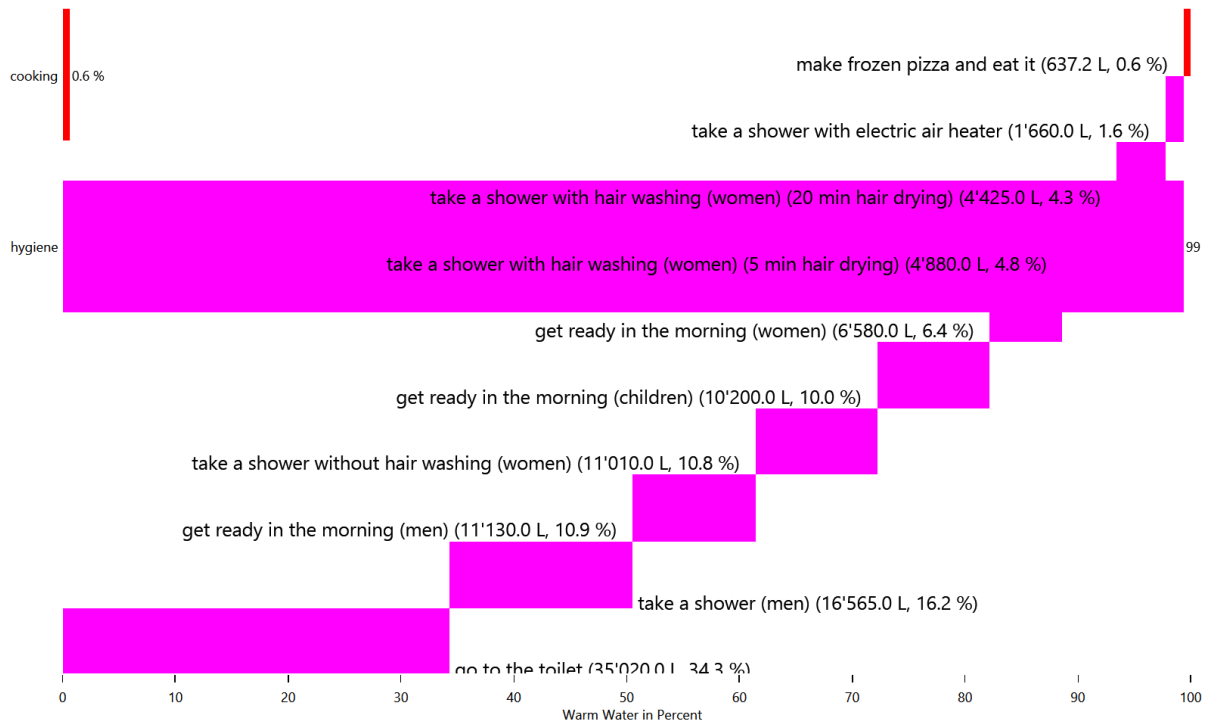
HH0 - Electricity



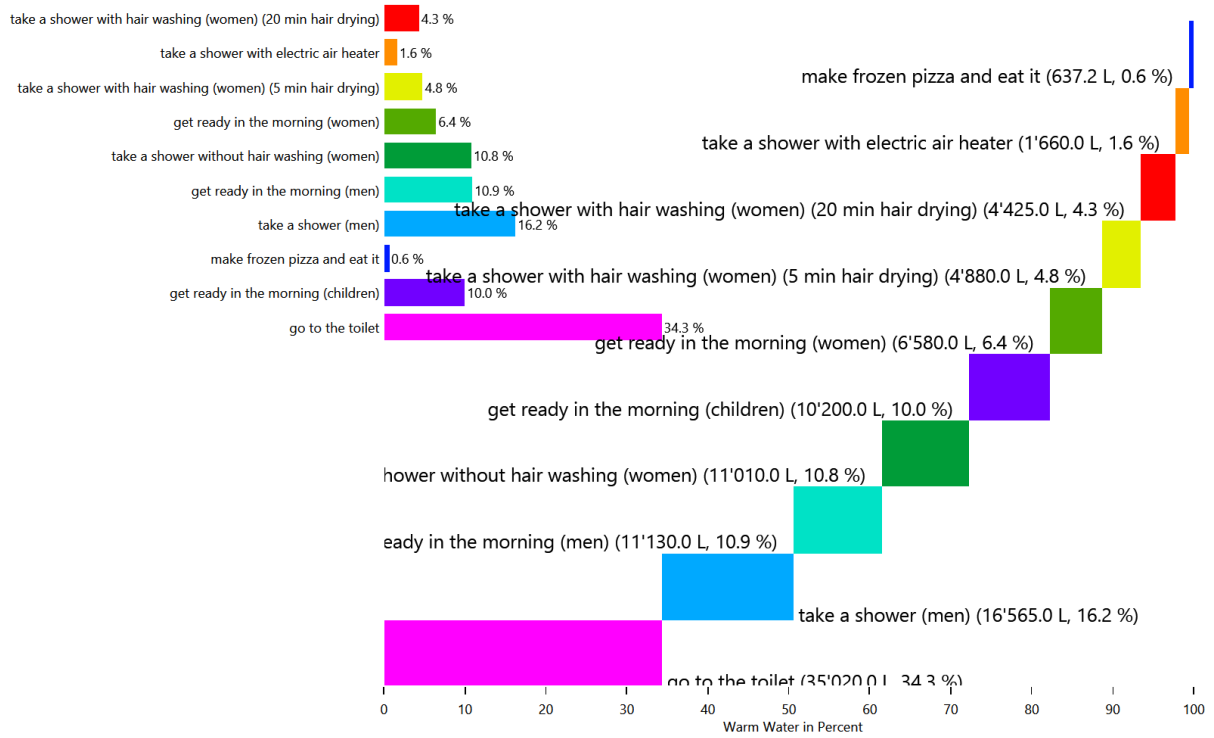
HH0 - Electricity



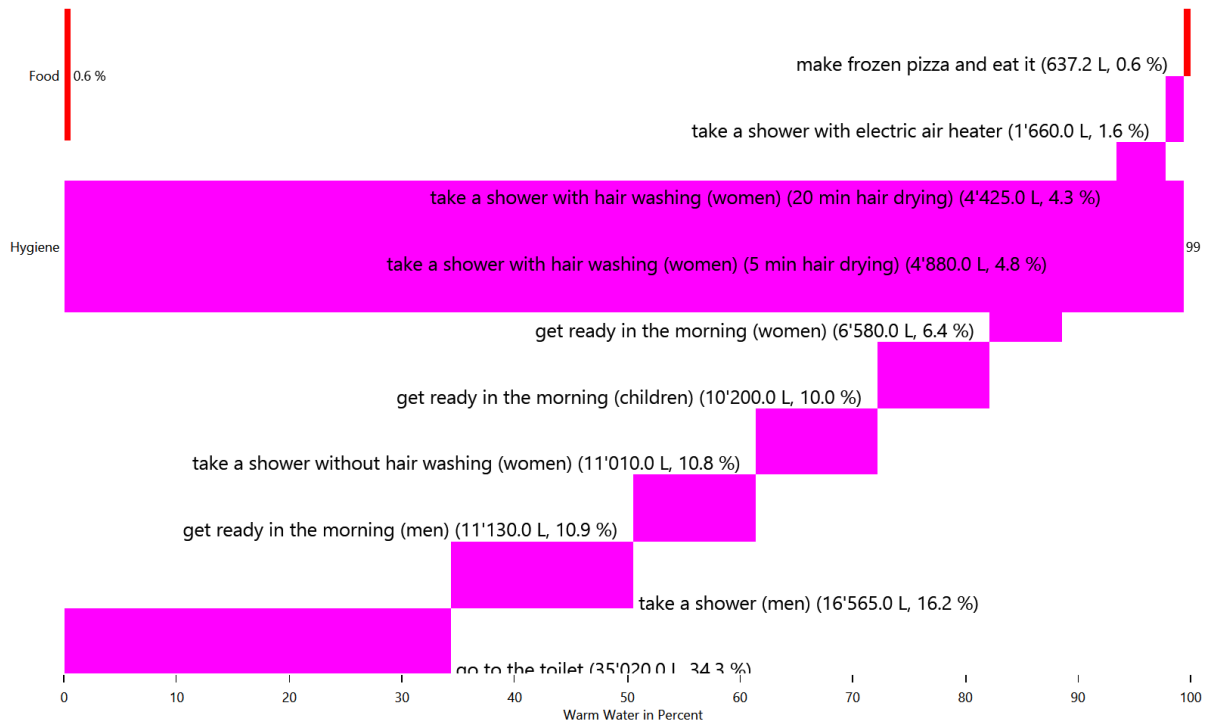
HH0 - Warm Water



HH0 - Warm Water



HH0 - Warm Water

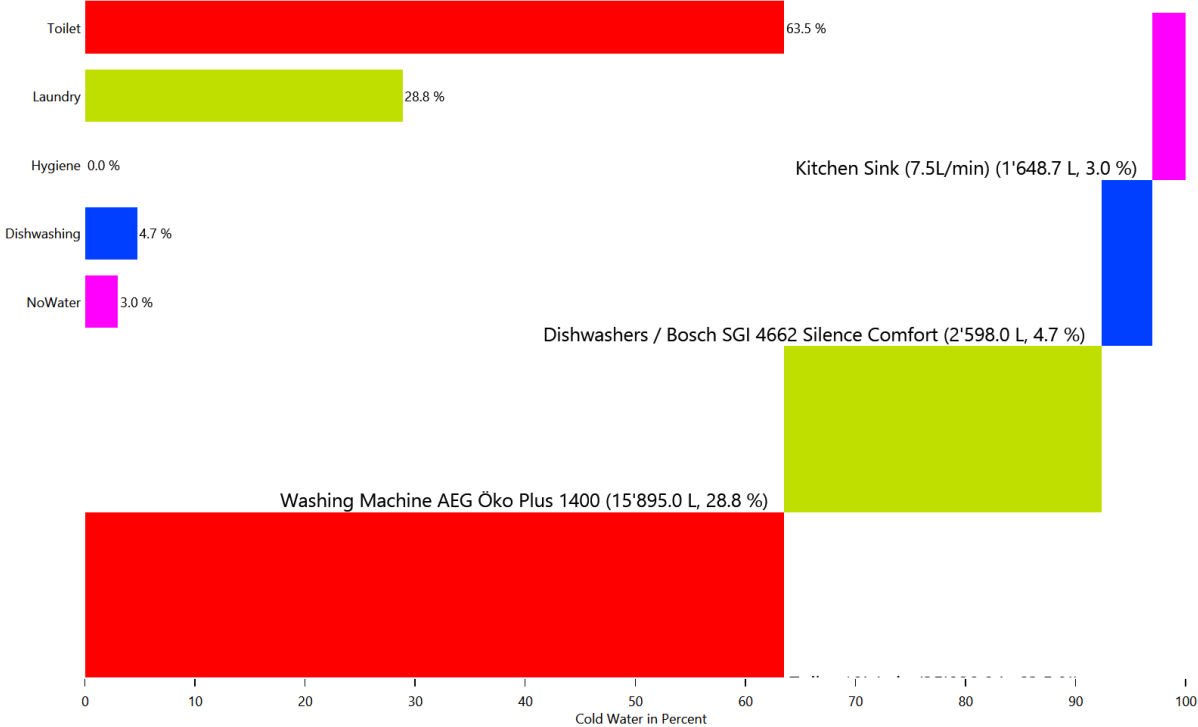


Energy use for each load type for each device

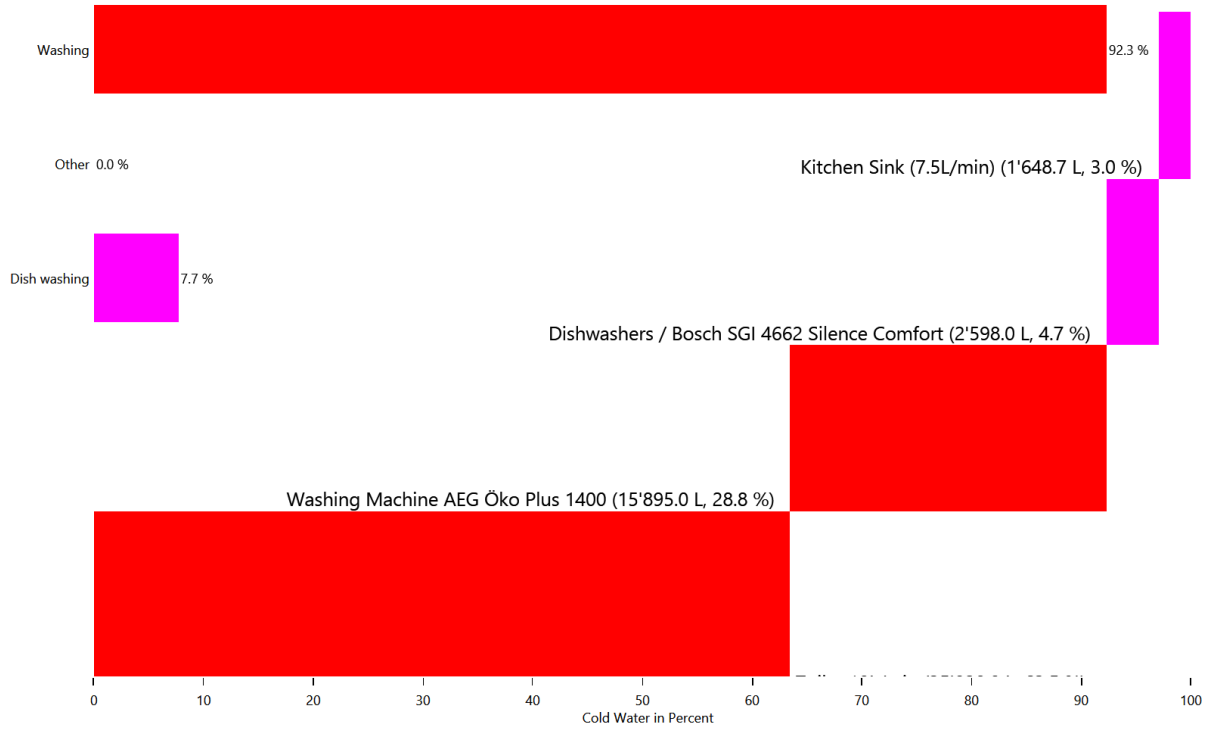
This is made from the files starting with: DeviceSums

These pie charts show the energy use for each individual device in each load type.

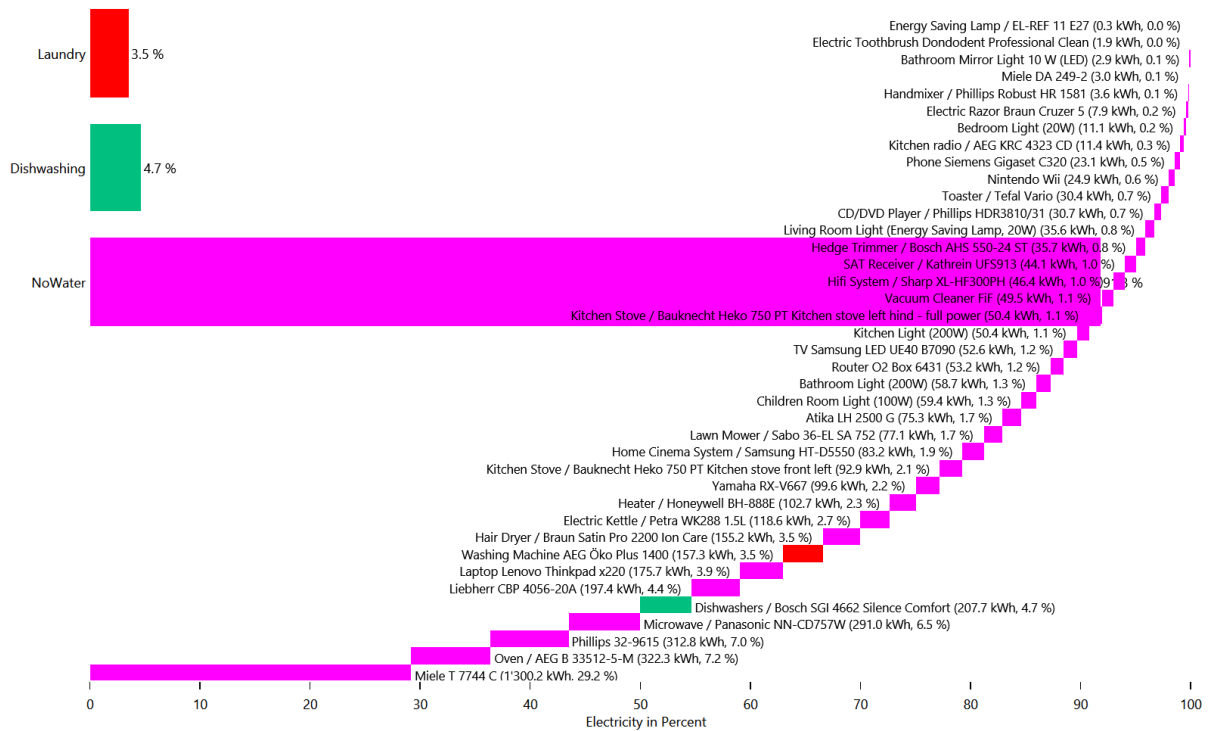
Cold Water



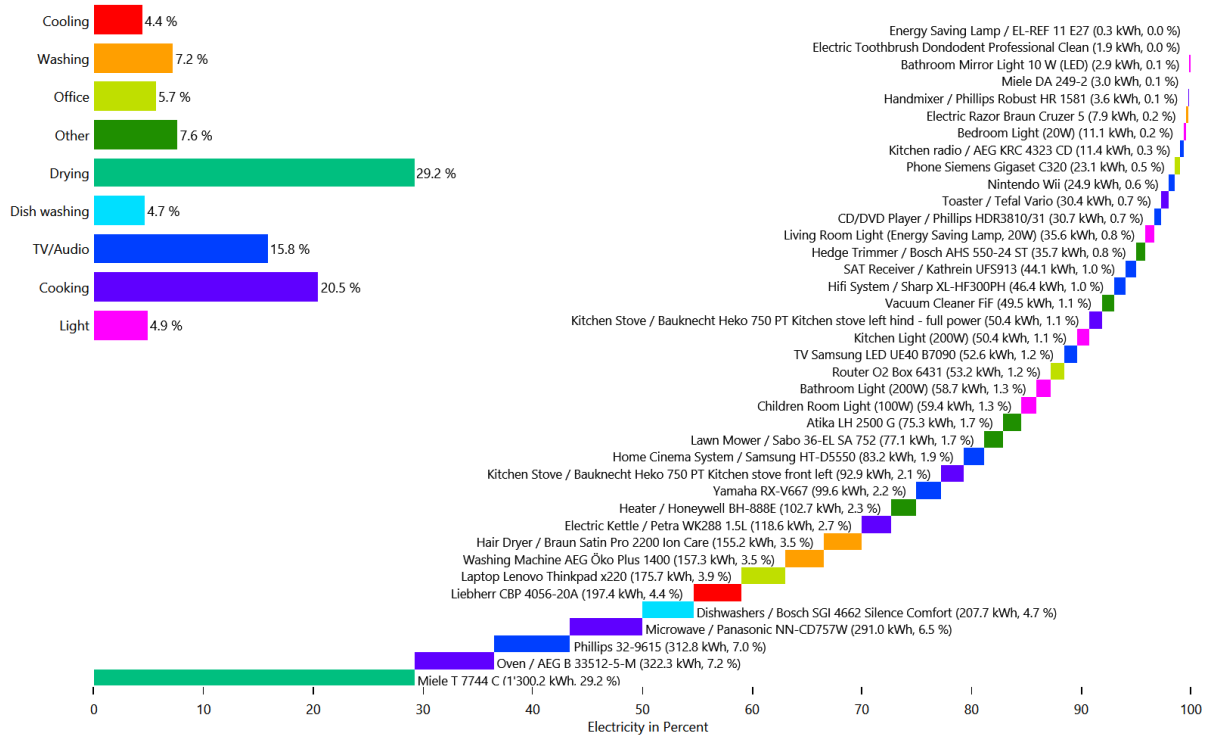
Cold Water



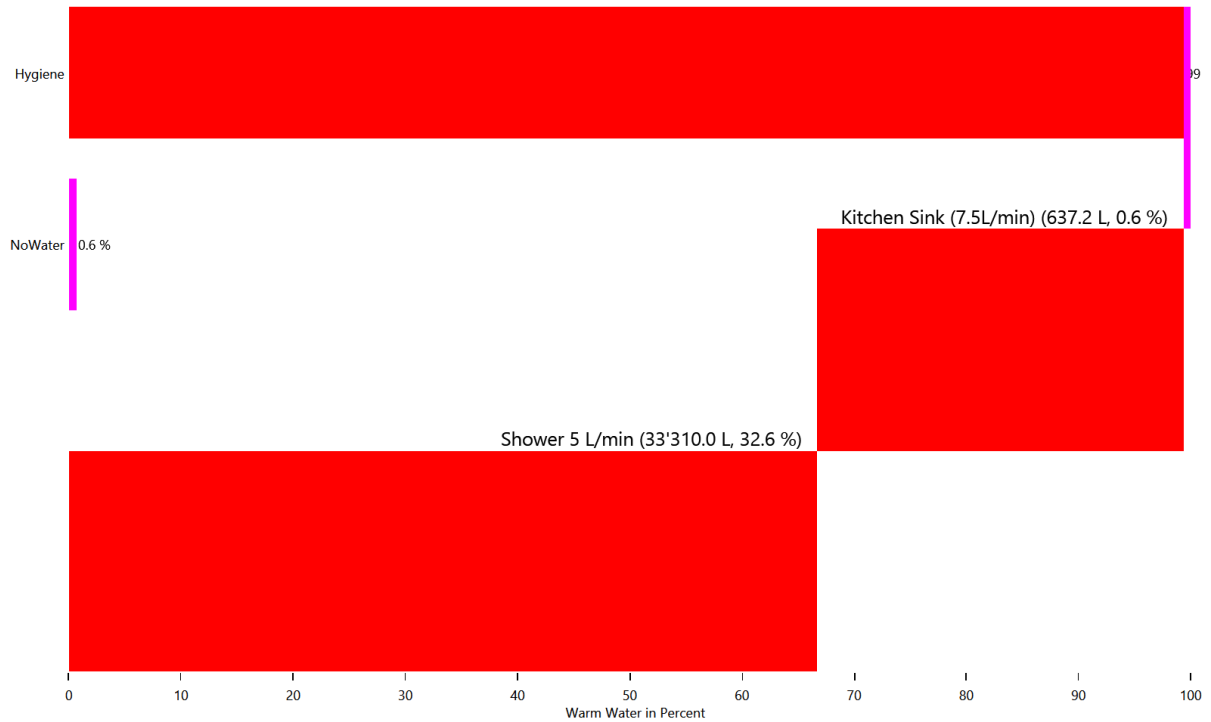
Electricity



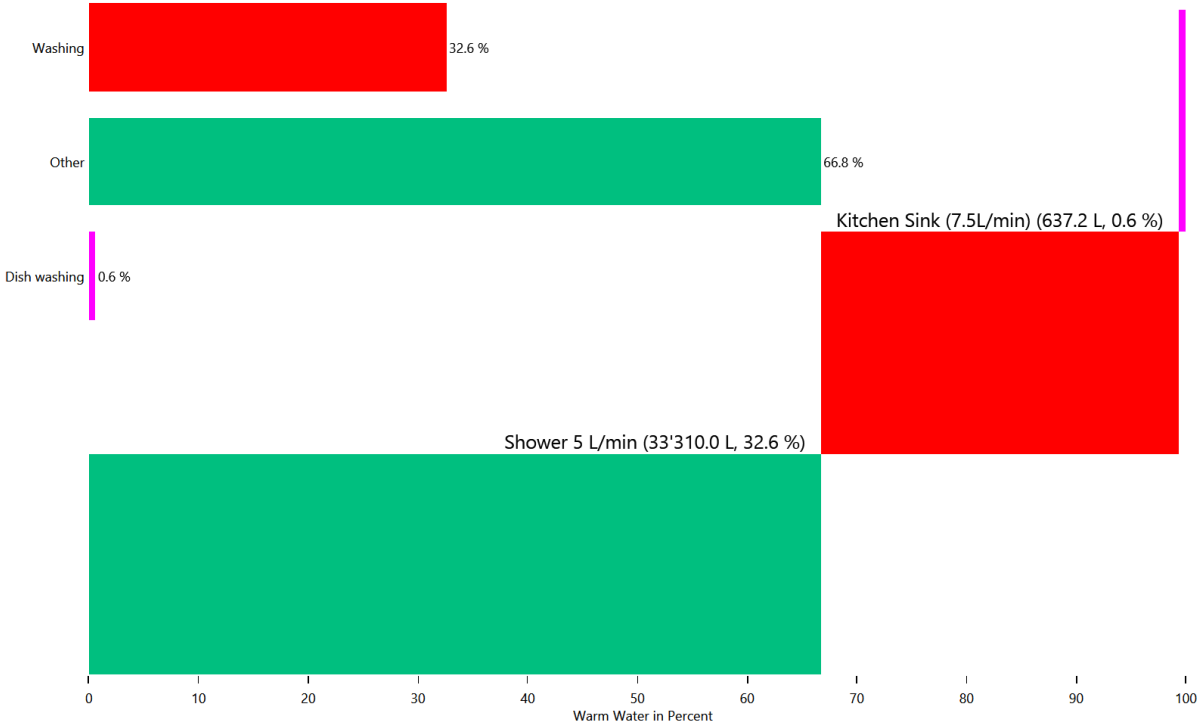
Electricity



Warm Water



Warm Water

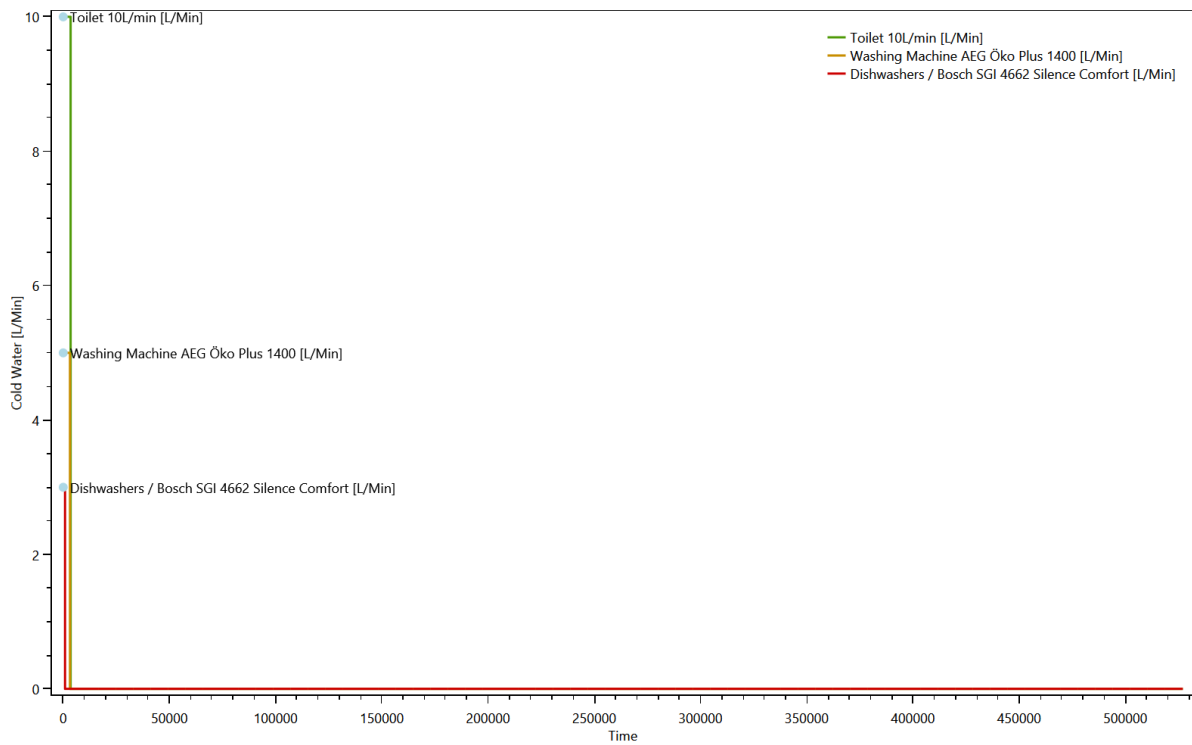


Duration curve for each device for each load type

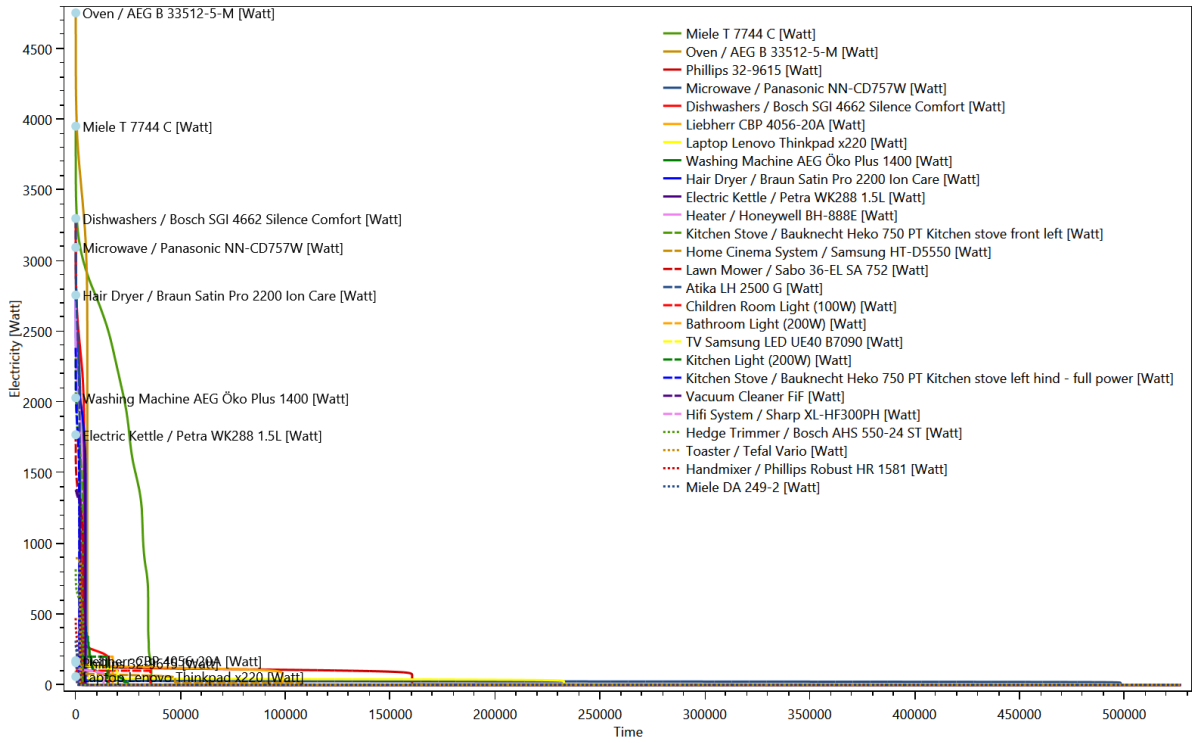
This is made from the files starting with: DeviceDurationCurves

The device duration curve show the duration curve of each device to give an overview of the power consumption.

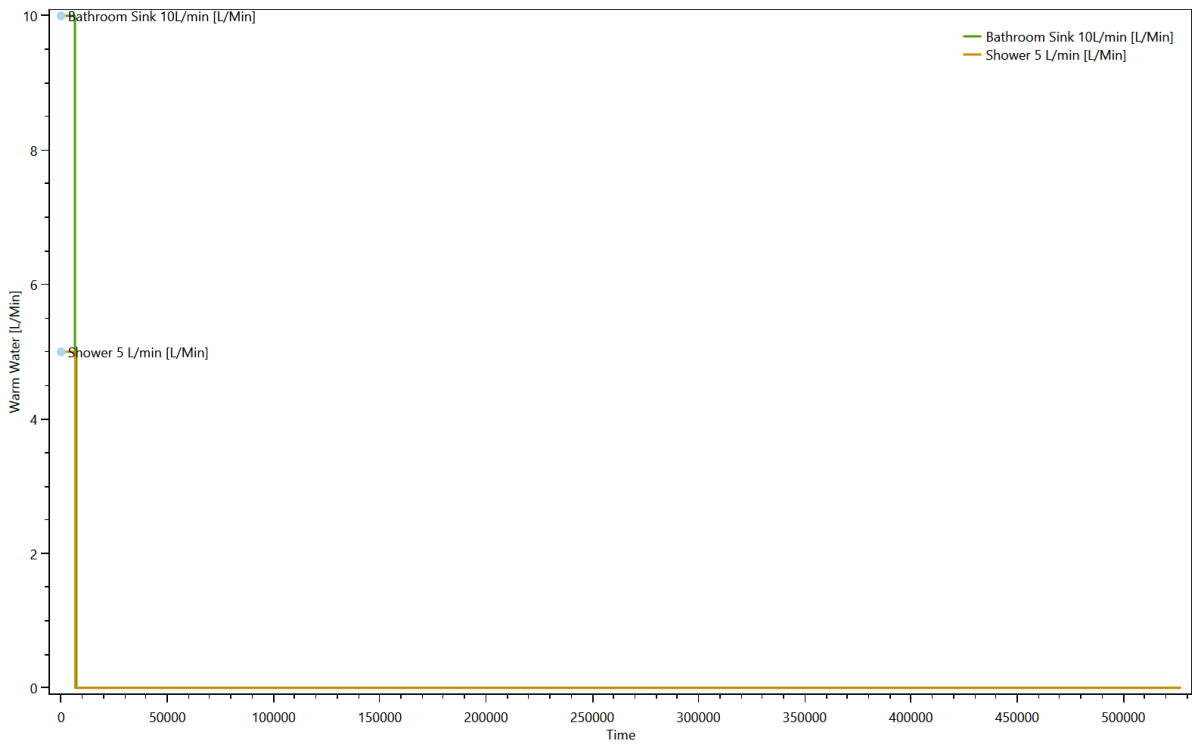
Cold Water



Electricity



Warm Water

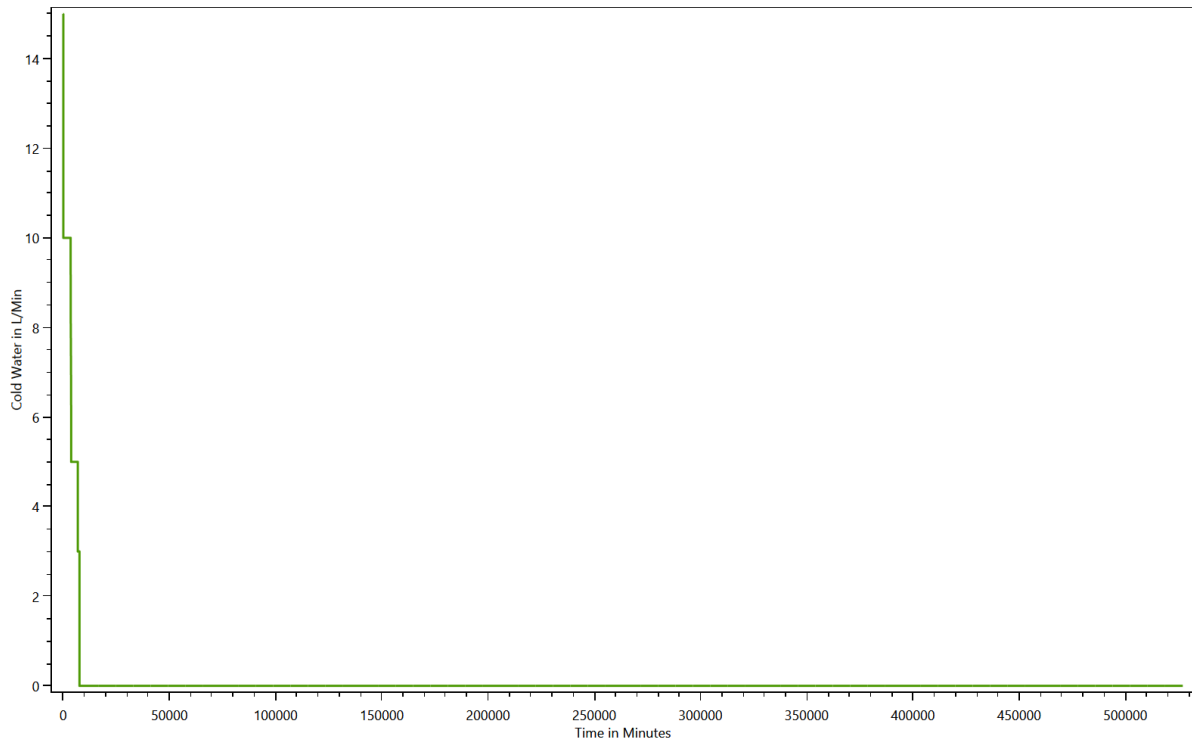


Duration curve for each load type

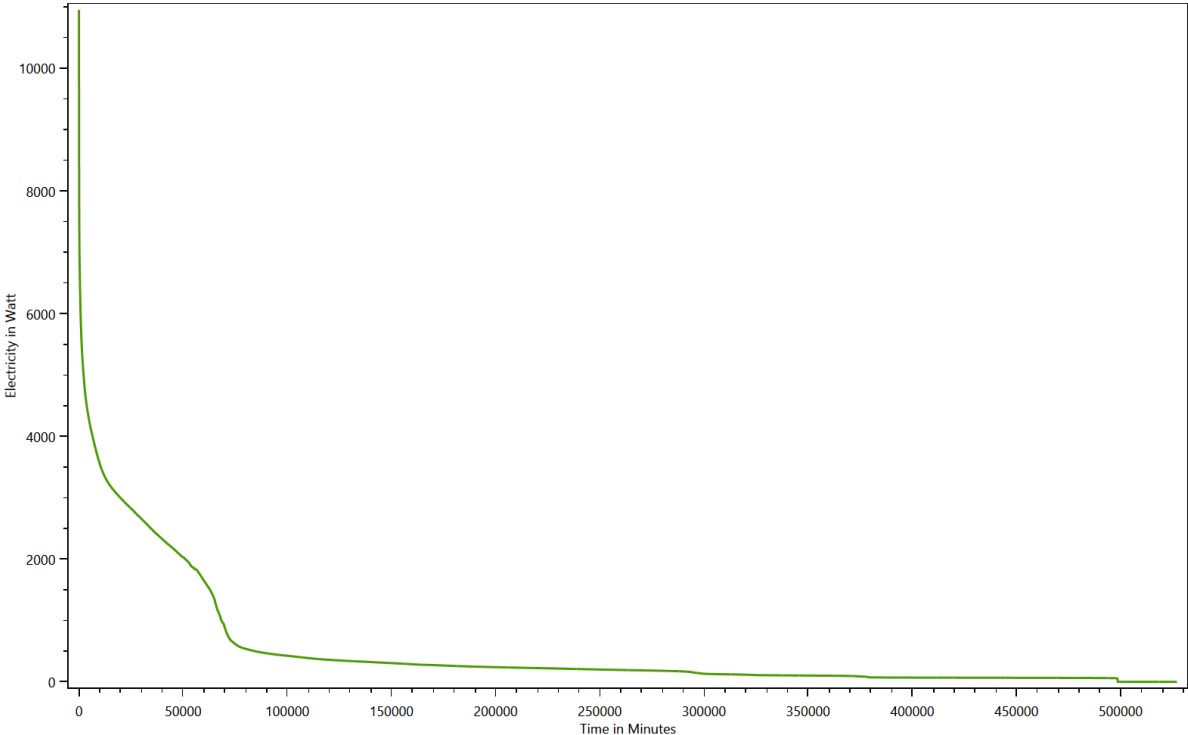
This is made from the files starting with: DurationCurve

The duration curve show the duration curve for the entire household to give an overview of the power consumption.

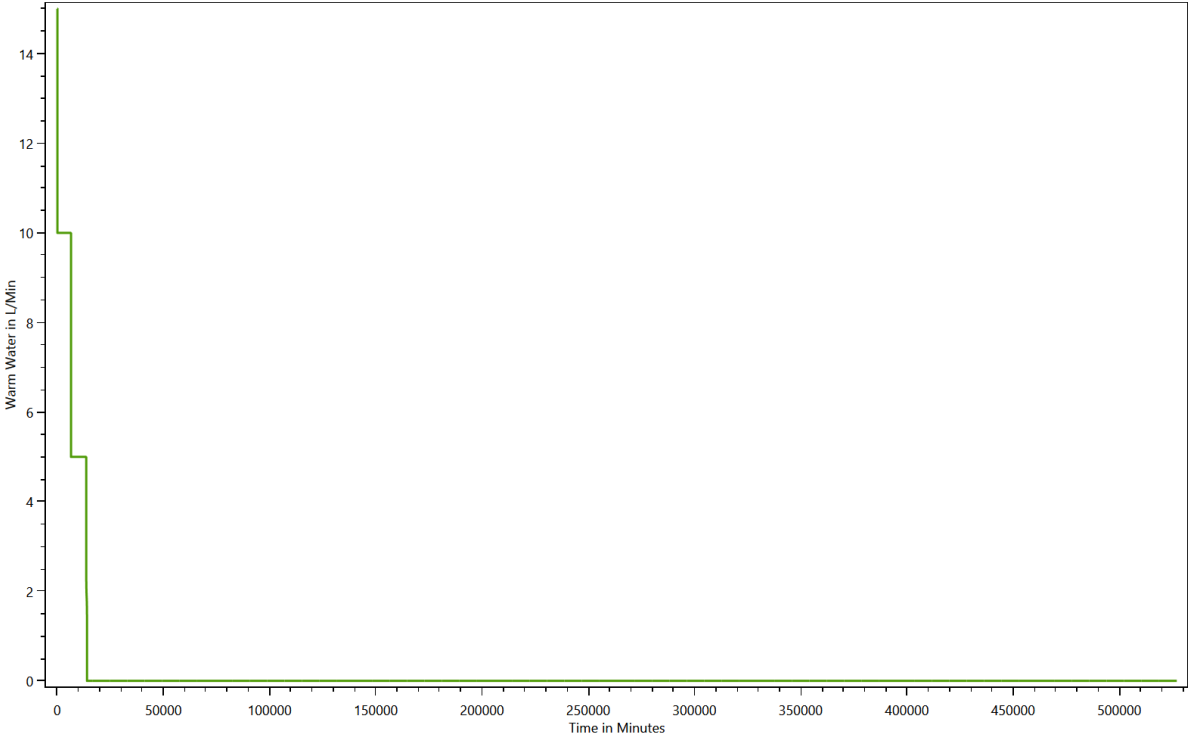
Cold Water



Electricity



Warm Water

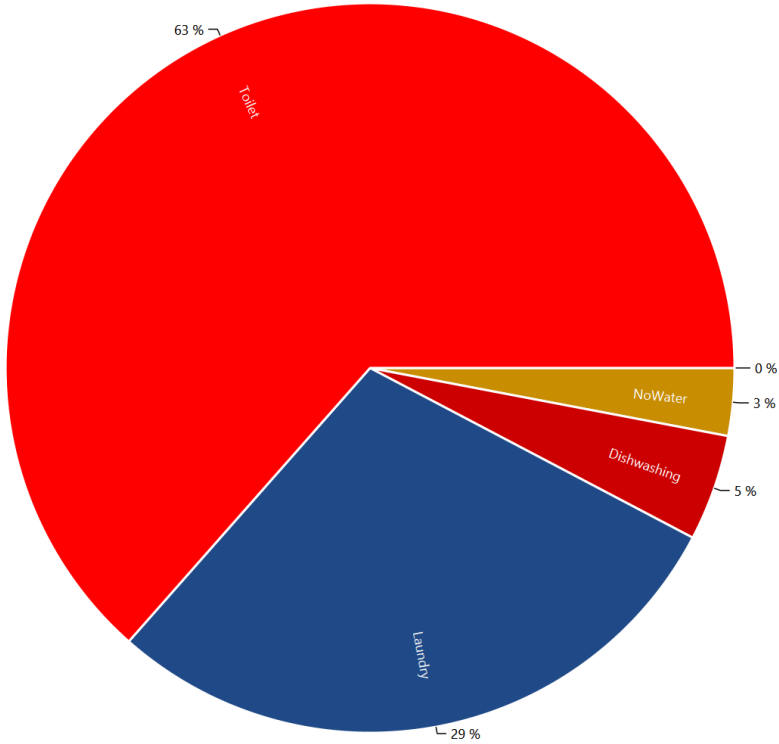


Grouped energy use for each load type for each device

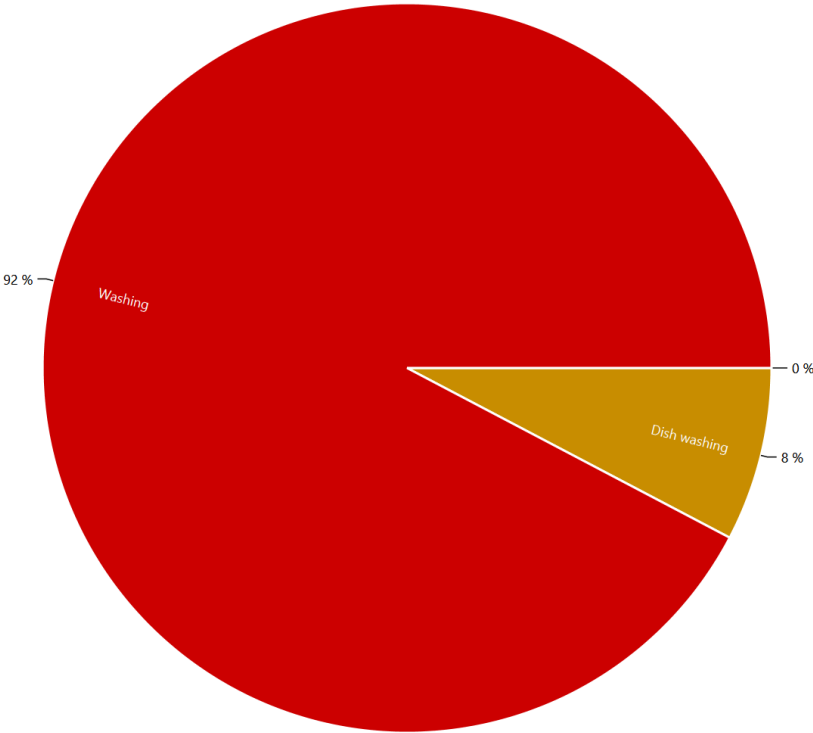
This is made from the files starting with: DeviceTaggingSet

The devices in the LPG can be grouped with various criteria by the device tagging sets. These charts show the results.

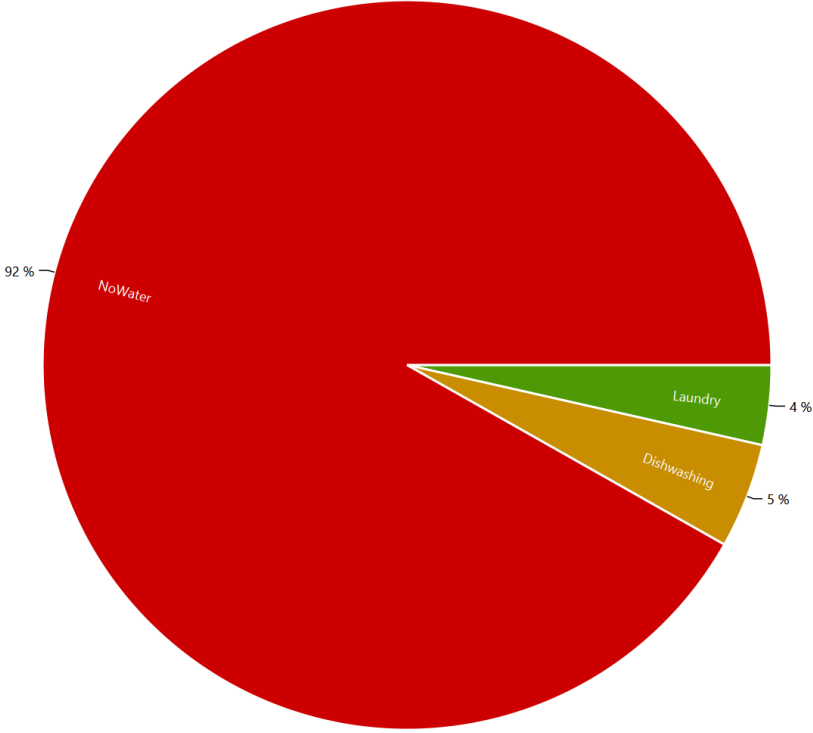
HH0 - Destatis Water Usage Statistics - Cold Water



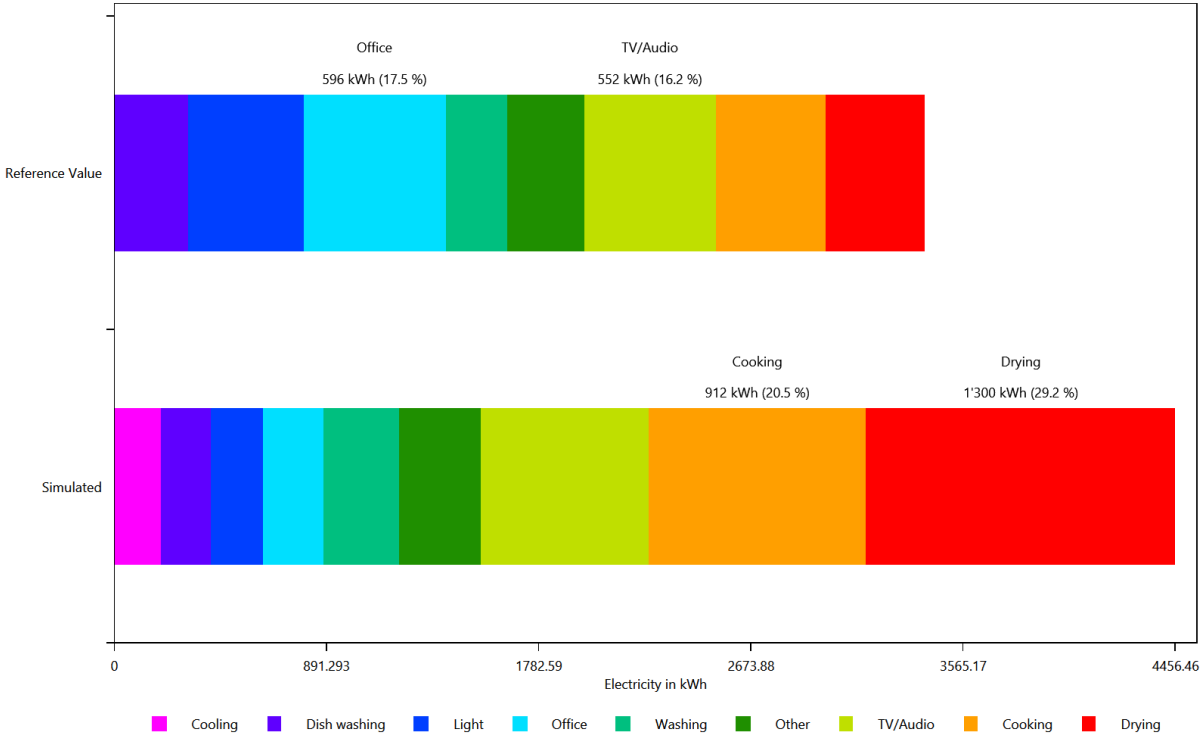
HH0 - Energieagentur - Cold Water



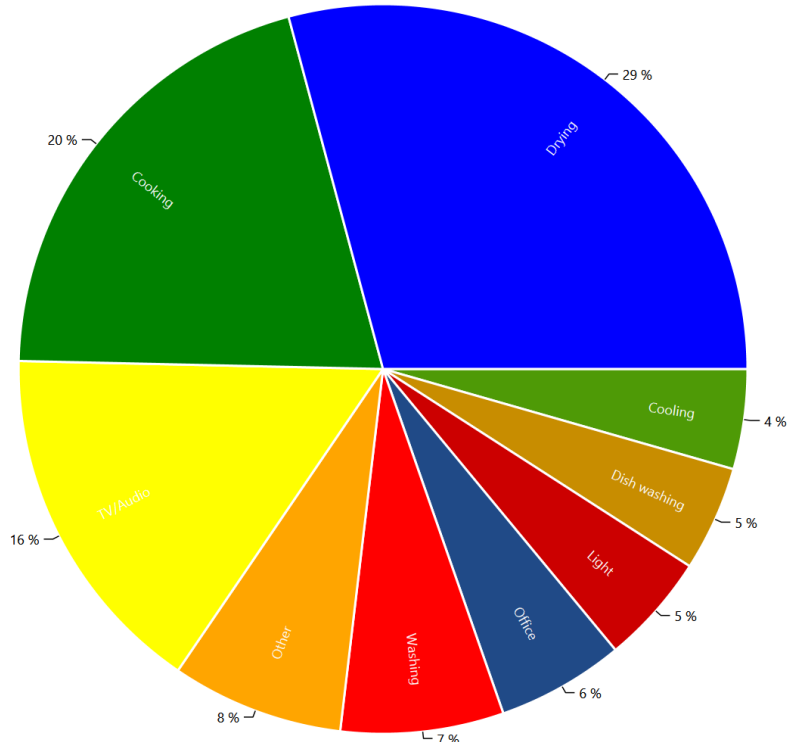
HH0 - Destatis Water Usage Statistics - Electricity



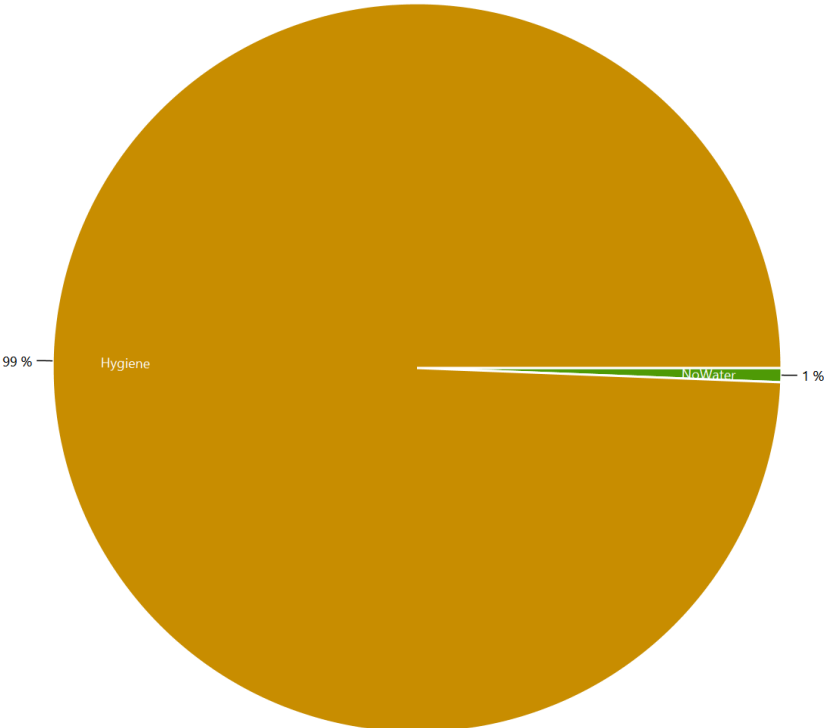
HH0 - Energieagentur - Electricity



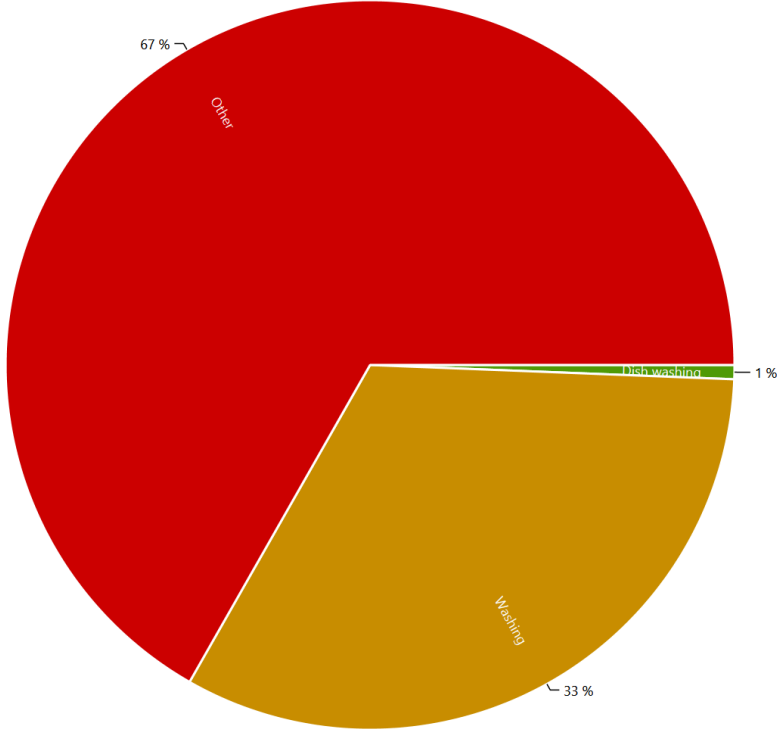
HH0 - Energieagentur - Electricity



HH0 - Destatis Water Usage Statistics - Warm Water



HH0 - Energieagentur - Warm Water

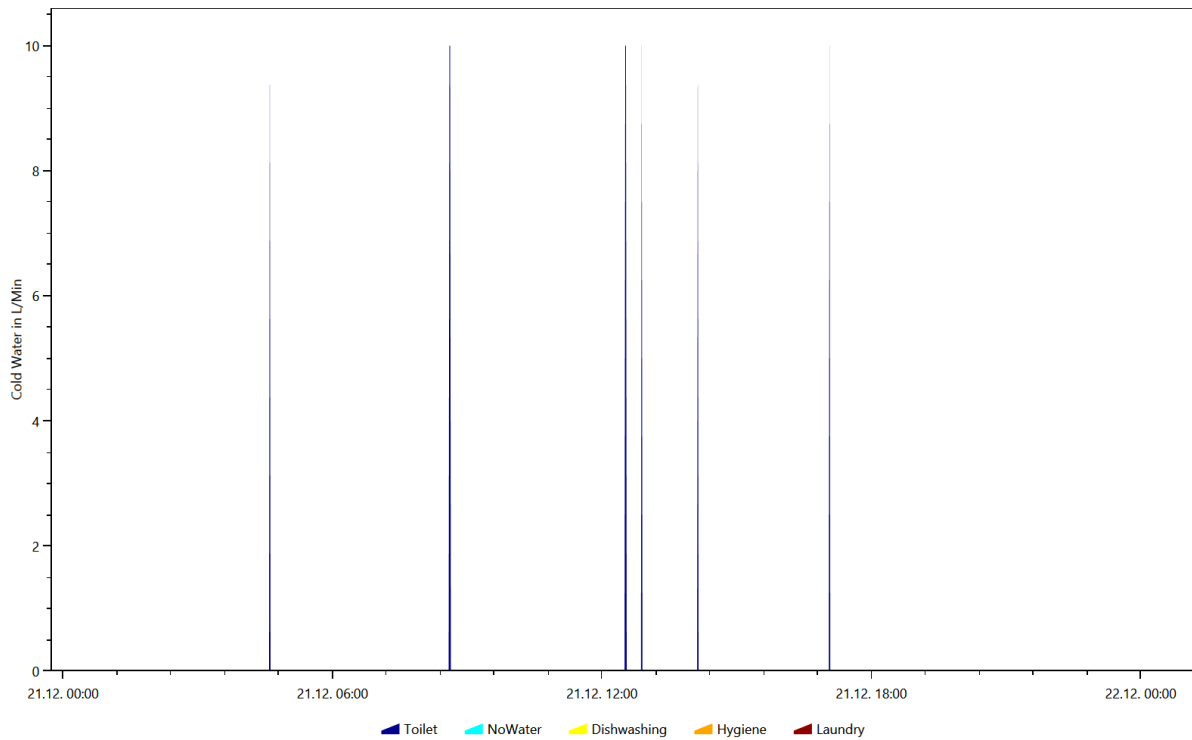


Example of the device profiles for each load type

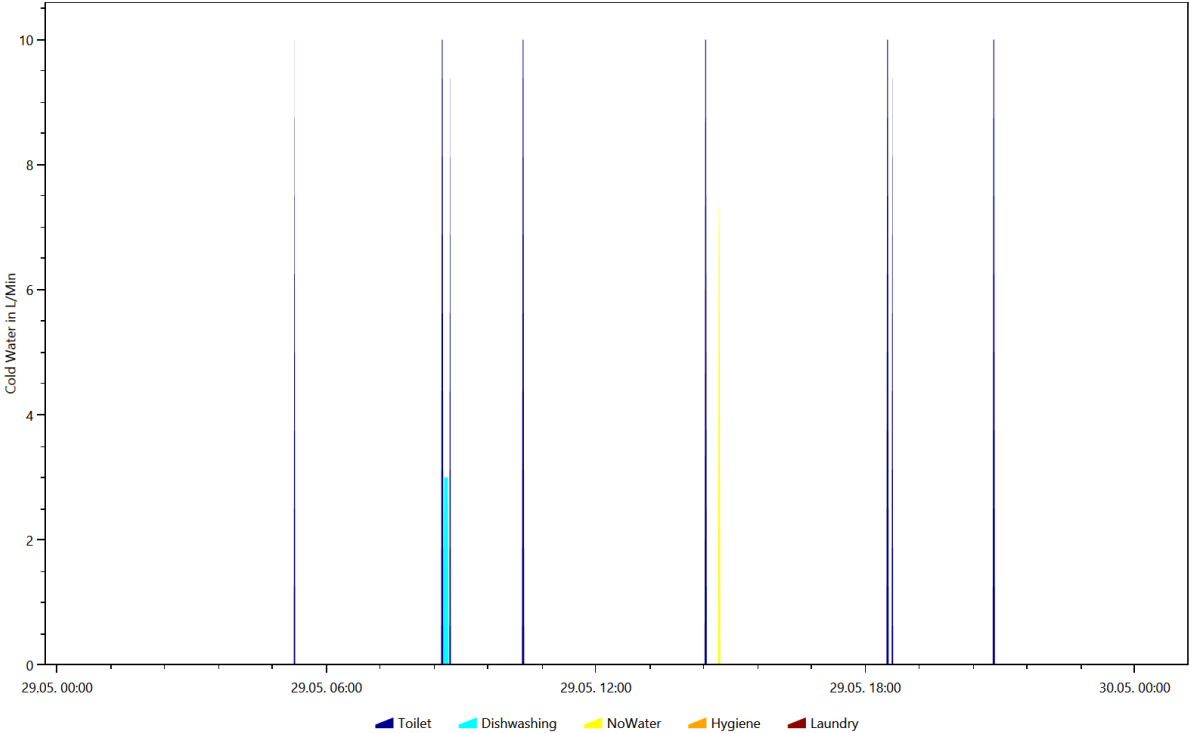
This is made from the files starting with: DeviceProfiles

The device profile files are the reason for the LPG. They show the power consumption of each device.

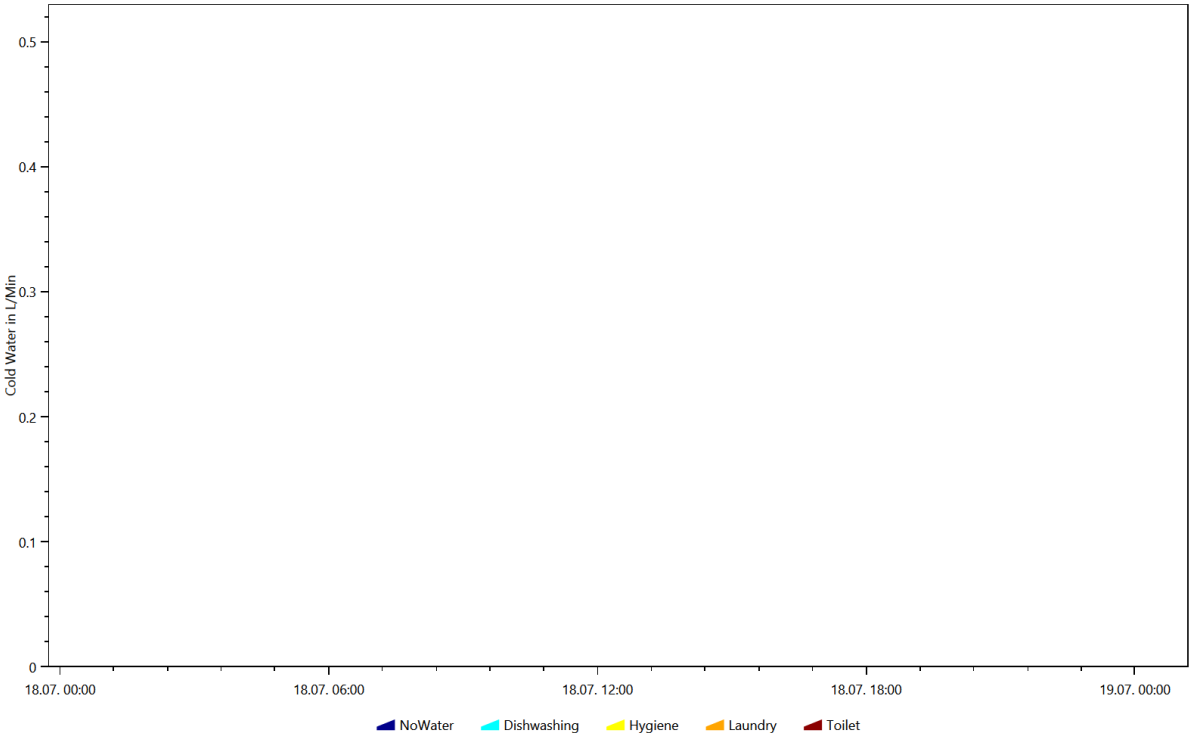
Cold Water, Coloring Scheme: Destatis Water Usage Statistics, Date 2016.12.21



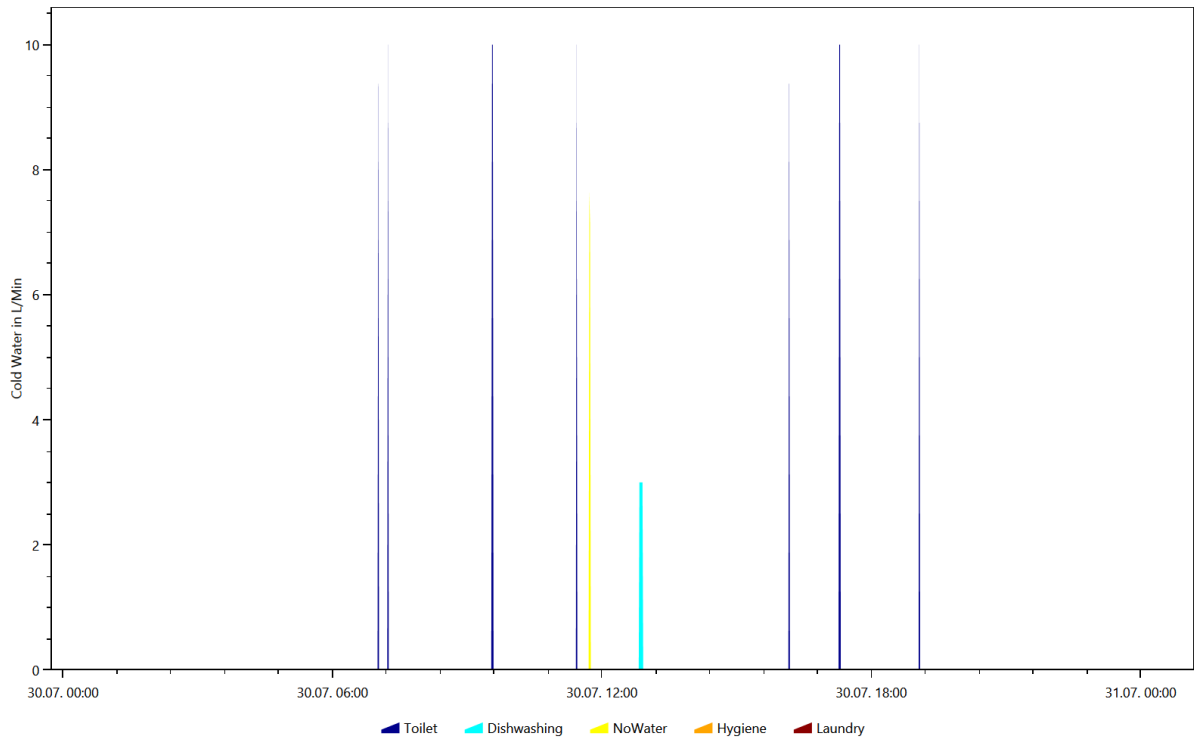
Cold Water, Coloring Scheme: Destatis Water Usage Statistics, Date 2016.5.29



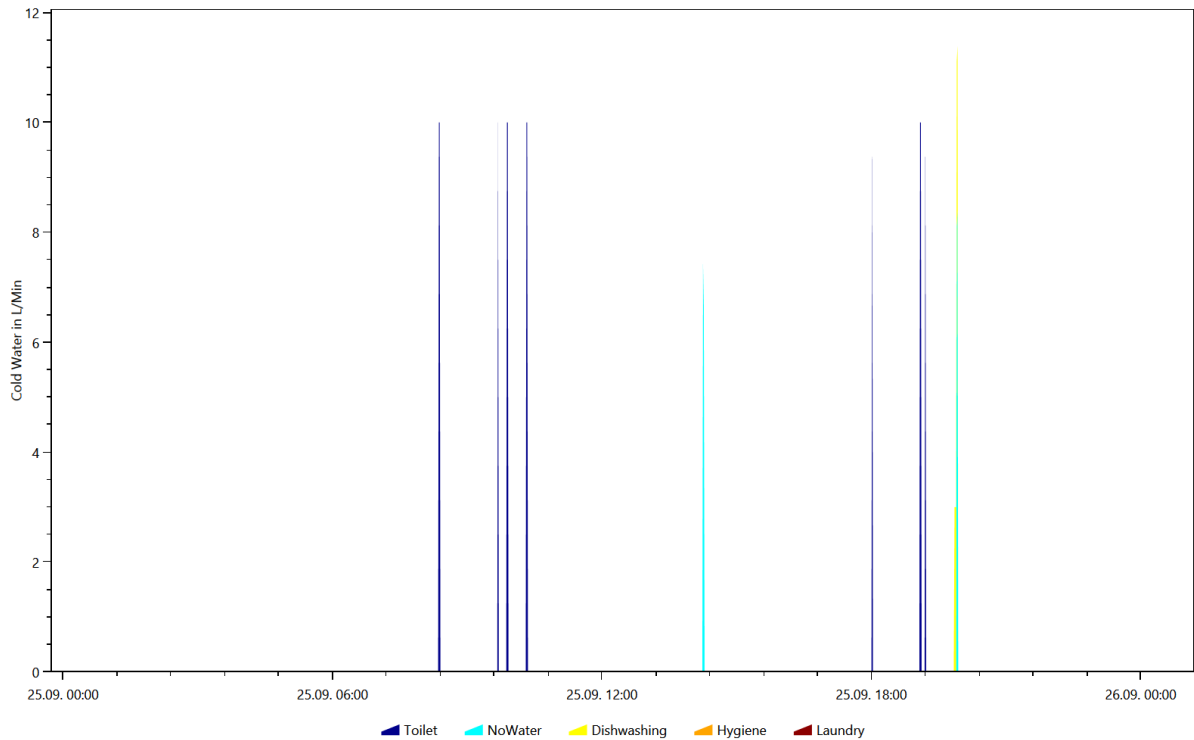
Cold Water, Coloring Scheme: Destatis Water Usage Statistics, Date 2016.7.18



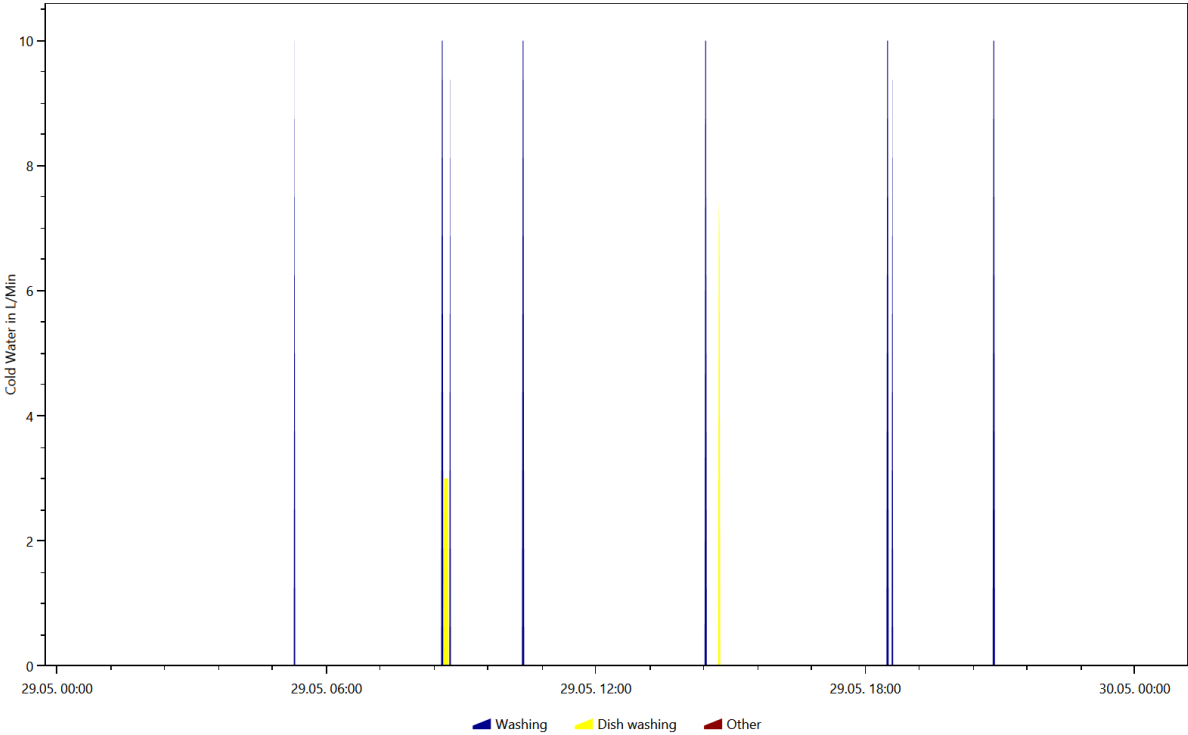
Cold Water, Coloring Scheme: Destatis Water Usage Statistics, Date 2016.7.30



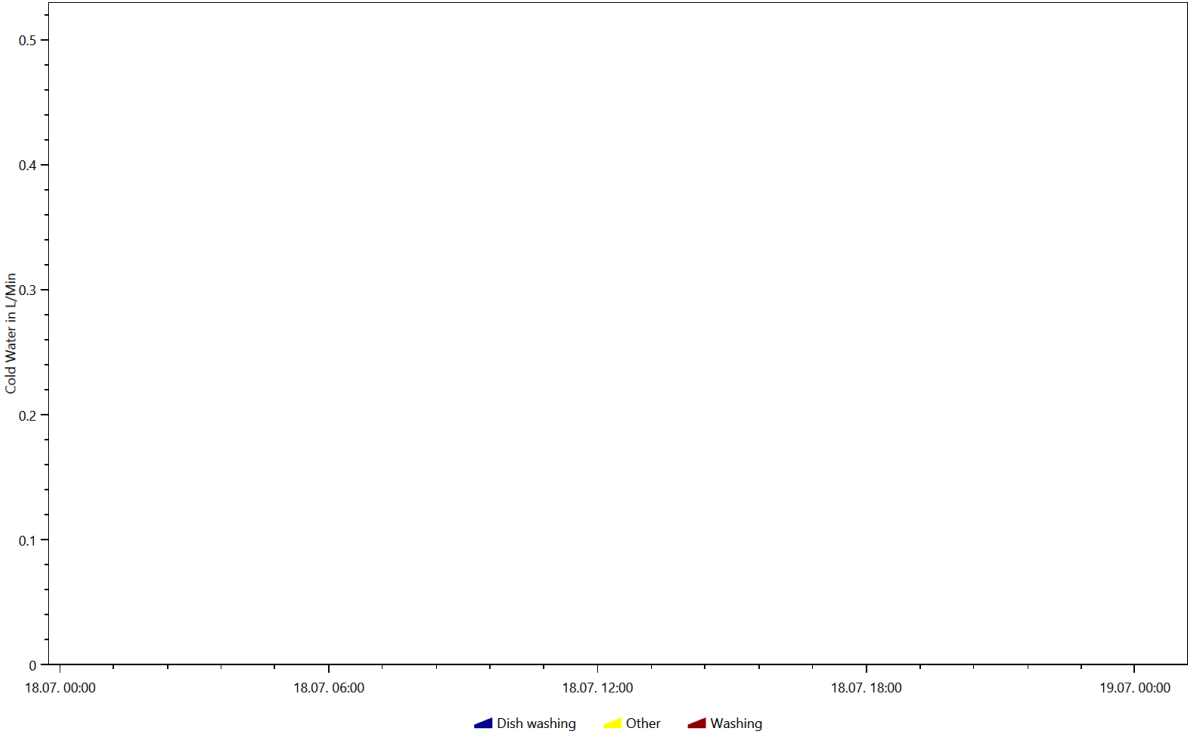
Cold Water, Coloring Scheme: Destatis Water Usage Statistics, Date 2016.9.25



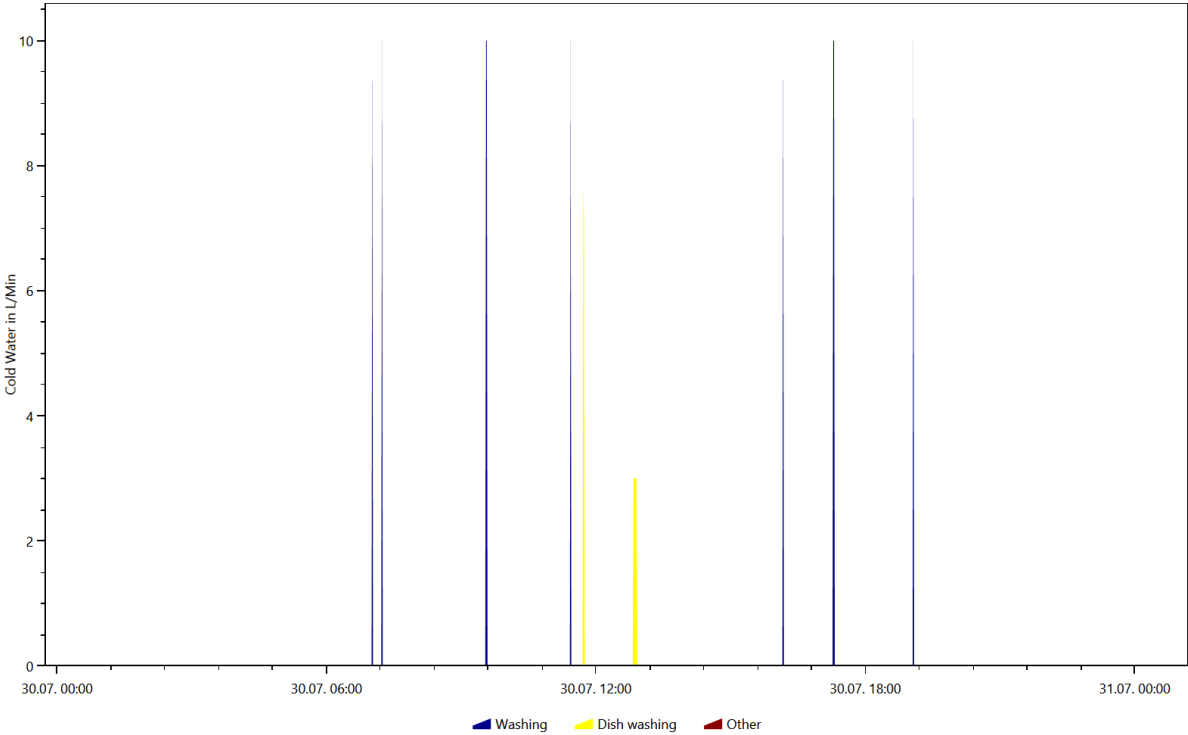
Cold Water, Coloring Scheme: Energieagentur.NRW Tags, Date 2016.5.29



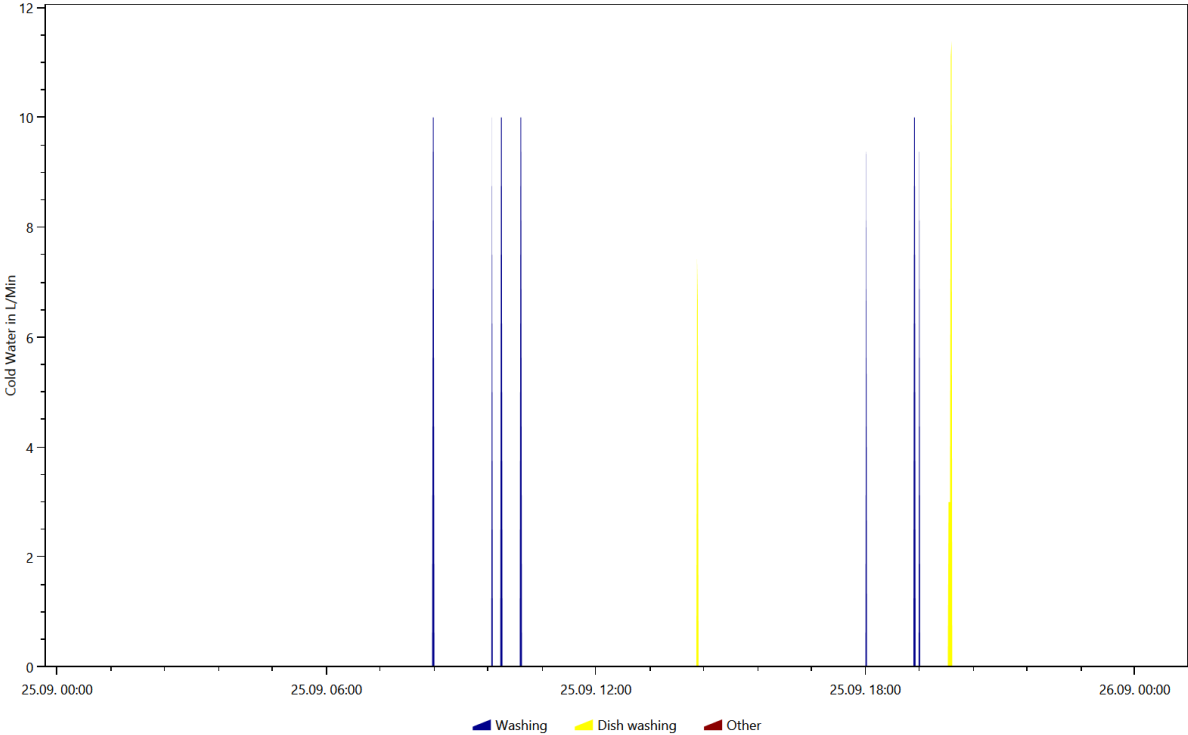
Cold Water, Coloring Scheme: Energieagentur.NRW Tags, Date 2016.7.18



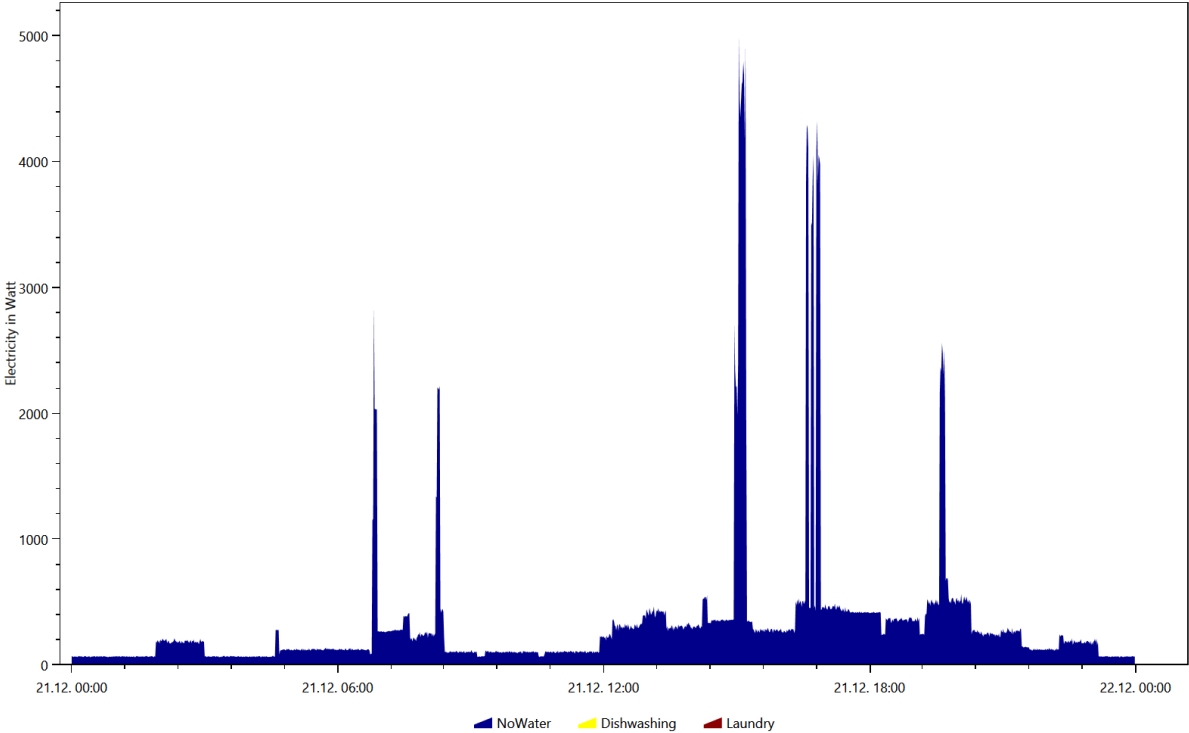
Cold Water, Coloring Scheme: Energieagentur.NRW Tags, Date 2016.7.30



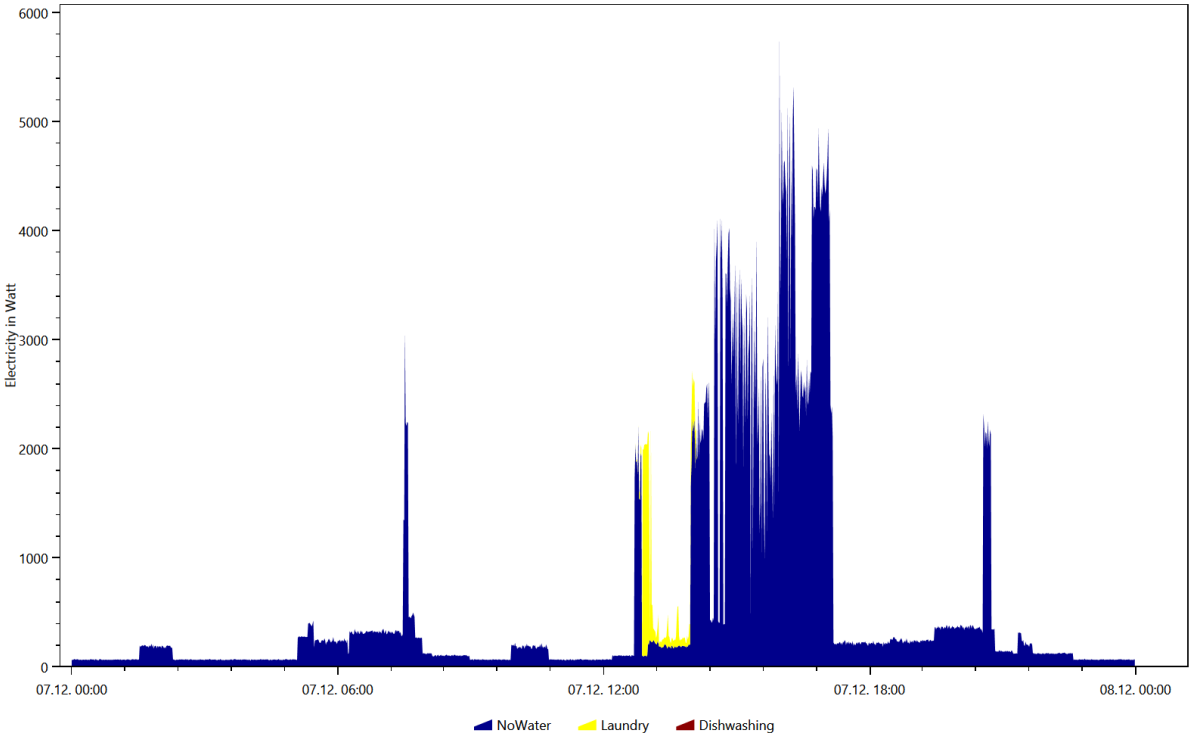
Cold Water, Coloring Scheme: Energieagentur.NRW Tags, Date 2016.9.25



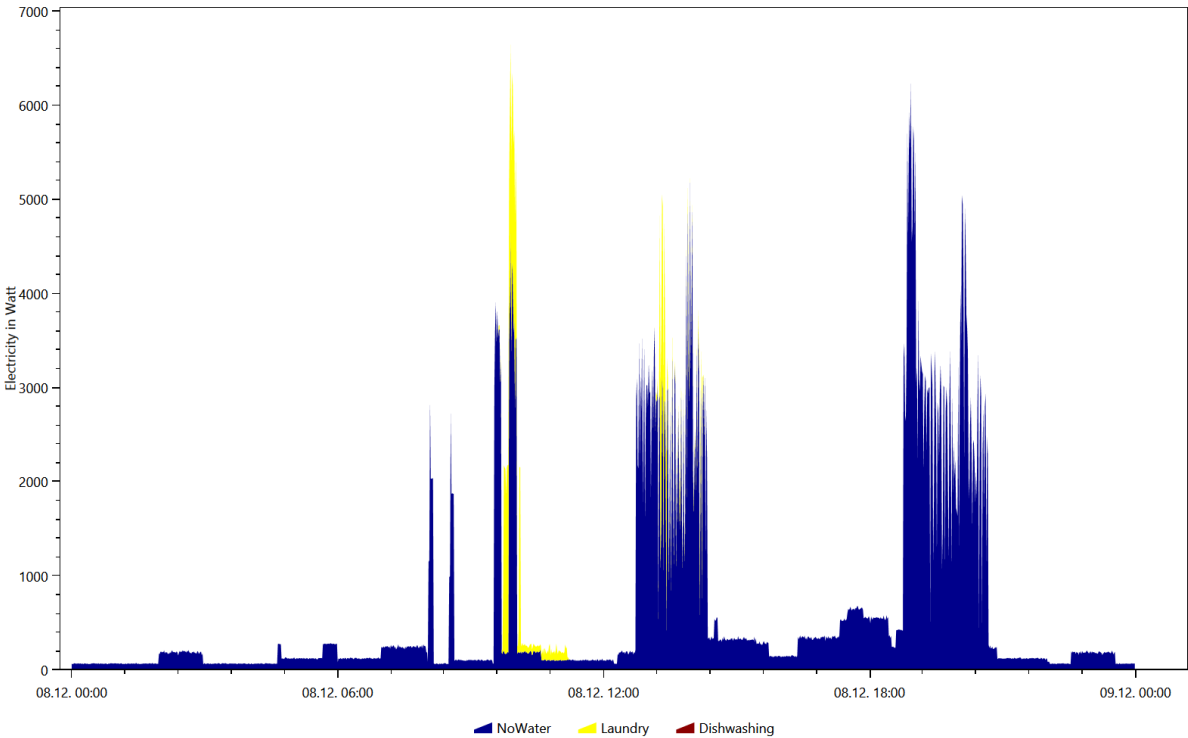
Electricity, Coloring Scheme: Destatis Water Usage Statistics, Date 2016.12.21



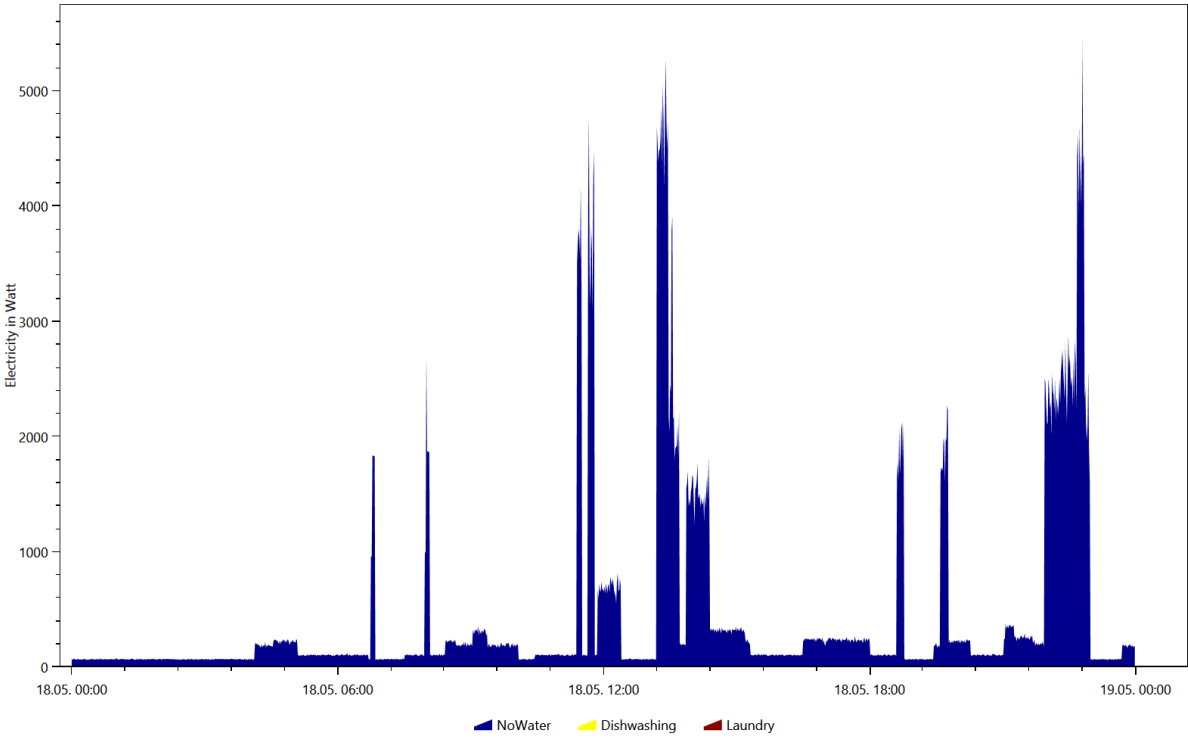
Electricity, Coloring Scheme: Destatis Water Usage Statistics, Date 2016.12.7



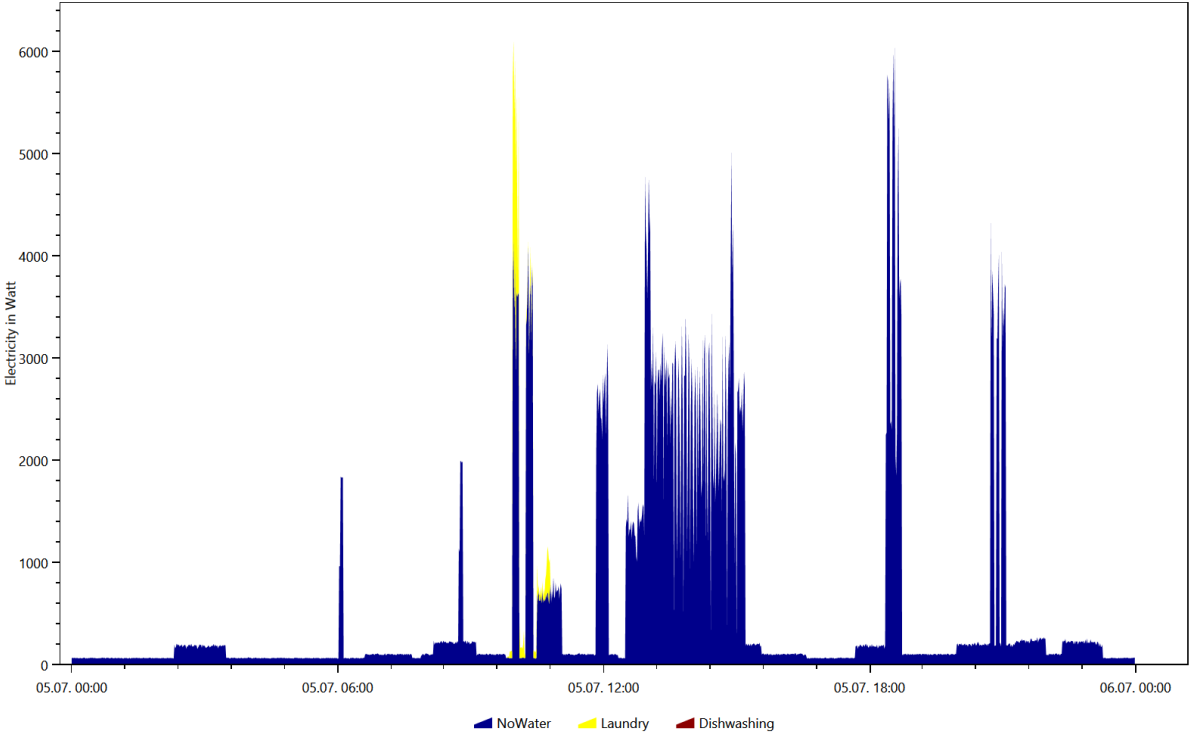
Electricity, Coloring Scheme: Destatis Water Usage Statistics, Date 2016.12.8



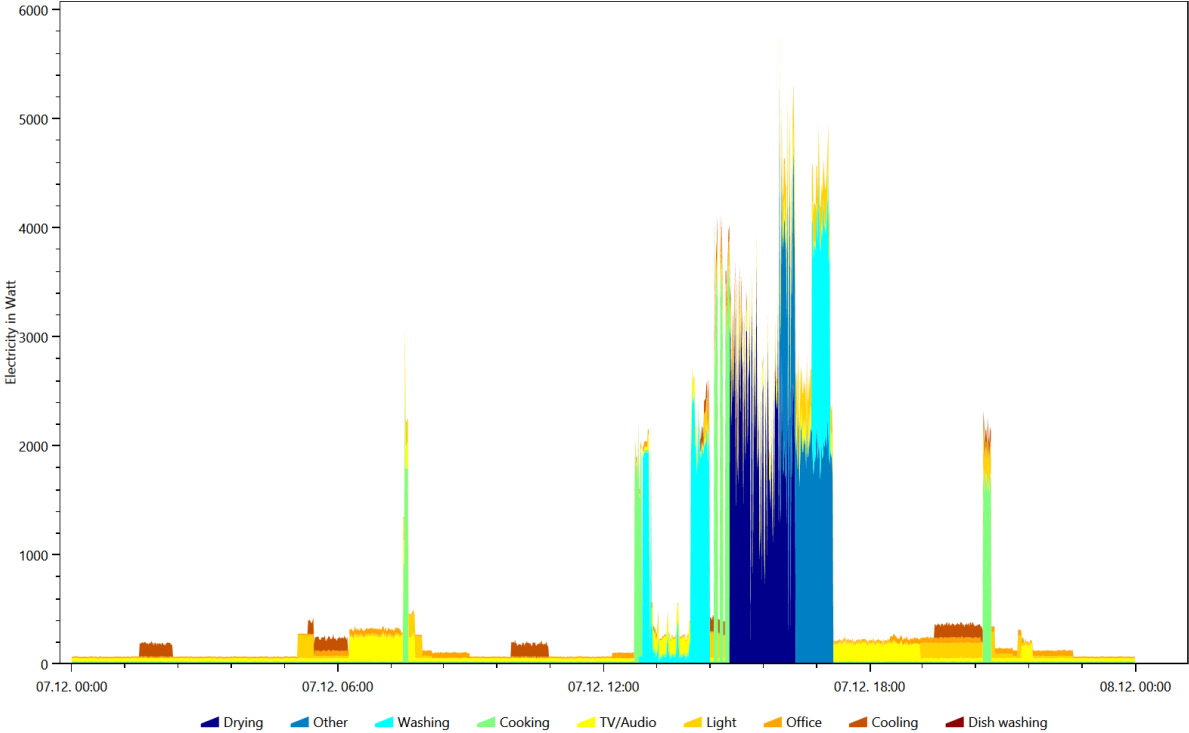
Electricity, Coloring Scheme: Destatis Water Usage Statistics, Date 2016.5.18



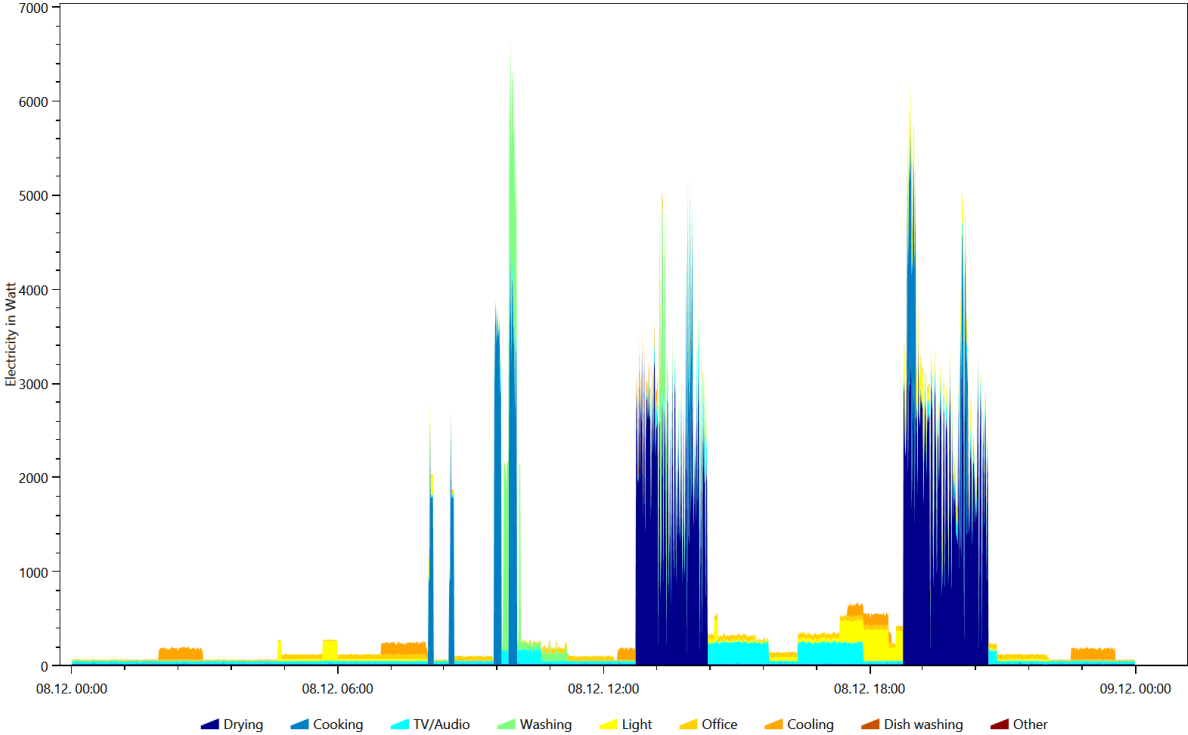
Electricity, Coloring Scheme: Destatis Water Usage Statistics, Date 2016.7.5



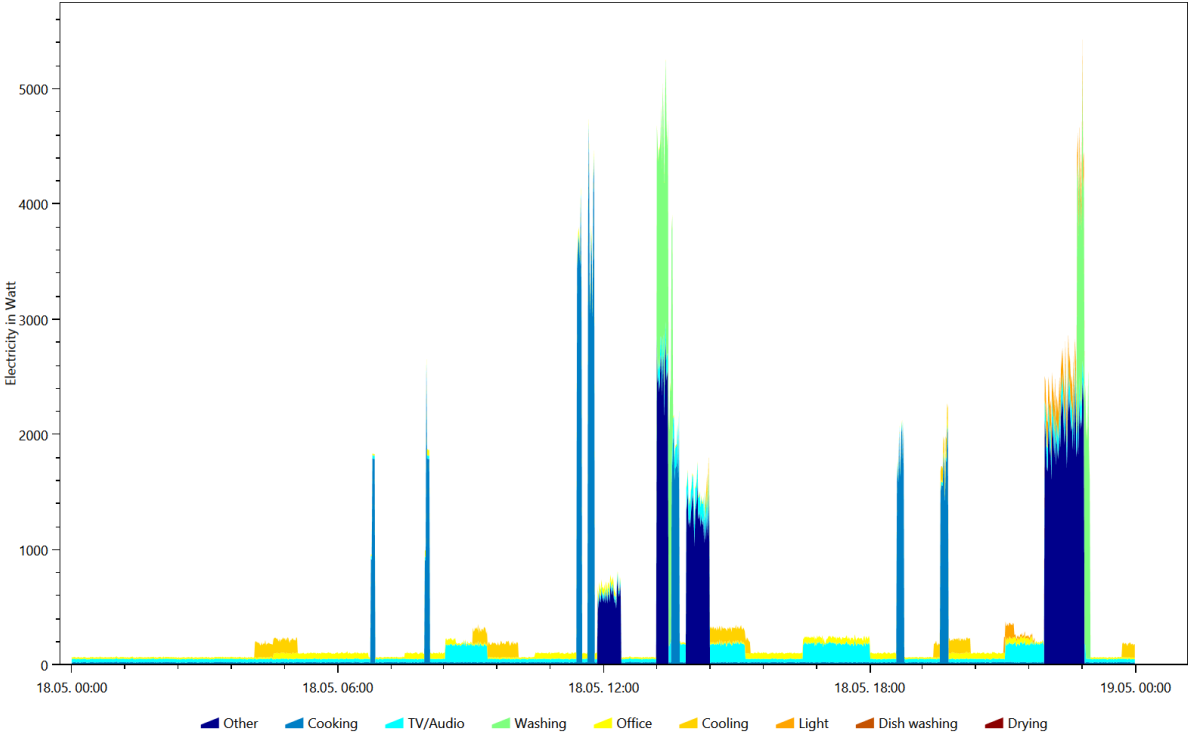
Electricity, Coloring Scheme: Energieagentur.NRW Tags, Date 2016.12.7



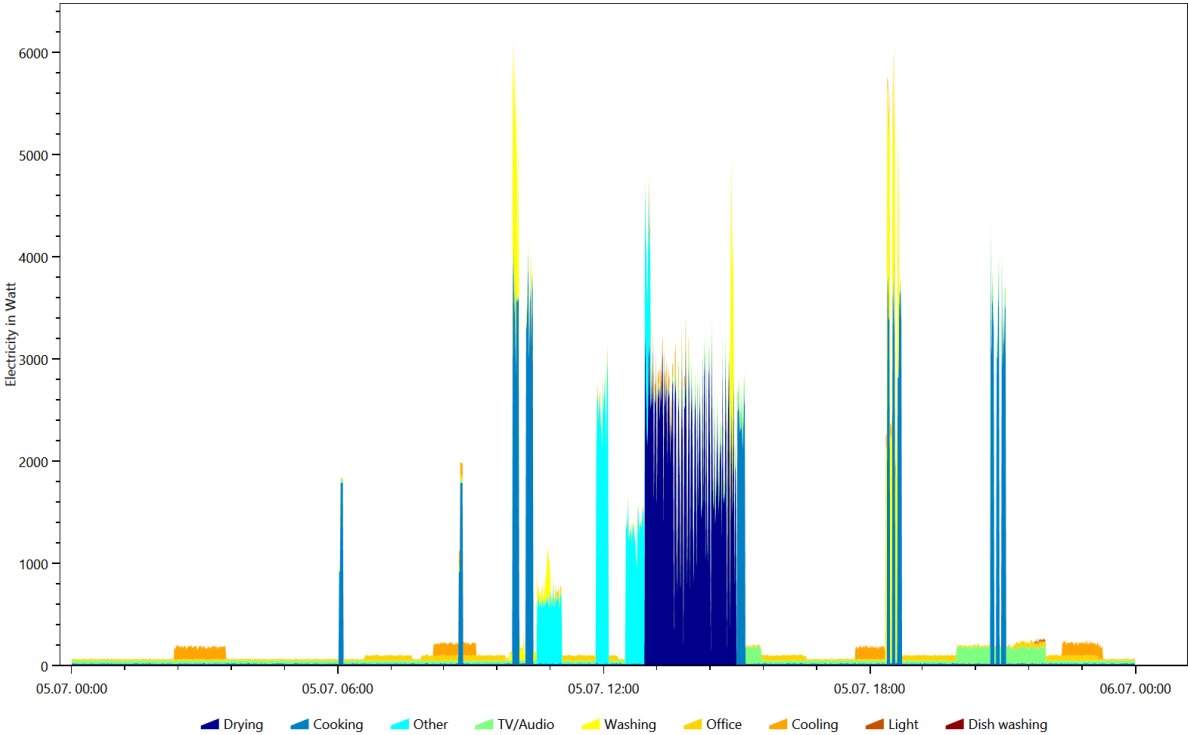
Electricity, Coloring Scheme: Energieagentur.NRW Tags, Date 2016.12.8



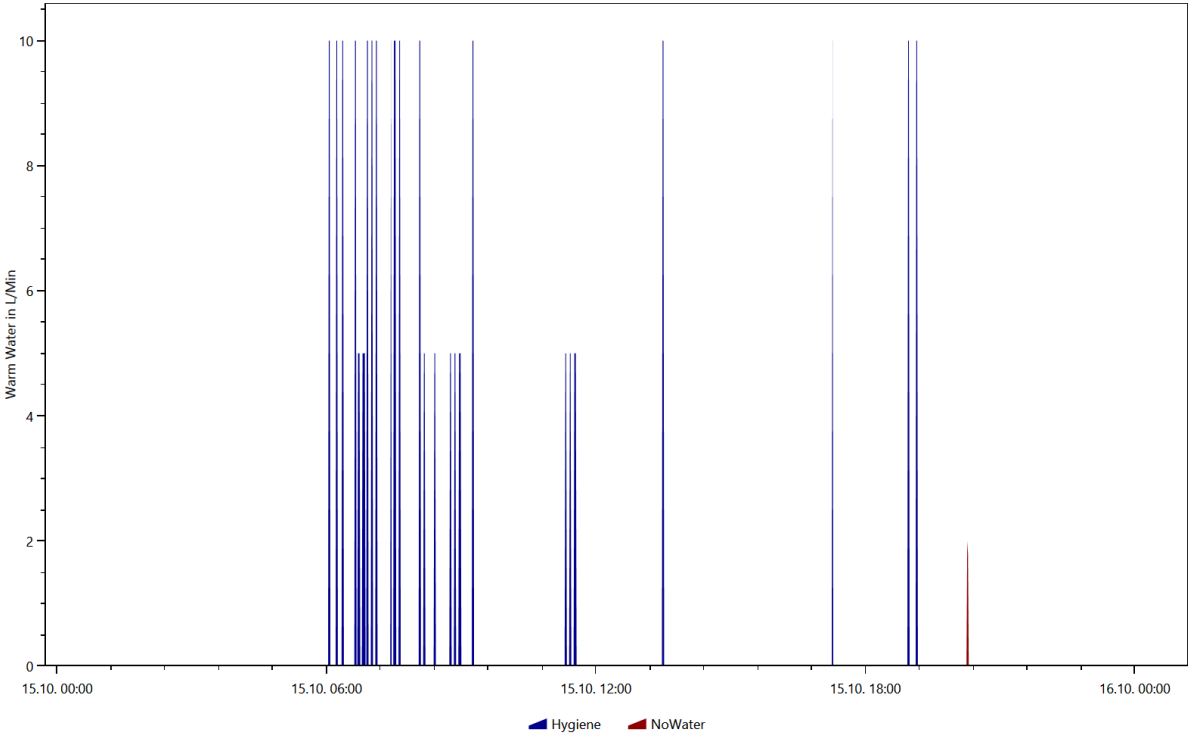
Electricity, Coloring Scheme: Energieagentur.NRW Tags, Date 2016.5.18



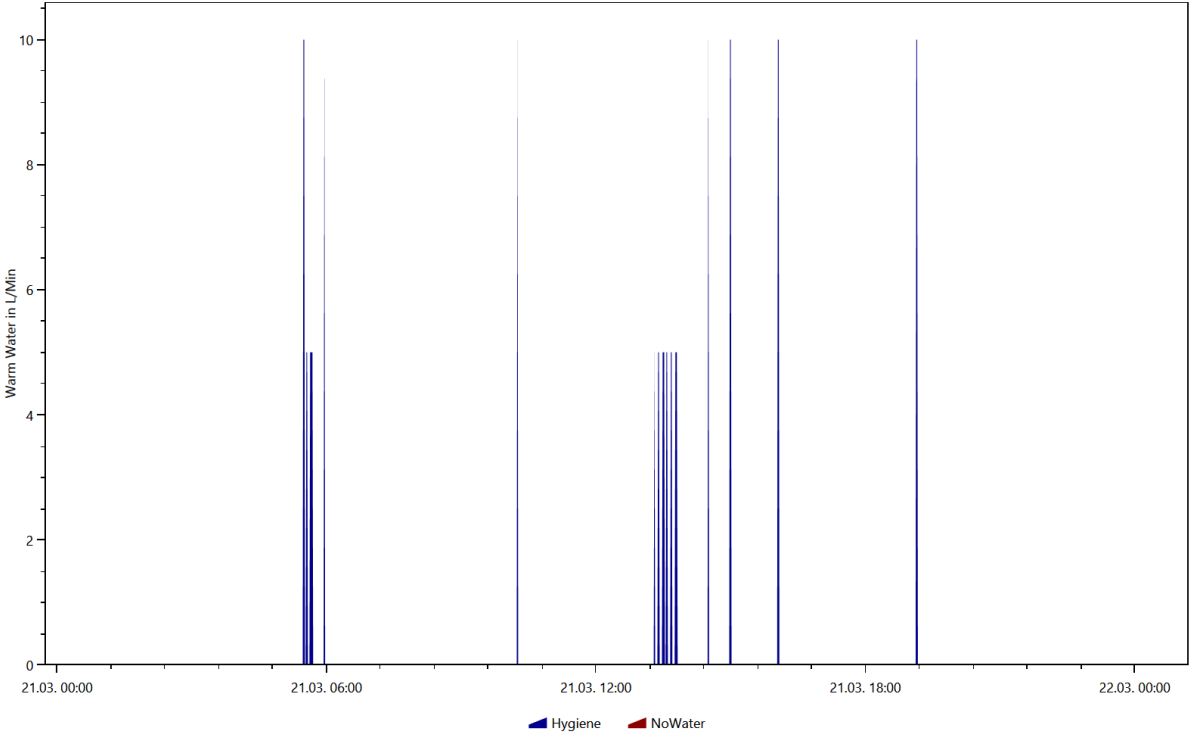
Electricity, Coloring Scheme: Energieagentur.NRW Tags, Date 2016.7.5



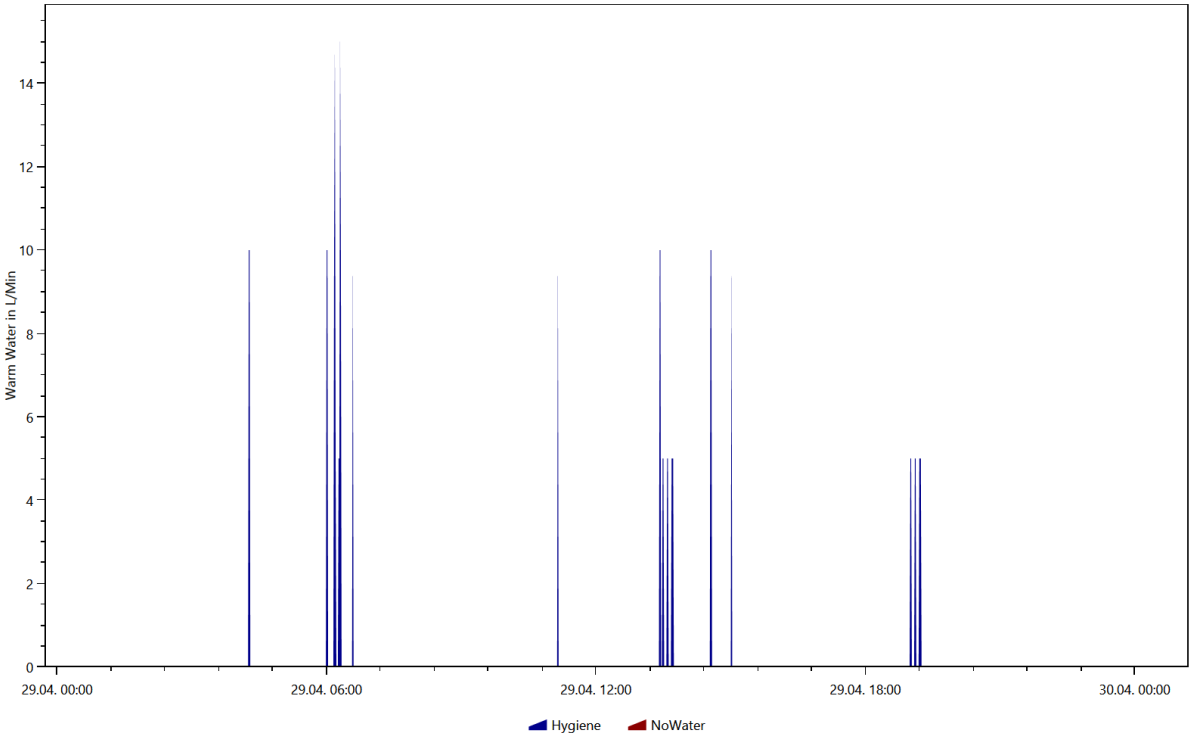
Warm Water, Coloring Scheme: Destatis Water Usage Statistics, Date 2016.10.15



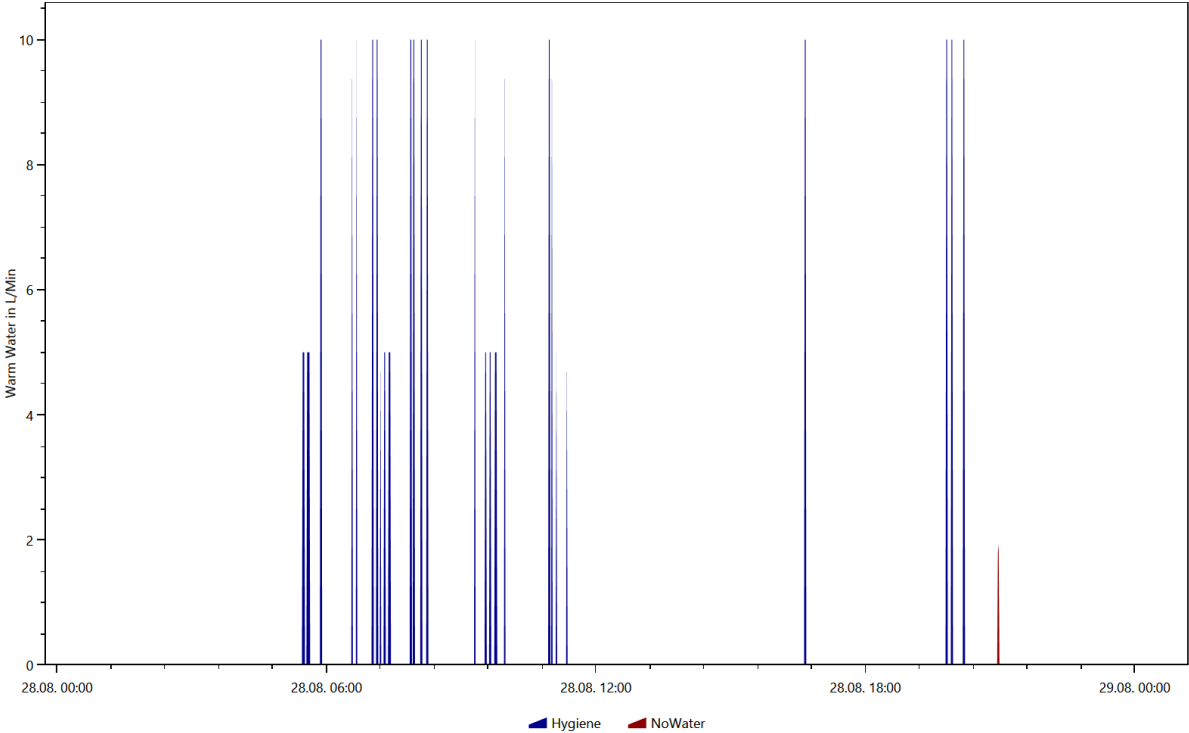
Warm Water, Coloring Scheme: Destatis Water Usage Statistics, Date 2016.3.21



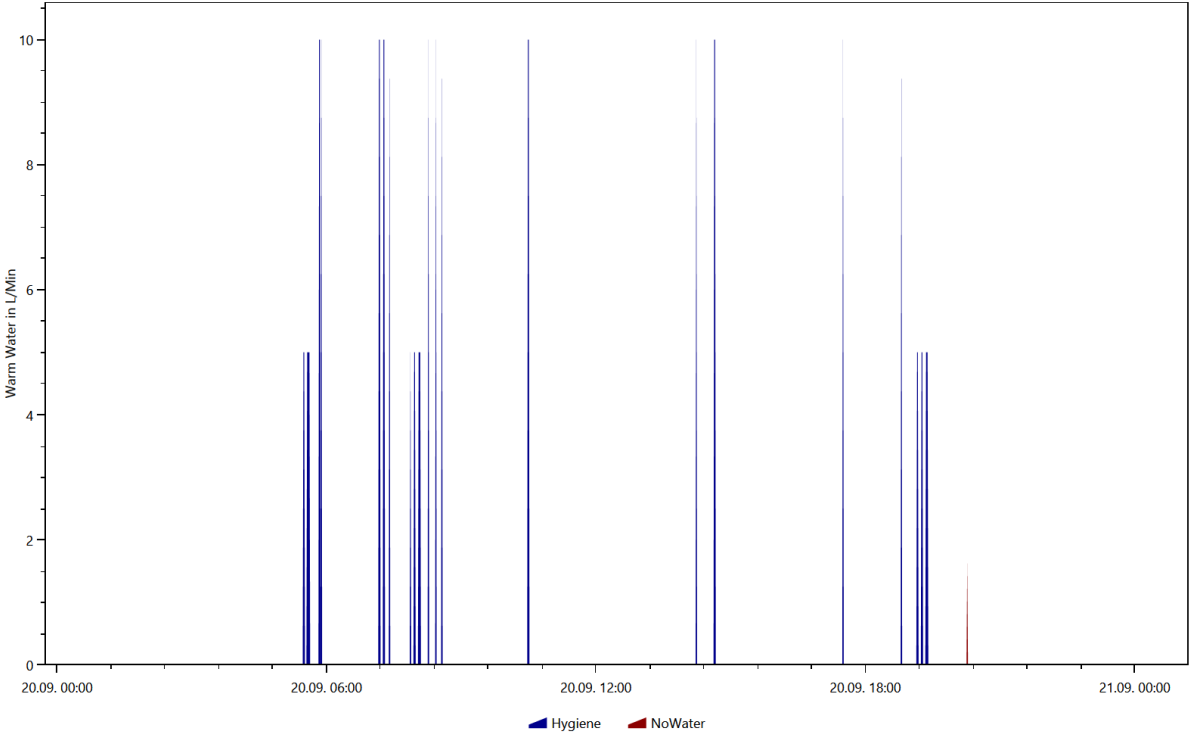
Warm Water, Coloring Scheme: Destatis Water Usage Statistics, Date 2016.4.29



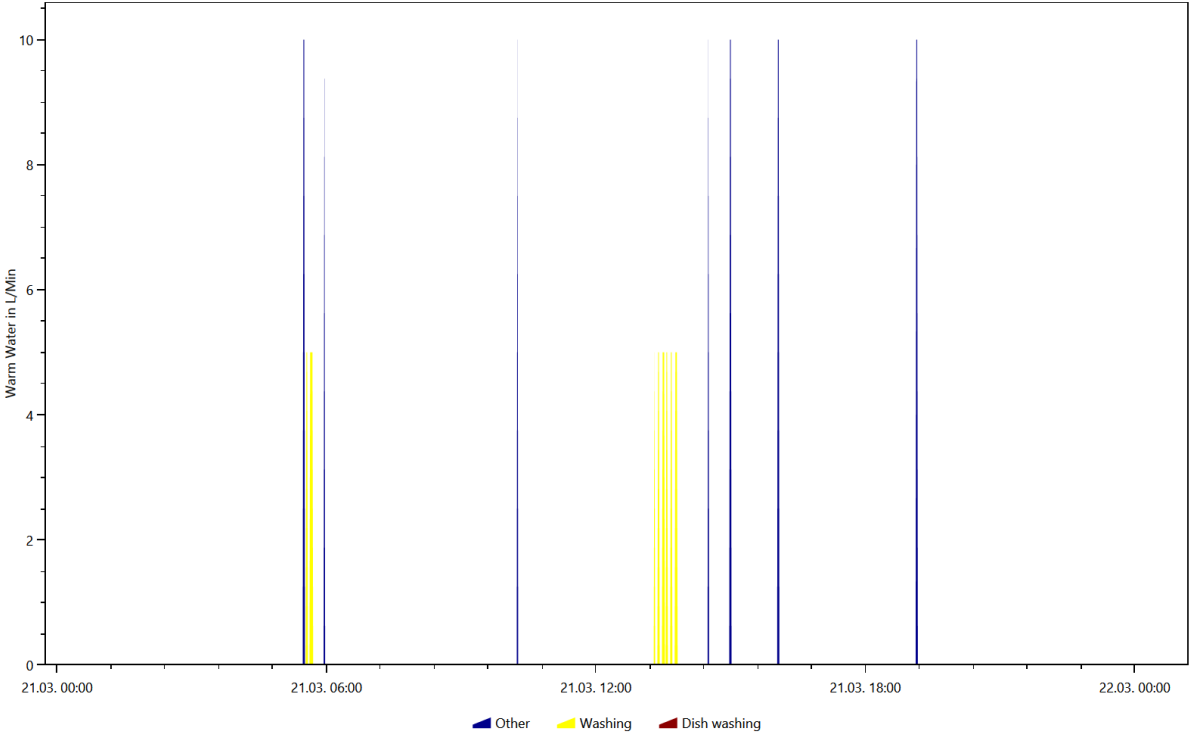
Warm Water, Coloring Scheme: Destatis Water Usage Statistics, Date 2016.8.28



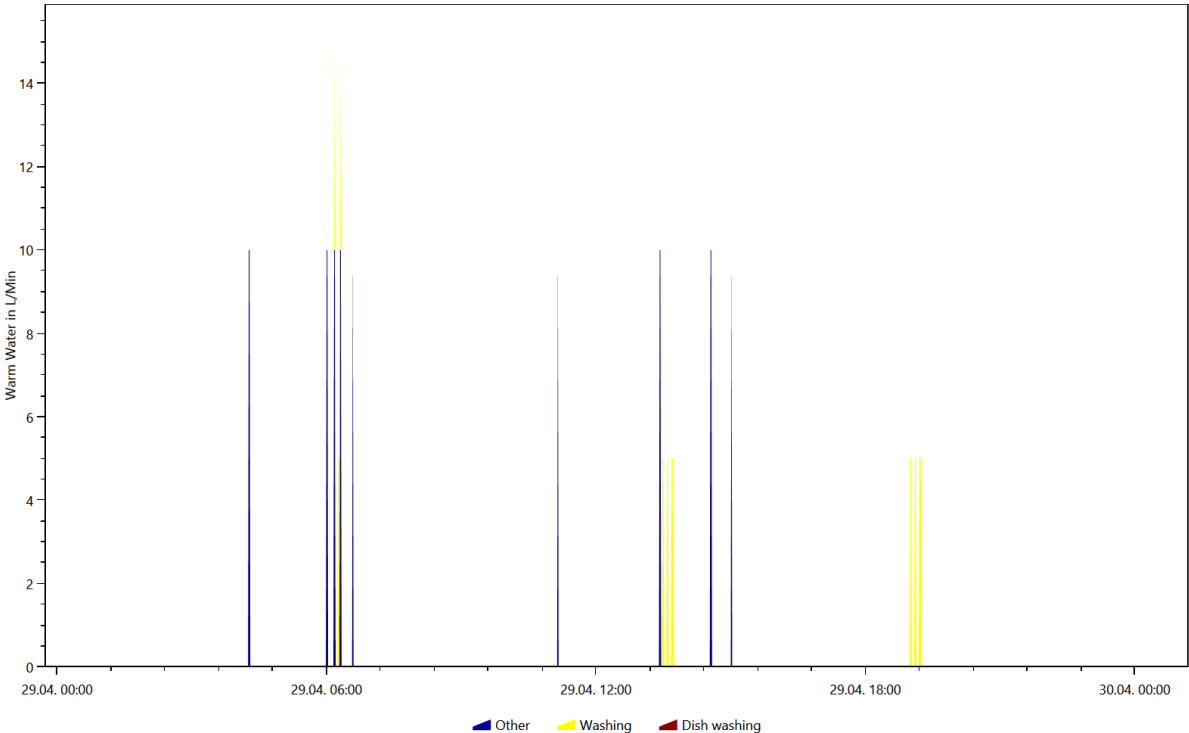
Warm Water, Coloring Scheme: Destatis Water Usage Statistics, Date 2016.9.20



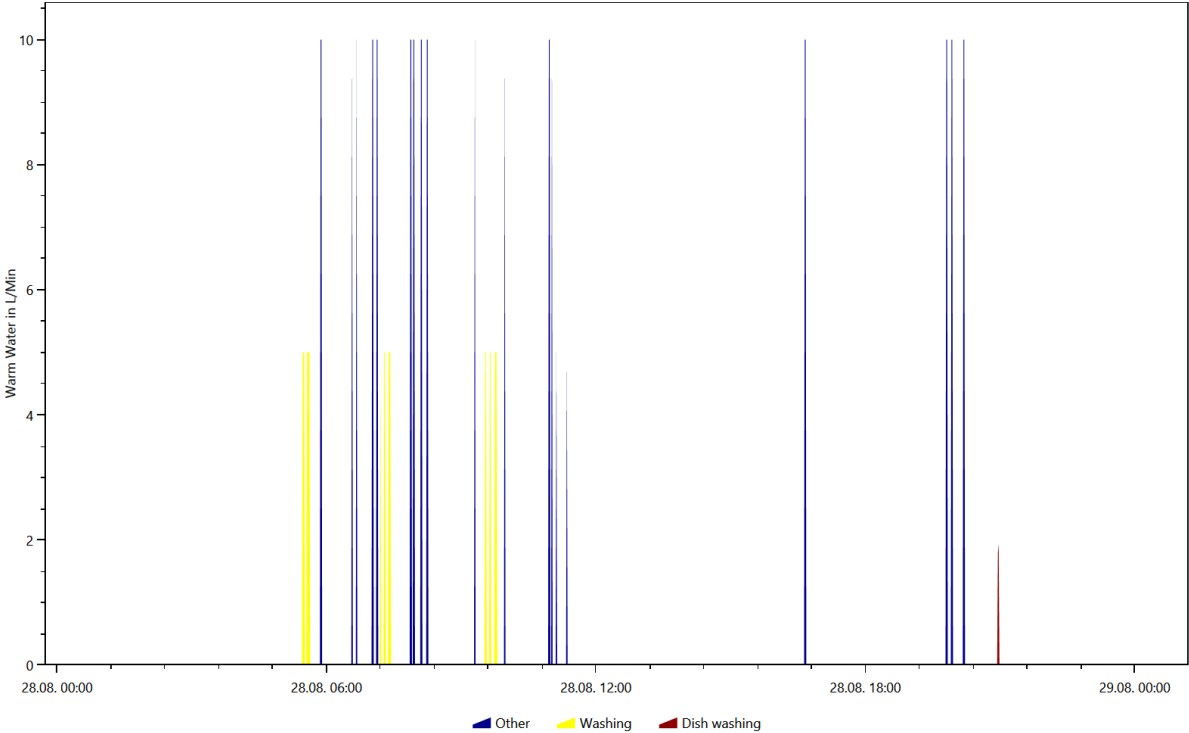
Warm Water, Coloring Scheme: Energieagentur.NRW Tags, Date 2016.3.21



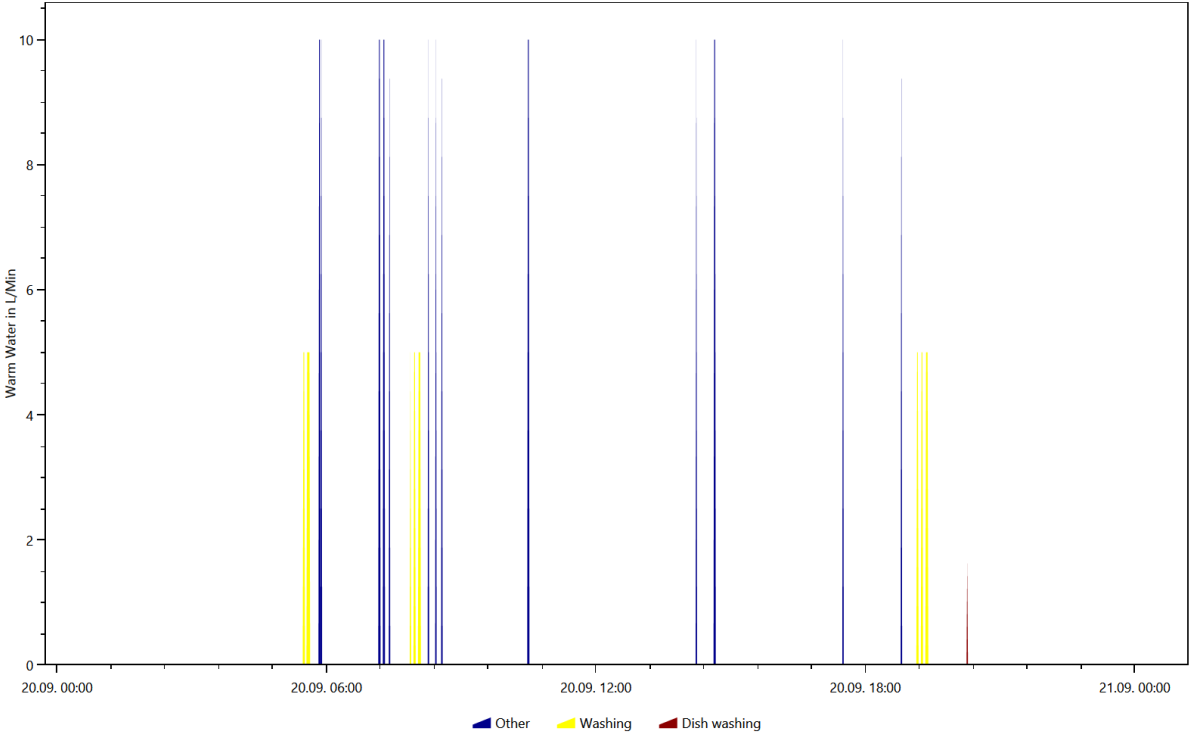
Warm Water, Coloring Scheme: Energieagentur.NRW Tags, Date 2016.4.29



Warm Water, Coloring Scheme: Energieagentur.NRW Tags, Date 2016.8.28



Warm Water, Coloring Scheme: Energieagentur.NRW Tags, Date 2016.9.20

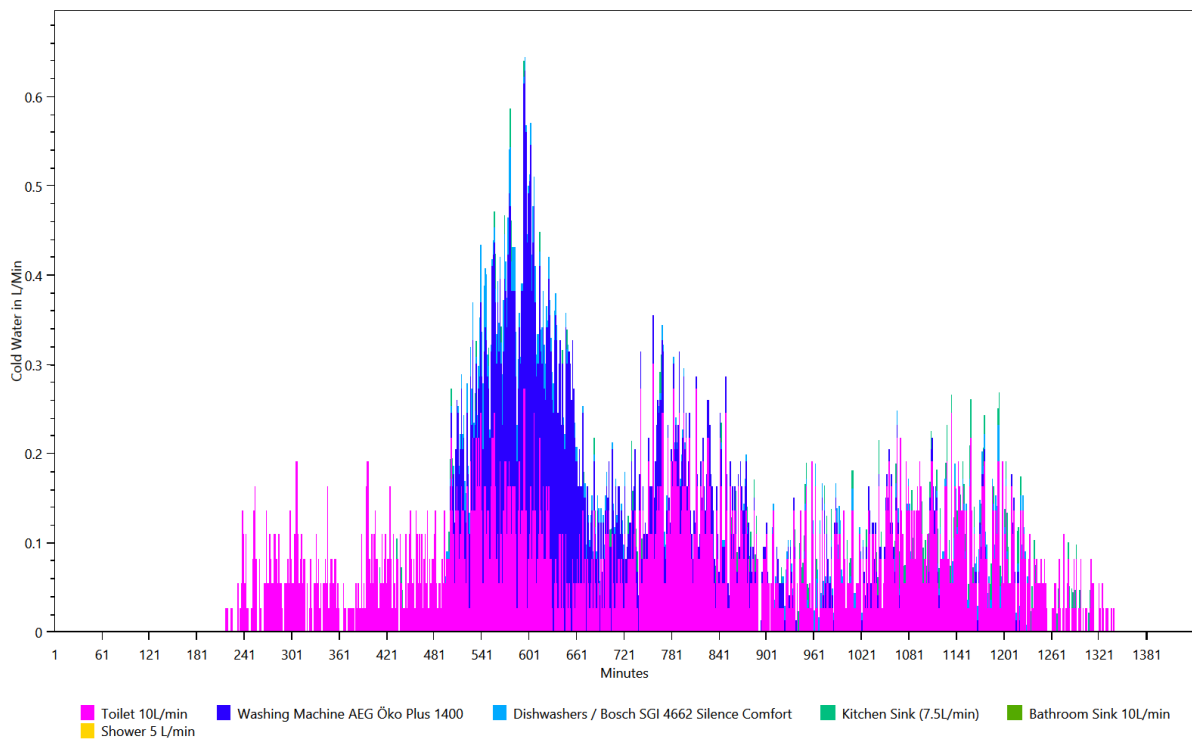


Overview of the time and power of the use per load type per device

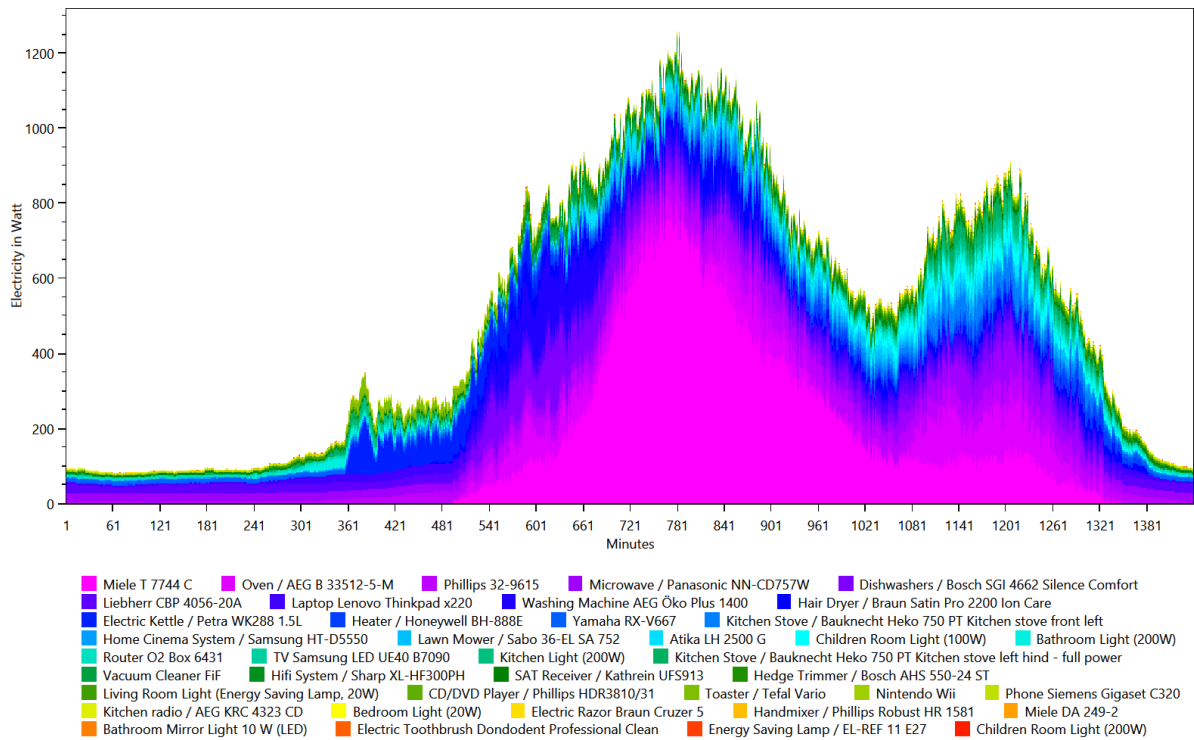
This is made from the files starting with: **TimeOfUseEnergyProfiles**

The time of use energy profiles show when each device was used and how much power it used.

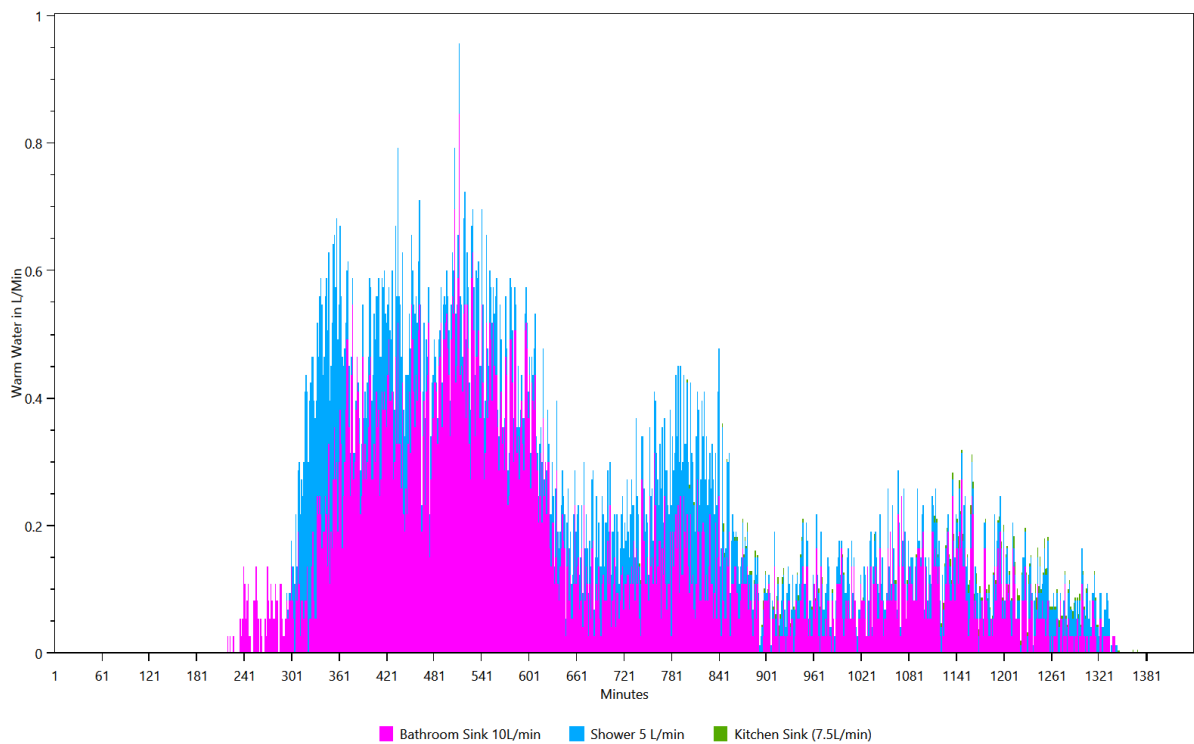
Cold Water



Electricity



Warm Water

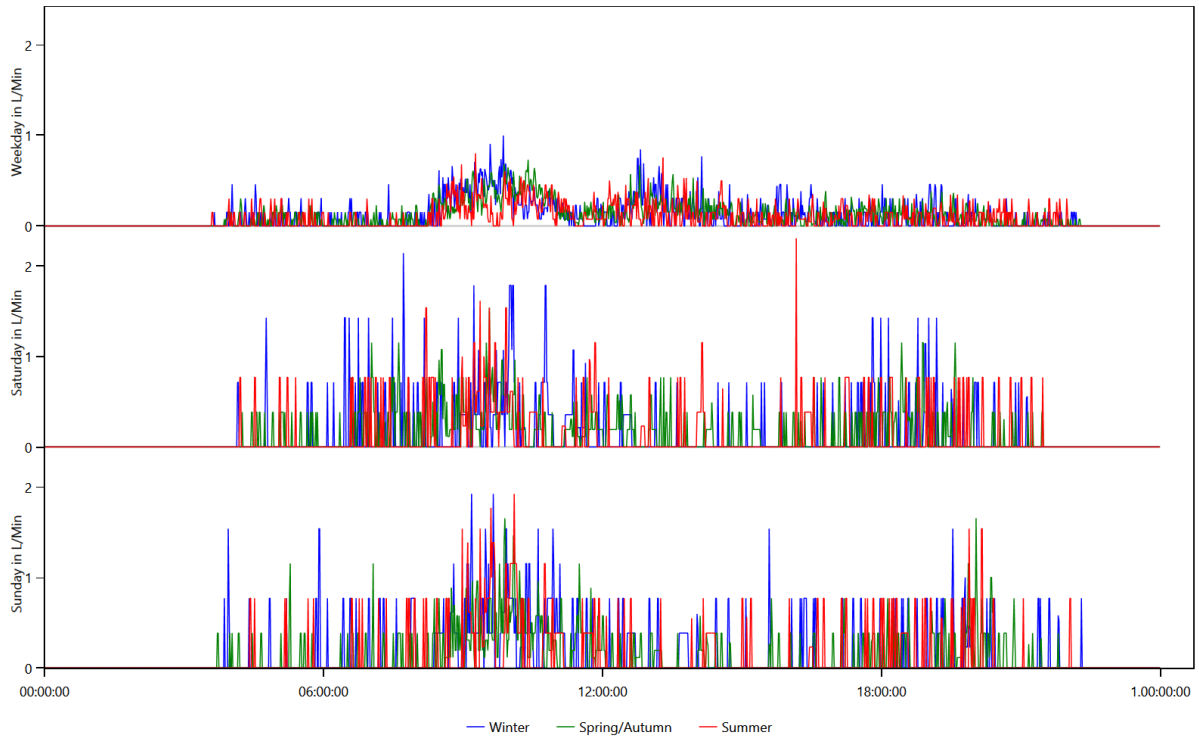


Energy use per load type during different seasons, split by weekday/saturday/sunday

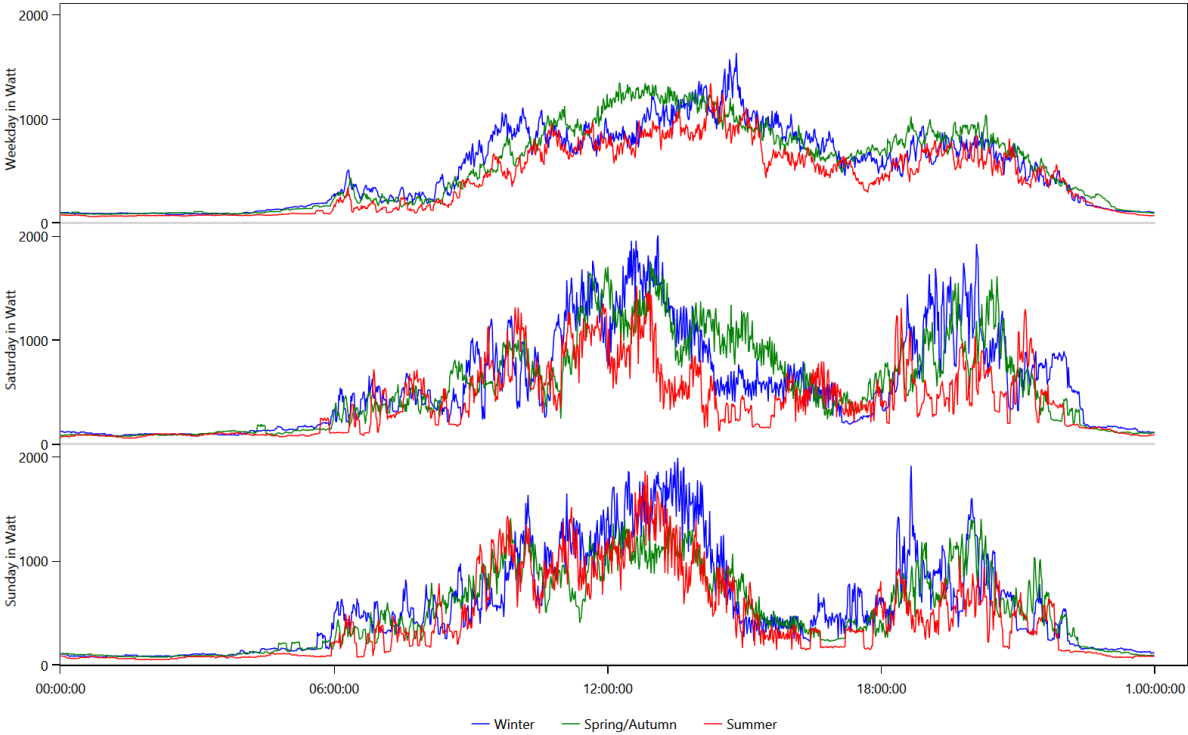
This is made from the files starting with: **WeekdayProfiles**

This graph shows for each load type the average power consumption per day grouped byseason and weekday/saturday/sunday.

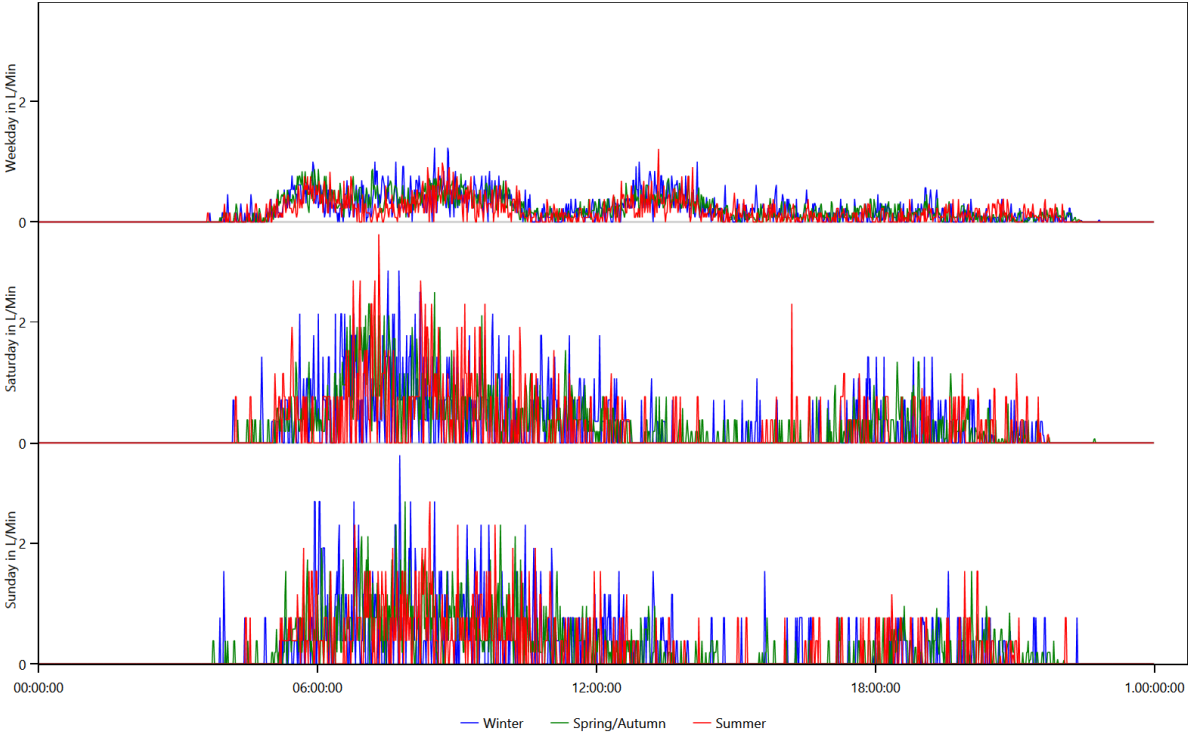
Cold Water



Electricity



Warm Water

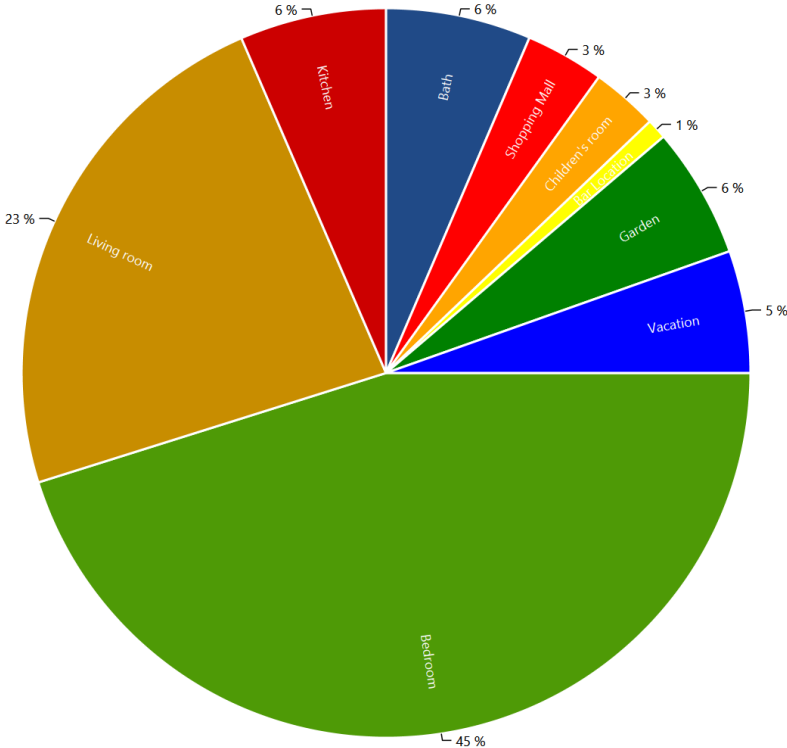


Location Distribution per Person

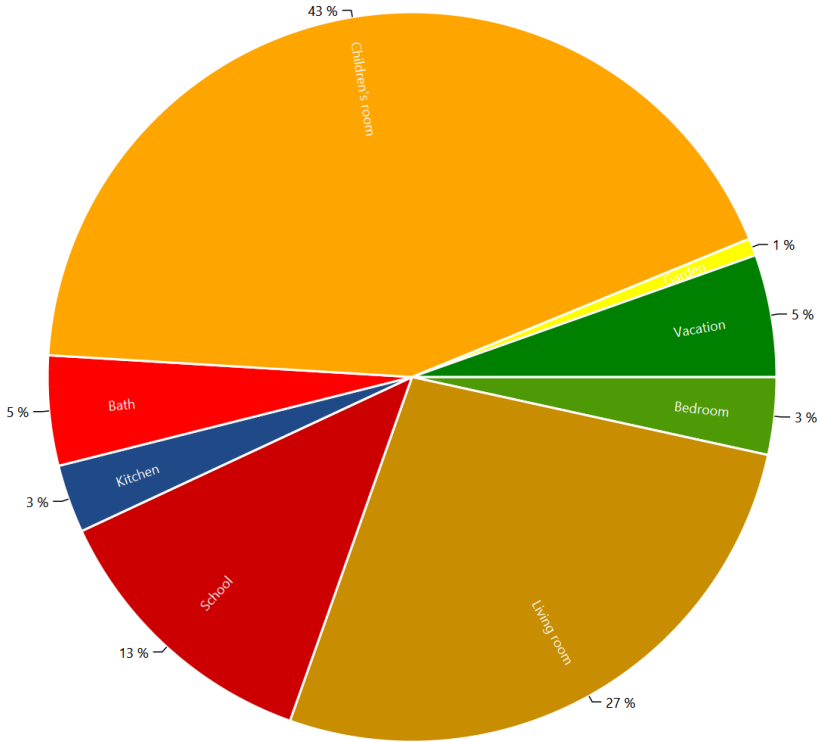
This is made from the files starting with: LocationStatistics

These charts show where the persons spend their time.

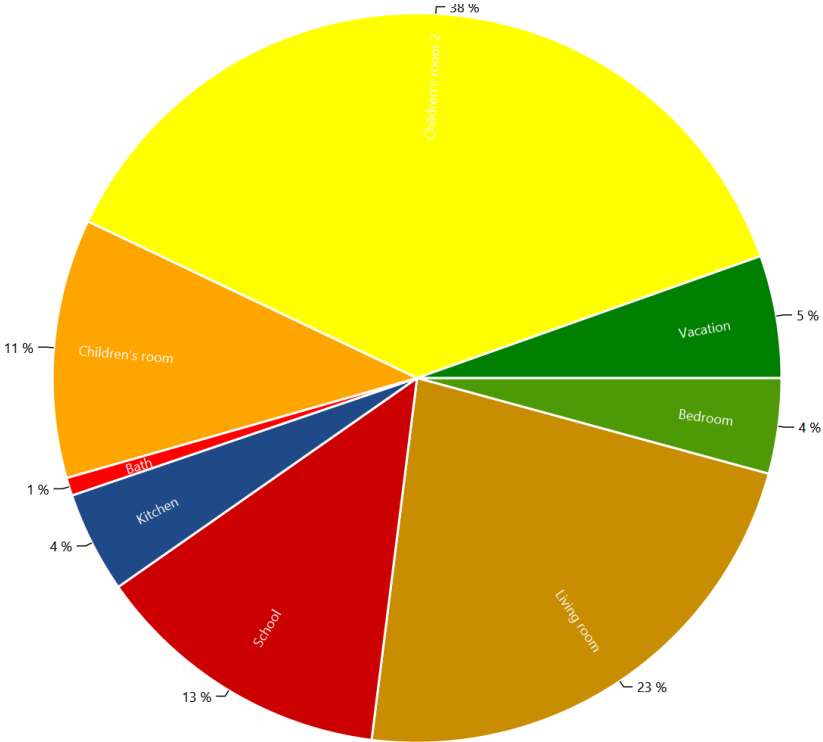
CHR48 Lisa (51 Female)



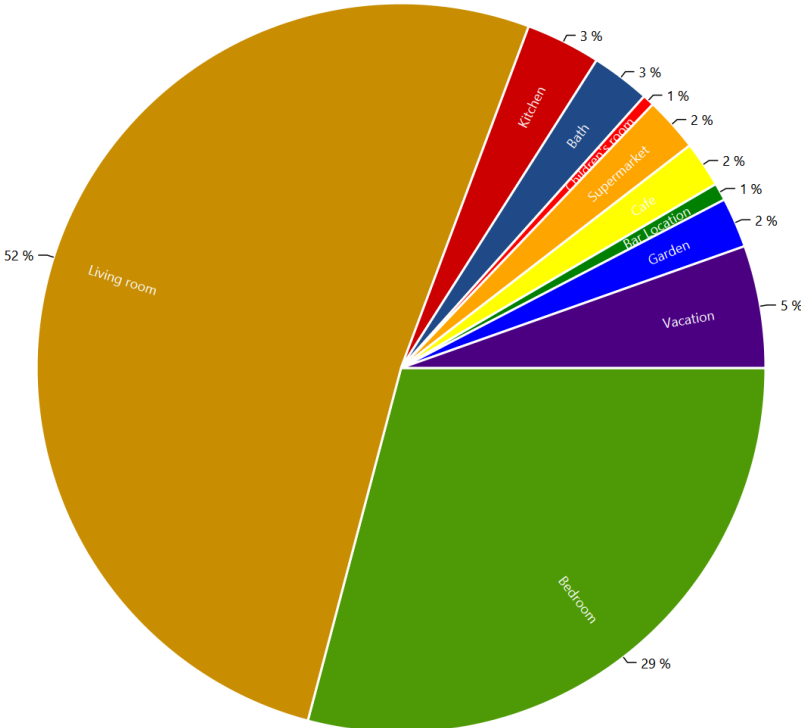
CHR48 Maggie (13 Female)



CHR48 Martin (7 Male)



CHR48 Stefan (51 Male)



Actions.csv

This is made from the files starting with: Actions

These files show the actions of each person in the household. The content looks like this:

Actions.HH0.csv

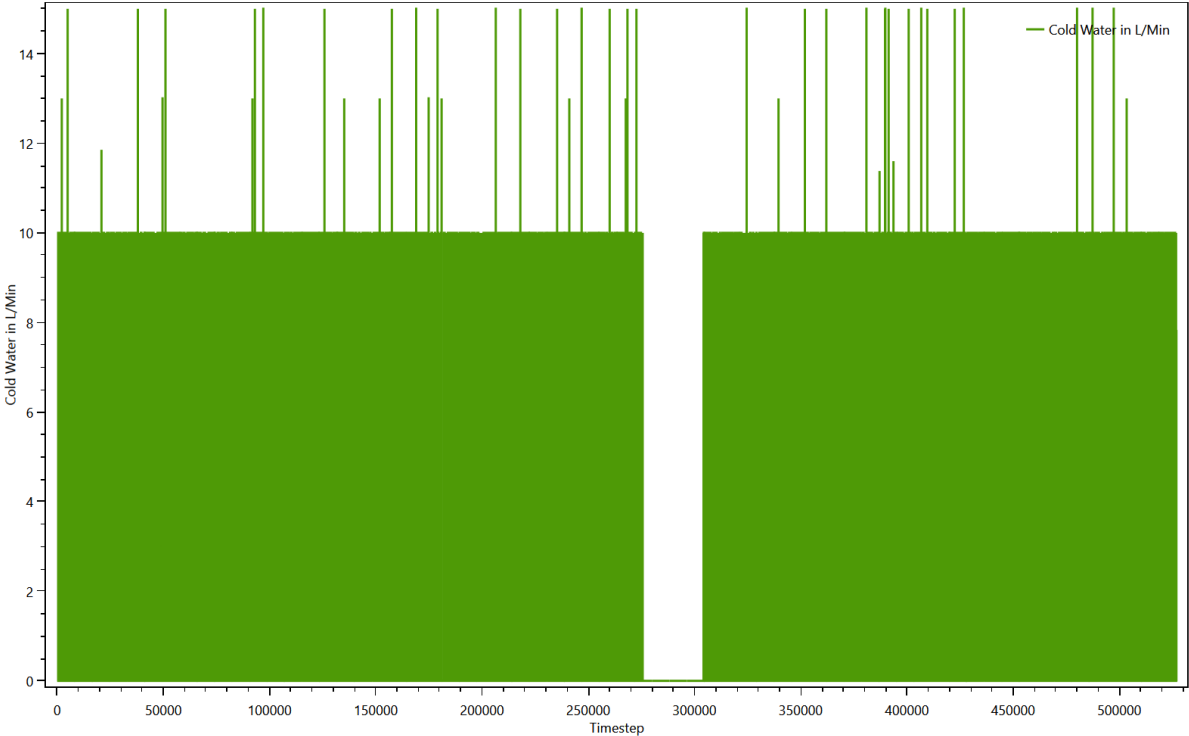
Time step;Calendertime;Person;Selected affordance;Affordance Category;Is Sick
0;01.01.2016 00:00;CHR48 Lisa (51/Female);sleep bed 02 (10 h);sleep;False;
0;01.01.2016 00:00;CHR48 Maggie (13/Female);sleep bed 03 (10 h) Child;sleep;False;
0;01.01.2016 00:00;CHR48 Martin (7/Male);sleep bed 04 (10 h) Child After Dark;sleep;False;
0;01.01.2016 00:00;CHR48 Stefan (51/Male);sleep bed 01 (06 h);sleep;False;
272;01.01.2016 04:32;CHR48 Stefan (51/Male);rest for 10 min;sleep;False;
282;01.01.2016 04:42;CHR48 Stefan (51/Male);use the laptop (1 h);Active Entertainment (Computer, Internet etc);False;
354;01.01.2016 05:54;CHR48 Stefan (51/Male);use the laptop for Internet, Movie, Music, News (2 h);Active Entertainment (Computer, Internet etc);False;
407;01.01.2016 06:47;CHR48 Maggie (13/Female);go to grammar school ;school;False;
422;01.01.2016 07:02;CHR48 Martin (7/Male);go to primary school ;school;False;
457;01.01.2016 07:37;CHR48 Stefan (51/Male);eat small breakfast (25min) interrupting subaff, no alarm;cooking;False;
478;01.01.2016 07:58;CHR48 Stefan (51/Male);go to the toilet;hygiene;False;
484;01.01.2016 08:04;CHR48 Stefan (51/Male);play Wii;Passive Entertainment (TV etc.);False;
502;01.01.2016 08:22;CHR48 Lisa (51/Female);eat small breakfast (25min) interrupting subaff, no alarm;cooking;False;
528;01.01.2016 08:48;CHR48 Lisa (51/Female);get ready in the morning (women);hygiene;False;
538;01.01.2016 08:58;CHR48 Stefan (51/Male);use the laptop (1.5 h);Active Entertainment (Computer, Internet etc);False;
549;01.01.2016 09:09;CHR48 Lisa (51/Female);go to the toilet;hygiene;False;
554;01.01.2016 09:14;CHR48 Lisa (51/Female);do laundry at 30°C (by variable);cleaning;False;
566;01.01.2016 09:26;CHR48 Lisa (51/Female);play board games (1 h);Offline Entertainment;False;
622;01.01.2016 10:22;CHR48 Stefan (51/Male);watch a movie for 2 h with home cinema system;Passive Entertainment (TV etc.);False;

Sum Profiles

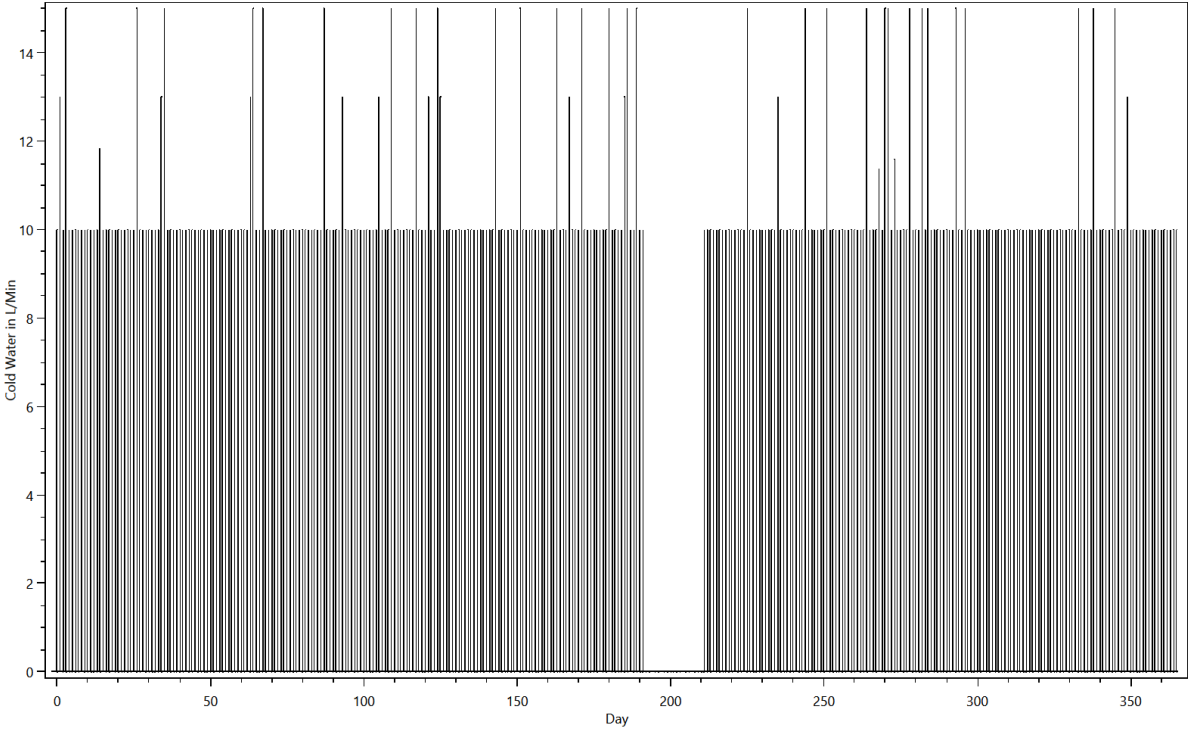
This is made from the files starting with: SumProfiles

This shows the energy use during the simulation.

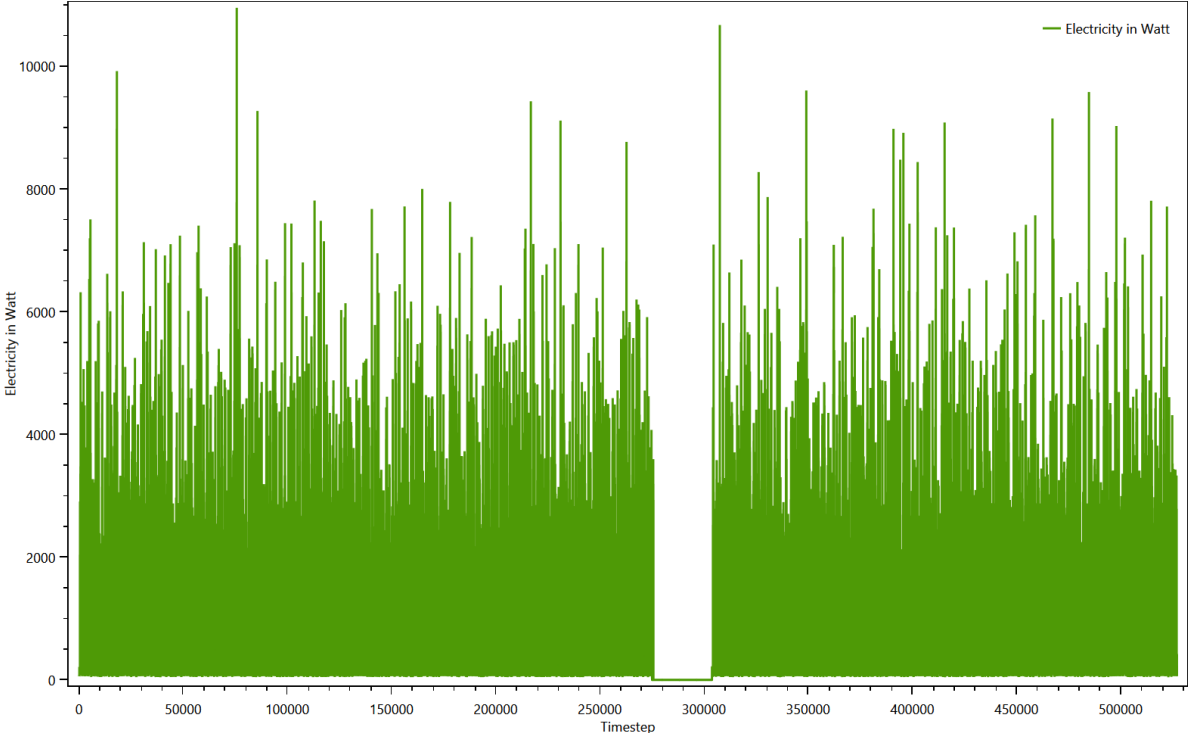
[Summed up curve for Cold Water from SumProfiles.Cold Water.png](#)



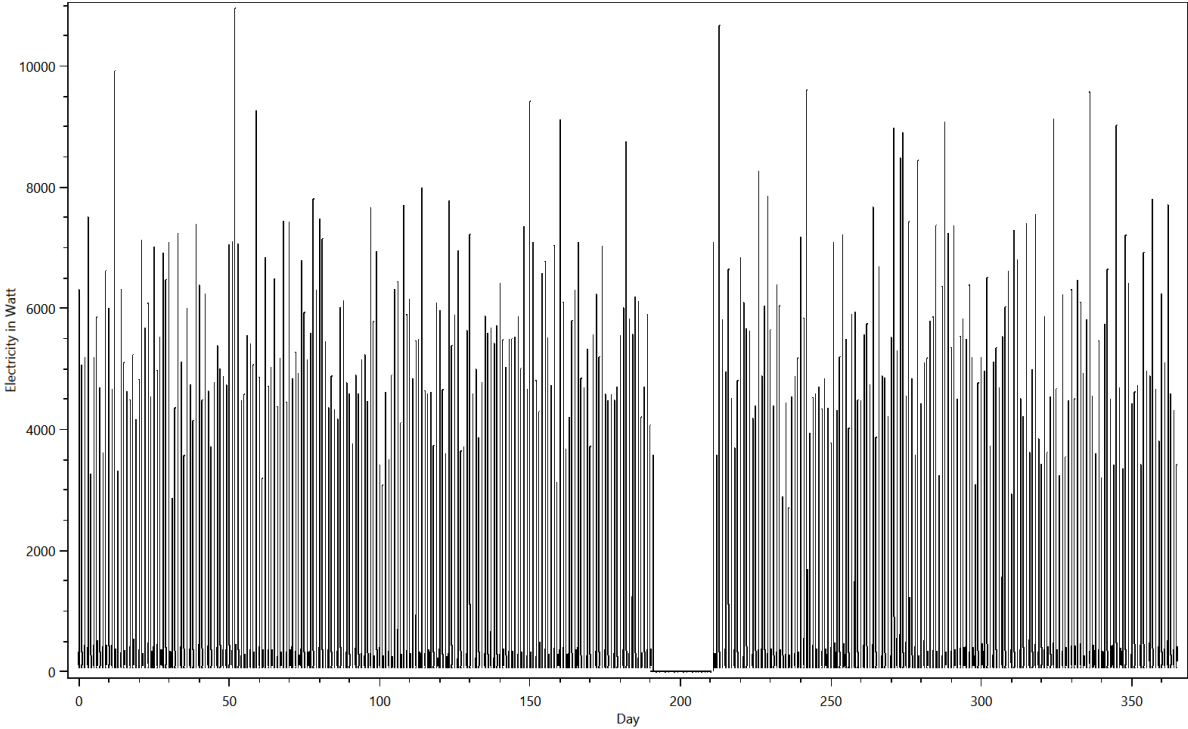
Summed up curve for Cold WaterMinMax from SumProfiles.Cold WaterMinMax.png



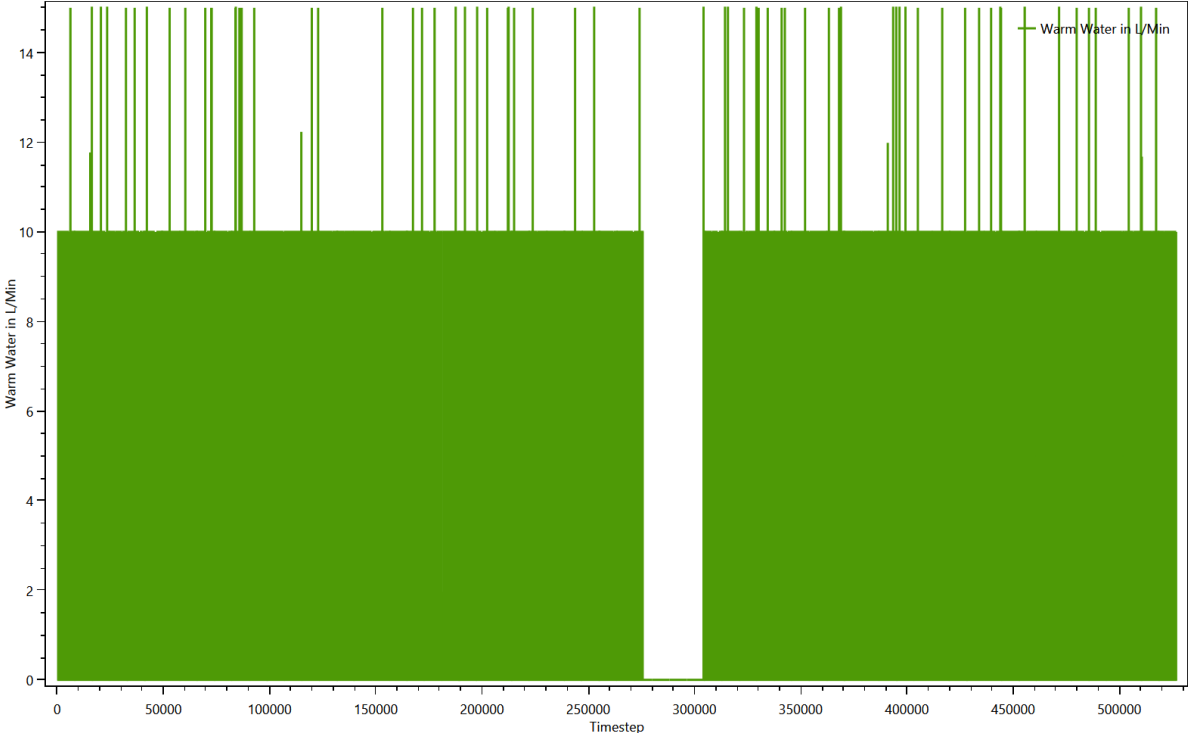
Summed up curve for Electricity from SumProfiles.Electricity.png



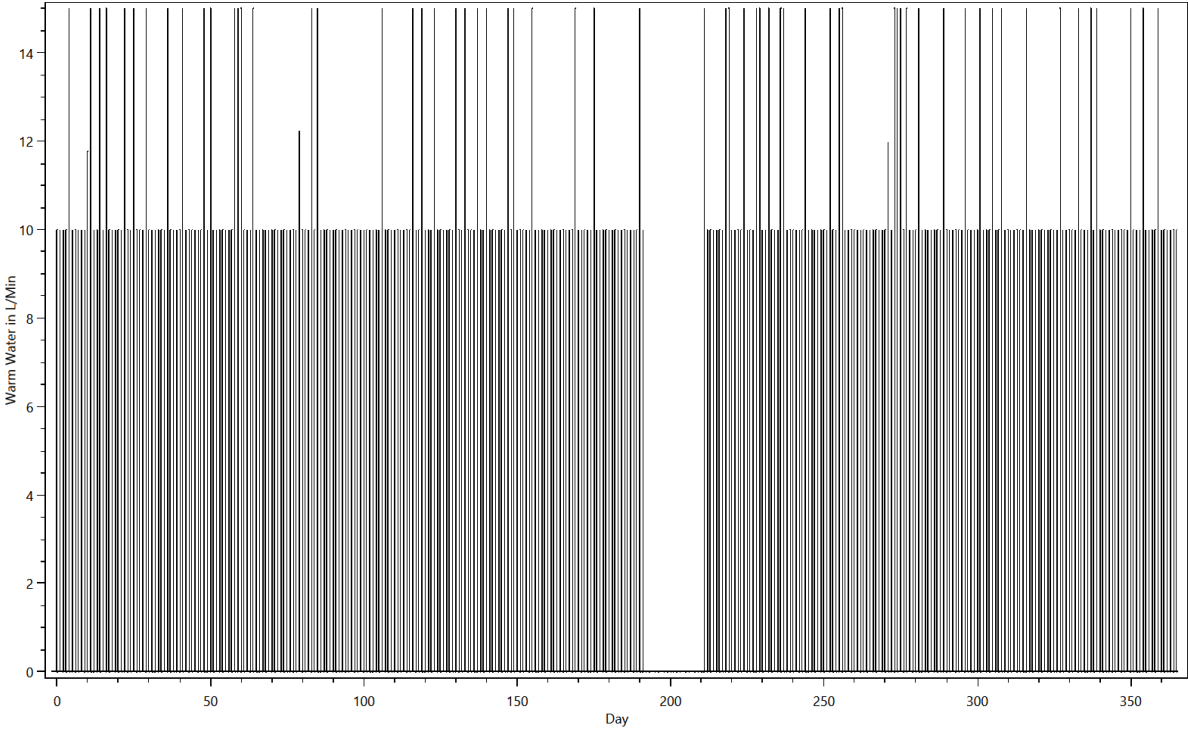
Summed up curve for ElectricityMinMax from SumProfiles.ElectricityMinMax..png



Summed up curve for Warm Water from SumProfiles.Warm Water.png



Summed up curve for Warm WaterMinMax from SumProfiles.Warm WaterMinMax.png



Time Profiles

This is made from the files starting with: Time Profiles

These files show which time profiles were used for each device and how often. The content looks like this:

TimeProfiles.HH0.CHR48 Family with 2 children, without work 0.txt

Device;Load Type;Profile;Number of Activations

Atika LH 2500 G;Electricity;0 h 15 min 100% [Synthetic];117

Bar;None;04 h 0 min 100% [Synthetic];35

Bathroom Light (200W);Electricity;Bath - light [Synthetic for Light Device];1122

Bathroom Mirror Light 10 W (LED);Electricity;Bath - light [Synthetic for Light Device];1122

Bathroom Sink 10L/min;Warm Water;0 h 01 min 100% [Synthetic];4350

Bathroom Sink 10L/min;Warm Water;0 h 01 min 50% [Synthetic];438

Bed 1;None;06 h 0 min 100% [Synthetic];346

Bed 2;None;10 h 0 min 100% [Synthetic];348

Bed 3 (Children);None;10 h 0 min 100% [Synthetic];349

Bed 4;None;10 h 0 min 100% [Synthetic];348

Bedroom Light (20W);Electricity;Bedroom - light [Synthetic for Light Device];623

Board Games;None;01 h 0 min 100% [Synthetic];361

Book;None;01 h 0 min 100% [Synthetic];124

CD/DVD Player / Phillips HDR3810/31;Electricity;01 h 30 min 100% [Synthetic];572

CD/DVD Player / Phillips HDR3810/31;Electricity;02 h 0 min 100% [Synthetic];59

CD/DVD Player / Phillips HDR3810/31;Electricity;Standby TV / Receiver 1 h 0 min 3% [Synthetic];8301

Cafe Table;None;03 h 0 min 100 % [Synthetic];60

Chair;None;0 h 10 min 100% [Synthetic];1103

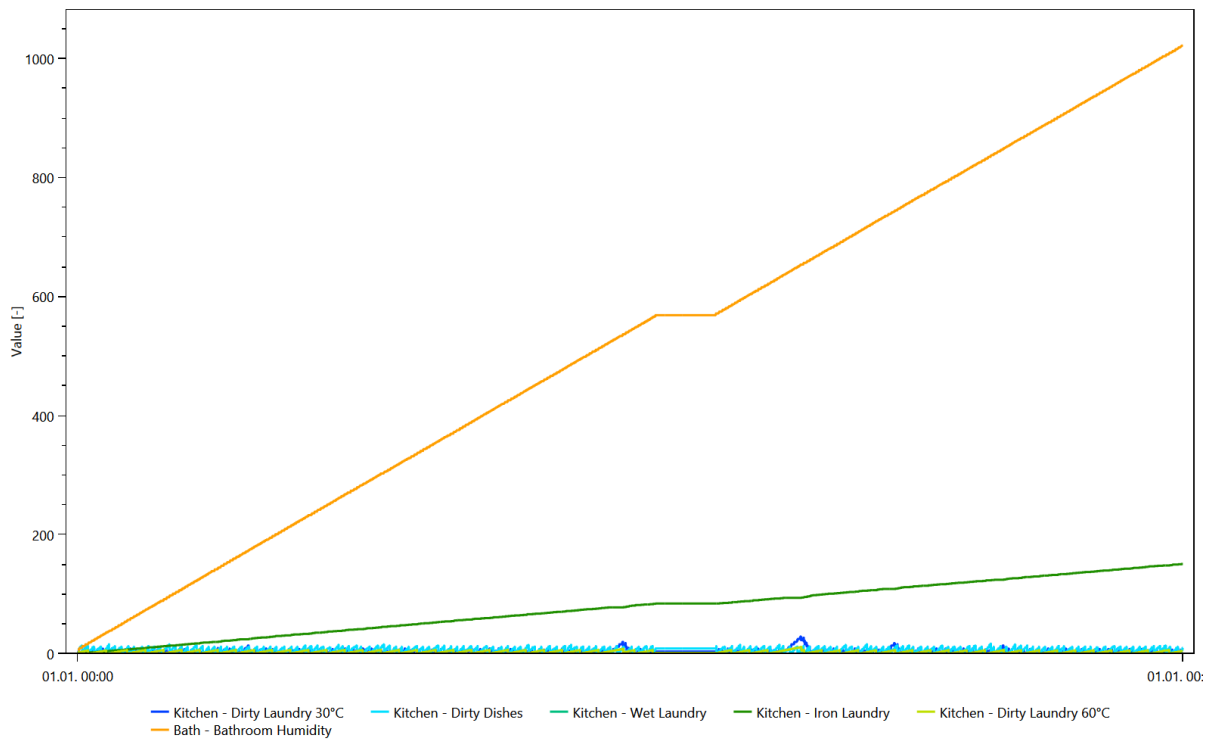
Children Room Light (100W);Electricity;Children's room - light [Synthetic for Light Device];547

Variables

This is made from the files starting with: Variablelogfile

The variables are used to keep track of things like dirty laundry, dirty dishes and the amount of laundry to iron. They are used to ensure that for example the dishwasher is only turned on if there are sufficient dirty dishes. One chart shows the first 25000 timesteps of the contents of all variables, the other shows the entire time span.

Variables



Variables

