

## Overview of the results of the household CHR14 3+ adults: Couple, 30- 64 years, both at work + Senior at home 0

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

Energy Intensity: Random

Seed 5172

LoadProfileGenerator 5.8.0.16019

by Noah Pflugradt

<http://www.loadprofilegenerator.de>

Rendering date:16.12.2016 09:10:35

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## Totals

### Totals for each Loadtype

Load Type	Value	Unit
Cold Water	43130.74	L
Electricity	5782.08	kWh
Warm Water	110633.14	L

### Totals for each Loadtype per Day

Load Type	Value	Unit
Cold Water	117.84	L
Electricity	15.80	kWh
Warm Water	302.28	L

### Minimum and Maximum for each Loadtype

Household	Minimum	Maximum	Unit
Cold Water	0.00	11.44	L/Min
Electricity	0.16	12853.22	Watt
Warm Water	0.00	16.36	L/Min

### Totals for each Loadtype per Person

Load Type	Value	Unit
Cold Water	14376.91	L
Electricity	1927.36	kWh

Warm Water	36877.71	L
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### Totals for each Loadtype per Person per Day

Load Type	Value	Unit
Cold Water	39.28	L
Electricity	5.27	kWh
Warm Water	100.76	L

## Persons

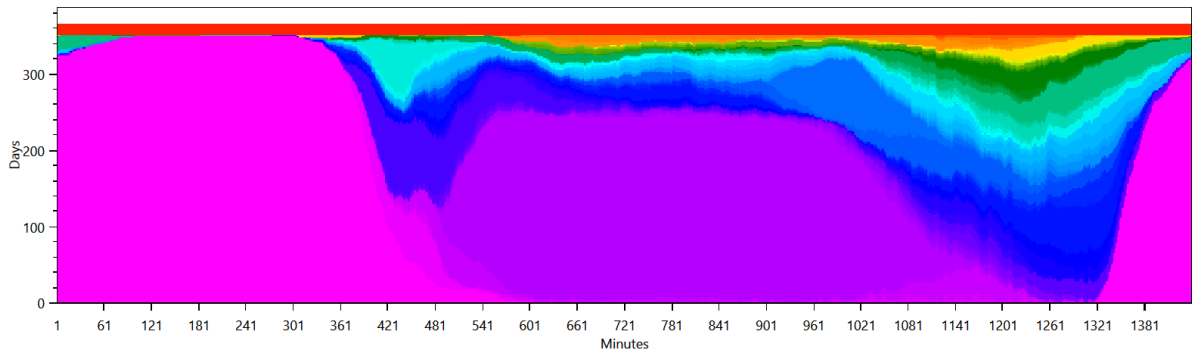
- HHO
  - CHR14 Hanna (45/Female)(45/Female)
  - CHR14 Michael (46/Male)(46/Male)
  - CHR14 Wilma (80/Female)(80/Female)

# Activity Frequency Charts

This is made from the files starting with: ActivityFrequenciesPerMinute

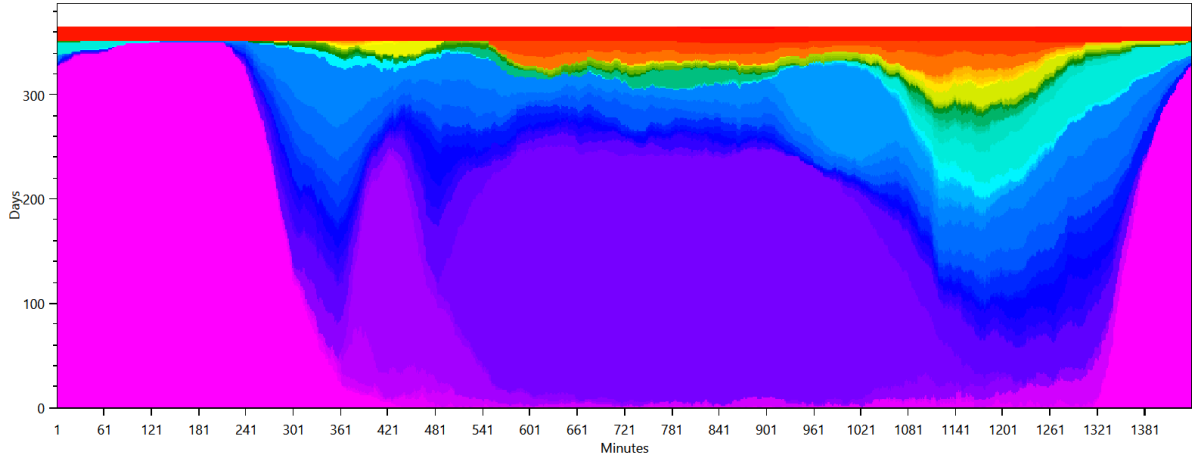
These charts show an ordered distribution of times of the activities of each person. This helps with judging quickly if a person is sleeping correctly and if they are going to work regularly.

HH0 - CHR14 Hanna (45 Female)



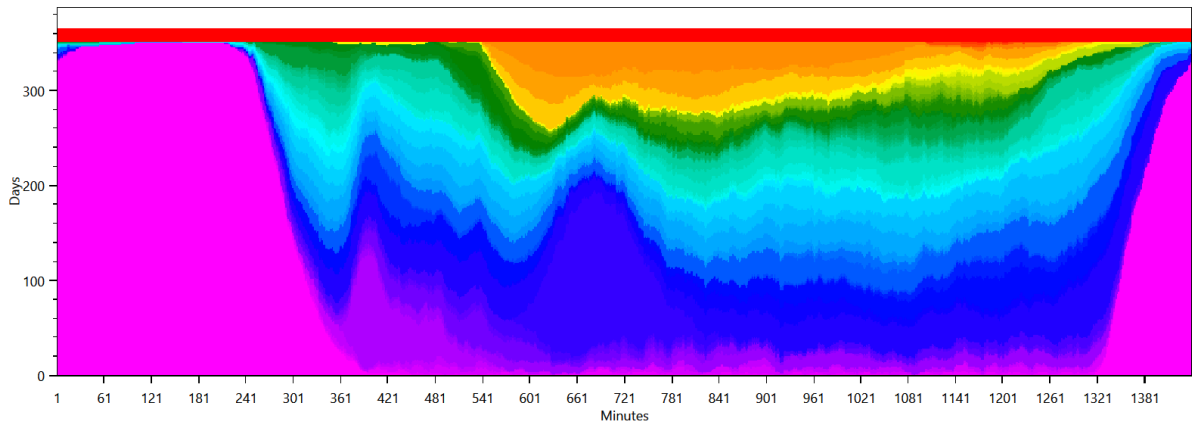
- sleep bed 02 (08 h)
- get ready in the morning (women)
- go to the toilet
- go shopping for food in the supermarket (1.5 h)
- work at the office from 8:00 (9 h)
- run the dryer with wet laundry (by variable)
- take a shower with hair washing (women) (5 min hair drying)
- make custom pizza and eat it
- run the dishwasher (triggered)
- use the computer (2 h)
- eat breakfast (1 h)
- do laundry at 30°C (by variable)
- clean the bath
- sew and repair clothes
- exercise for 30 min on the treadmill
- play digital piano (1 h)
- paint a picture
- bake a cake
- play a puzzle game
- take a shower without hair washing (women)
- take nap on the weekend (2 h)
- make mashed potatoes and eat them
- use the computer (1 h)
- use the computer with external HD (1 h)
- use the computer for recreation (2 h)
- listen to music on compact hifi (2 h)
- take a shower with hair washing (women) (20 min hair drying)
- eat small breakfast (25min) interrupting subaff, no alarm
- vacuum the household
- use the computer (1.5 h)
- eat a cooked meal (interrupting) (eat breakfast (1 h))
- make frozen pizza and eat it
- cook food with steam cooker and eat it
- fry two eggs and eat them with toast
- heat up leftovers
- visit the theater
- do laundry at 60°C (by variable)
- cook a sunday feast with extractor hood and eat it
- take a shower with electric air heater
- cook food with rice and eat it
- make soup
- microwave frozen meal and eat it
- make fondue and eat it
- eat a cooked meal (interrupting) (cook food with steam cooker and eat it)
- cook food with a deep fryer and eat it
- read a book on the couch all the time
- make and drink tea (15 min)
- read a book on the couch only 9:00 to 22:00
- take a nap
- read a book (1 h)
- watch sports on TV with SAT Reciever (2 h)
- read a newspaper for 30min
- eat a cooked meal (interrupting) (make mashed potatoes and eat them)
- read a magazine
- cook pasta and eat it
- watch a movie for 2 h
- eat a cooked meal (interrupting) (make frozen pizza and eat it)
- watch a movie for 1 h 30 min
- make roulades and eat them
- eat a cooked meal (interrupting) (cook food with rice and eat it)
- eat a cooked meal (interrupting) (heat up leftovers)
- eat a cooked meal (interrupting) (make fondue and eat it)
- relax in the garden
- relax in the garden 2
- eat a cooked meal (interrupting) (make soup)
- eat a cooked meal (interrupting) (make roulades and eat them)
- eat a cooked meal (interrupting) (cook pasta and eat it)
- eat a cooked meal (interrupting) (cook food with a deep fryer and eat it)
- taking a vacation
- eat a cooked meal (interrupting) (cook a sunday feast with extractor hood and eat it)
- eat a cooked meal (interrupting) (make custom pizza and eat it)

## HH0 - CHR14 Michael (46 Male)



- sleep bed 01 (06 h)
- go to the toilet
- play a puzzle game
- get ready in the morning (men)
- eat breakfast (1 h)
- take a shower (men)
- work as teacher
- play digital piano (1 h)
- fry two eggs and eat them with toast
- use the computer (1 h)
- paint a picture
- exercise for 30 min on the treadmill
- listen to music on compact hifi (2 h)
- use the computer with external HD (1 h)
- microwave frozen meal and eat it
- use the computer (1.5 h)
- use the computer for recreation (2 h)
- use the computer (2 h)
- take nap on the weekend (2 h)
- make mashed potatoes and eat them
- make frozen pizza and eat it
- eat a cooked meal (interrupting) (make frozen pizza and eat it)
- cook food with steam cooker and eat it
- cook pasta and eat it
- visit the theater
- make roulades and eat them
- make soup
- heat up leftovers
- cook a sunday feast with extractor hood and eat it
- make custom pizza and eat it
- eat a cooked meal (interrupting) (cook food with a deep fryer and eat it)
- eat small breakfast (25min) interrupting subaff, no alarm
- eat a cooked meal (interrupting) (make roulades and eat them)
- watch the news
- watch a movie for 1 h 30 min
- watch a movie for 2 h
- make and drink tea (15 min)
- watch TV (1 h)
- take a nap
- read a newspaper for 30min
- watch sports on TV with SAT Reciever (2 h)
- read a book on the couch only 9:00 to 22:00
- read a magazine
- make fondue and eat it
- eat a cooked meal (interrupting) (eat breakfast (1 h))
- eat a cooked meal (interrupting) (cook food with steam cooker and eat it)
- cook food with a deep fryer and eat it
- cook food with rice and eat it
- eat a cooked meal (interrupting) (make fondue and eat it)
- eat a cooked meal (interrupting) (cook food with rice and eat it)
- eat a cooked meal (interrupting) (heat up leftovers)
- relax in the garden
- eat a cooked meal (interrupting) (make mashed potatoes and eat them)
- relax in the garden 2
- eat a cooked meal (interrupting) (make soup)
- taking a vacation
- read a book on the couch all the time

## HH0 - CHR14 Wilma (80 Female)



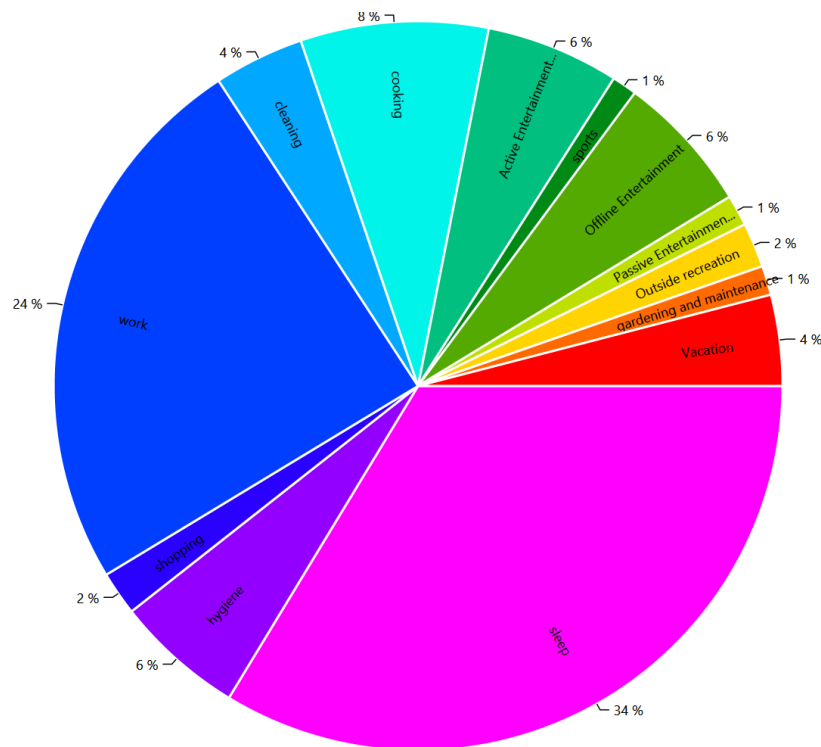
- sleep bed 08 (06 h)
- make and drink tea (15 min)
- watch the news
- read a newspaper for 30min
- eat small breakfast (25min) interrupting subaff, no alarm
- take a shower without hair washing (women)
- go to the toilet
- get ready in the morning (women)
- read a magazine
- read a book on the couch all the time
- take a nap
- watch sports on TV with SAT Reciever (2 h)
- read a book on the couch only 9:00 to 22:00
- watch a movie for 1 h 30 min
- make fondue and eat it
- eat a cooked meal (interrupting) (eat breakfast (1 h))
- take a shower with hair washing (women) (20 min hair drying)
- watch a movie for 2 h
- take nap on the weekend (2 h)
- eat a cooked meal (interrupting) (make custom pizza and eat it)
- use the computer (1 h)
- use the computer (2 h)
- watch TV (1 h)
- use the computer for recreation (2 h)
- listen to music on compact hifi (2 h)
- fry two eggs and eat them with toast
- cook food with steam cooker and eat it
- paint a picture
- play digital piano (1 h)
- use the computer with external HD (1 h)
- use the computer (1.5 h)
- cook food with rice and eat it
- cook food with a deep fryer and eat it
- take a shower with hair washing (women) (5 min hair drying)
- make roulades and eat them
- microwave frozen meal and eat it
- sew and repair clothes
- play a puzzle game
- bake a cake
- bake bread
- make frozen pizza and eat it
- cook a sunday feast with extractor hood and eat it
- cook pasta and eat it
- make custom pizza and eat it
- invite friends for coffee
- make soup
- eat a cooked meal (interrupting) (make fondue and eat it)
- visit an opera
- eat a cooked meal (interrupting) (heat up leftovers)
- heat up leftovers
- take a shower with electric air heater
- make mashed potatoes and eat them
- eat a cooked meal (interrupting) (cook food with rice and eat it)
- relax in the garden
- eat a cooked meal (interrupting) (make soup)
- relax in the garden 2
- do garden work every day
- eat a cooked meal (interrupting) (make roulades and eat them)
- eat a cooked meal (interrupting) (cook food with a deep fryer and eat it)
- eat a cooked meal (interrupting) (make mashed potatoes and eat them)
- eat a cooked meal (interrupting) (cook food with steam cooker and eat it)
- eat a cooked meal (interrupting) (make frozen pizza and eat it)
- taking a vacation

# Activity Distribution per Person

This is made from the files starting with: ActivityPercentage

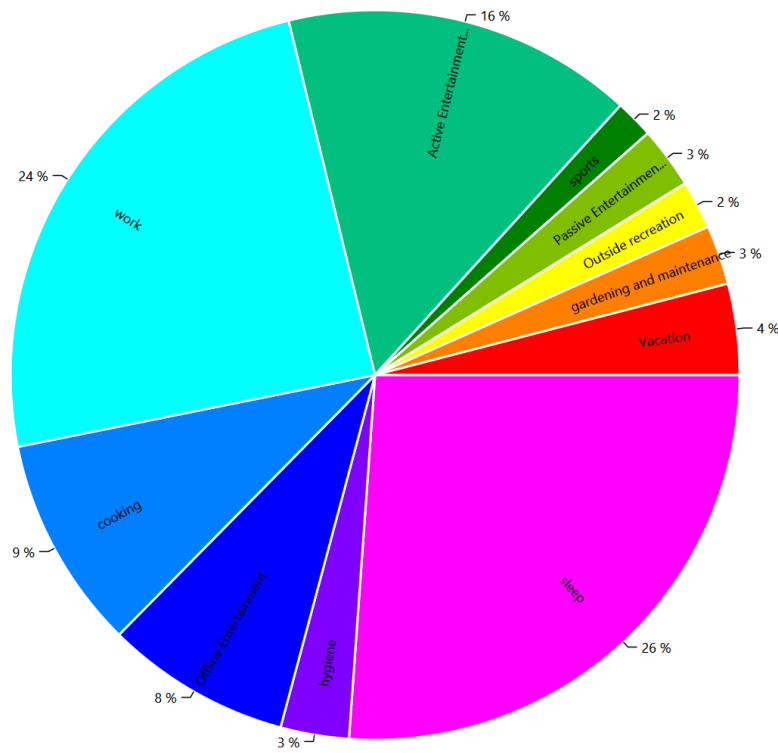
This shows the distribution of the activities, grouped by the affordance AffordanceToCategories.

HH0 - CHR14 Hanna (45 Female)

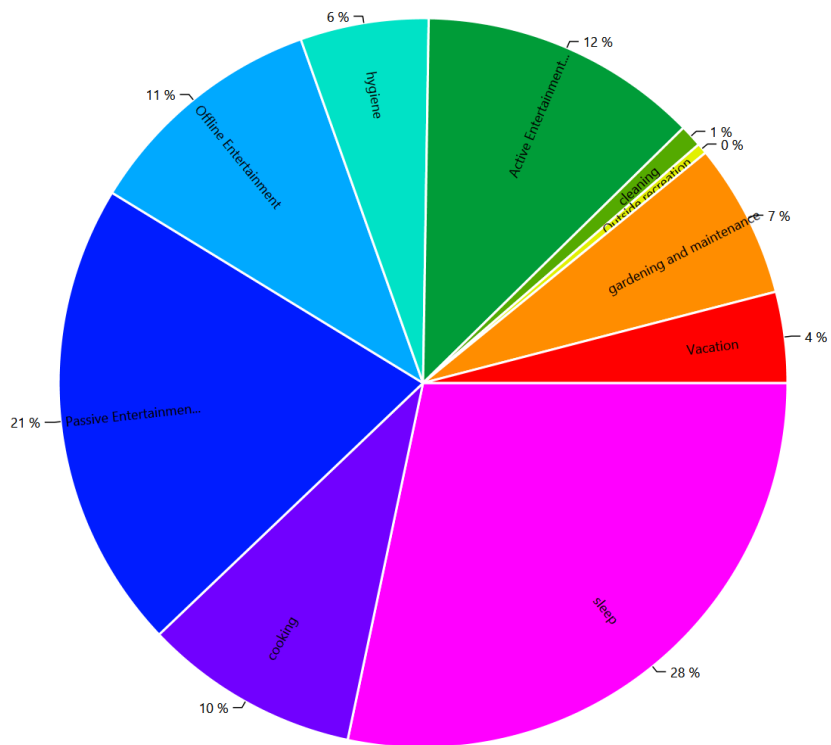




HH0 - CHR14 Michael (46 Male)



HH0 - CHR14 Wilma (80 Female)

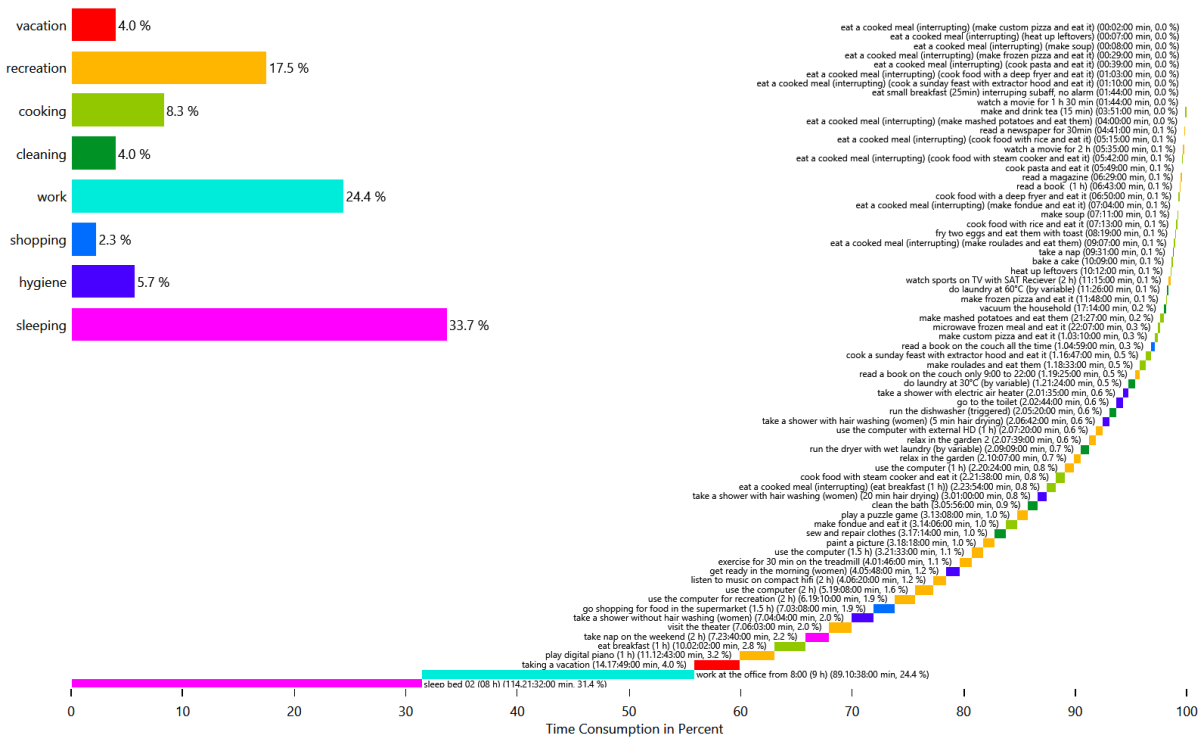


# Time Use per Person per Affordance Per Person

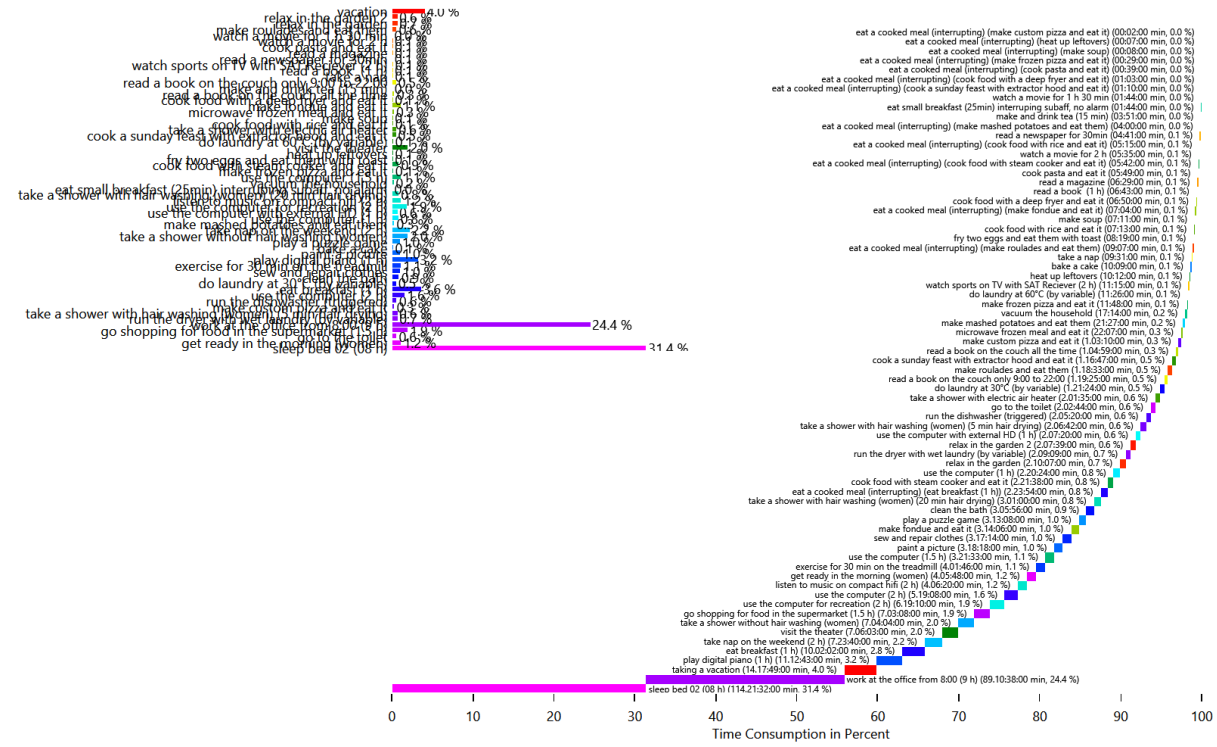
This is made from the files starting with: AffordanceTimeUse

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.

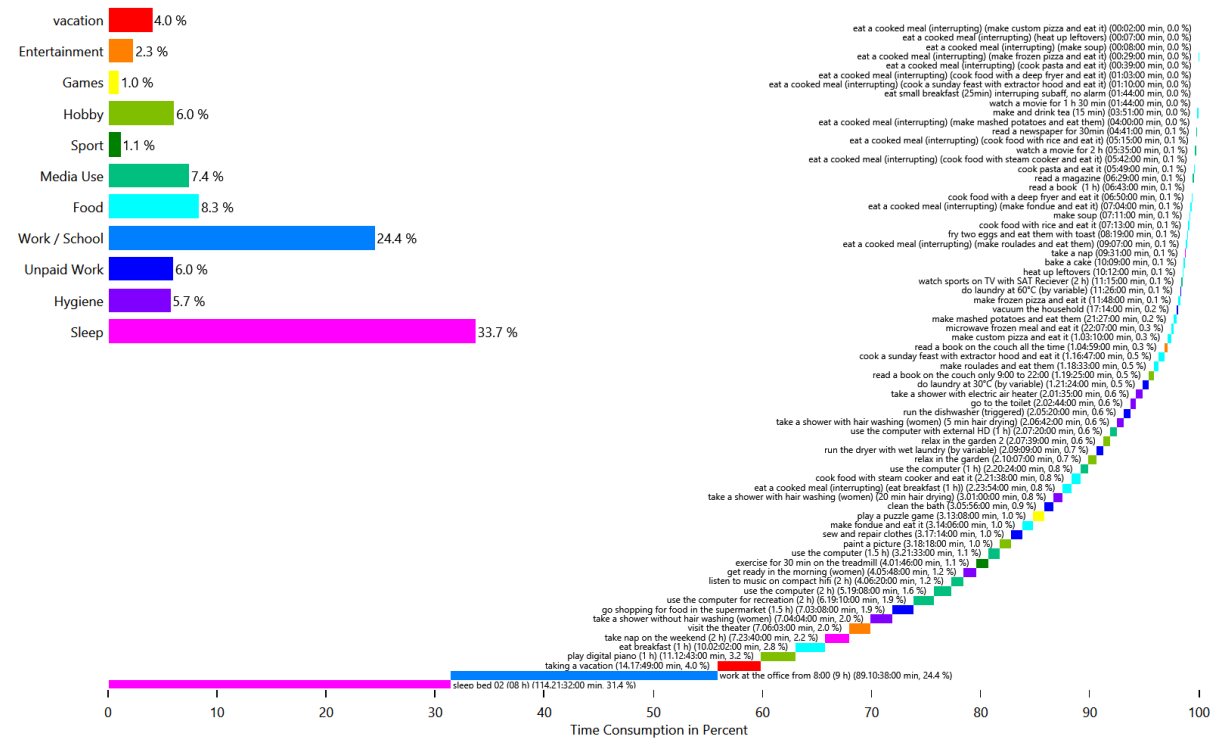
## HH0 - CHR14 Hanna (45 Female)



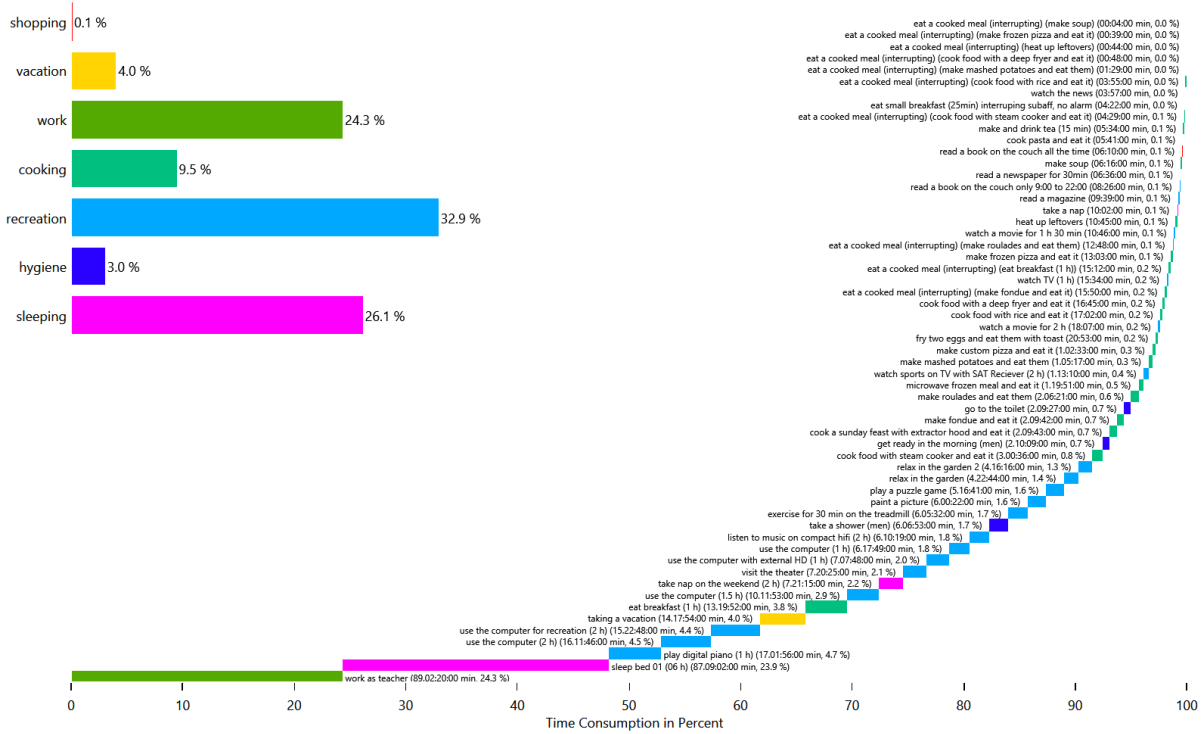
# HH0 - CHR14 Hanna (45 Female)



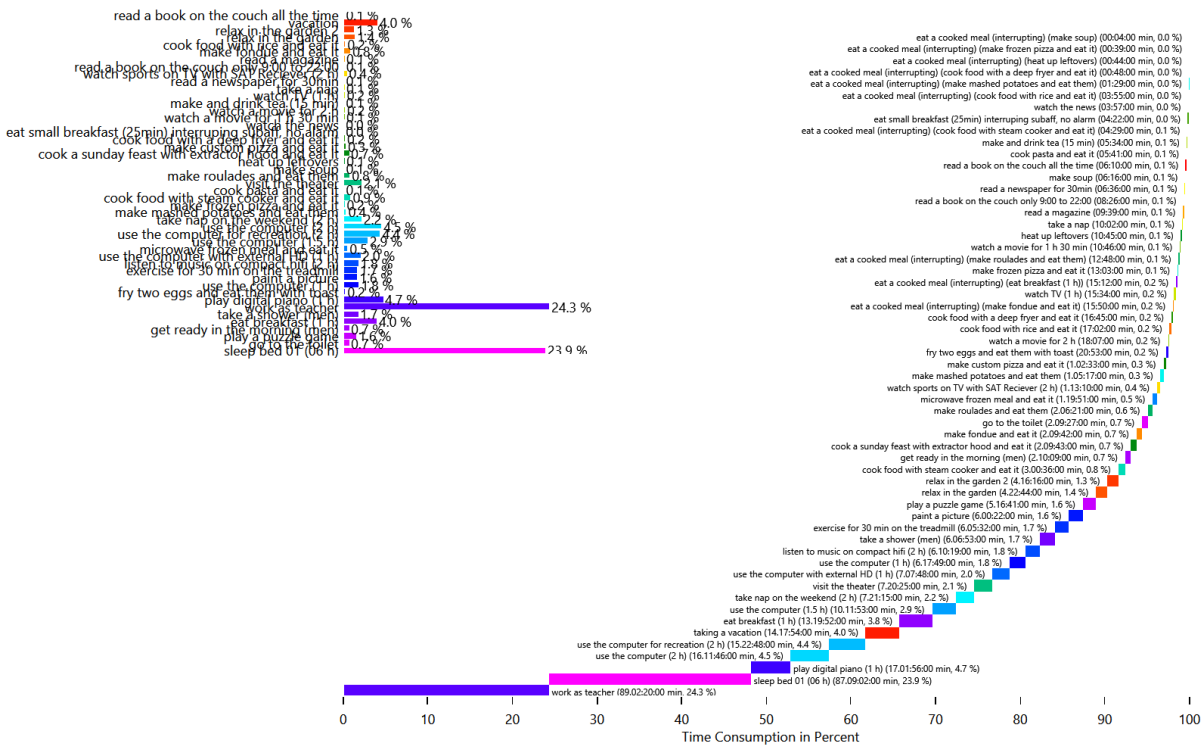
# HH0 - CHR14 Hanna (45 Female)



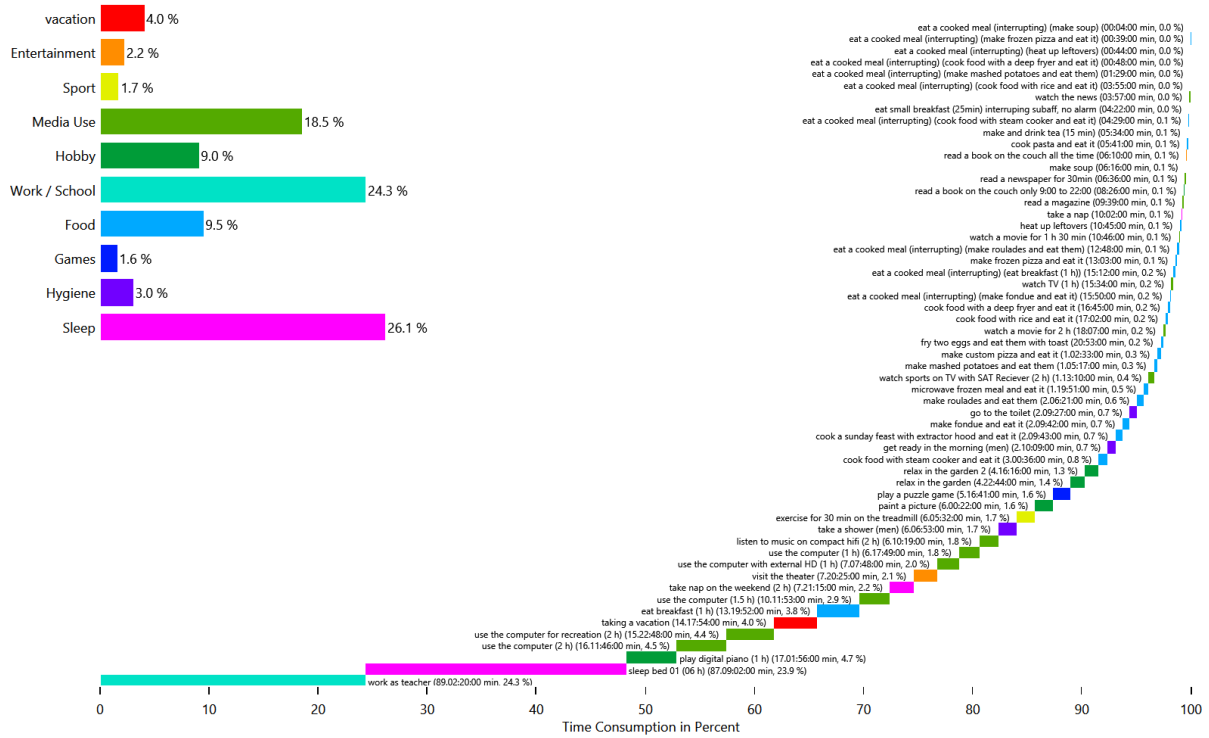
# HH0 - CHR14 Michael (46 Male)



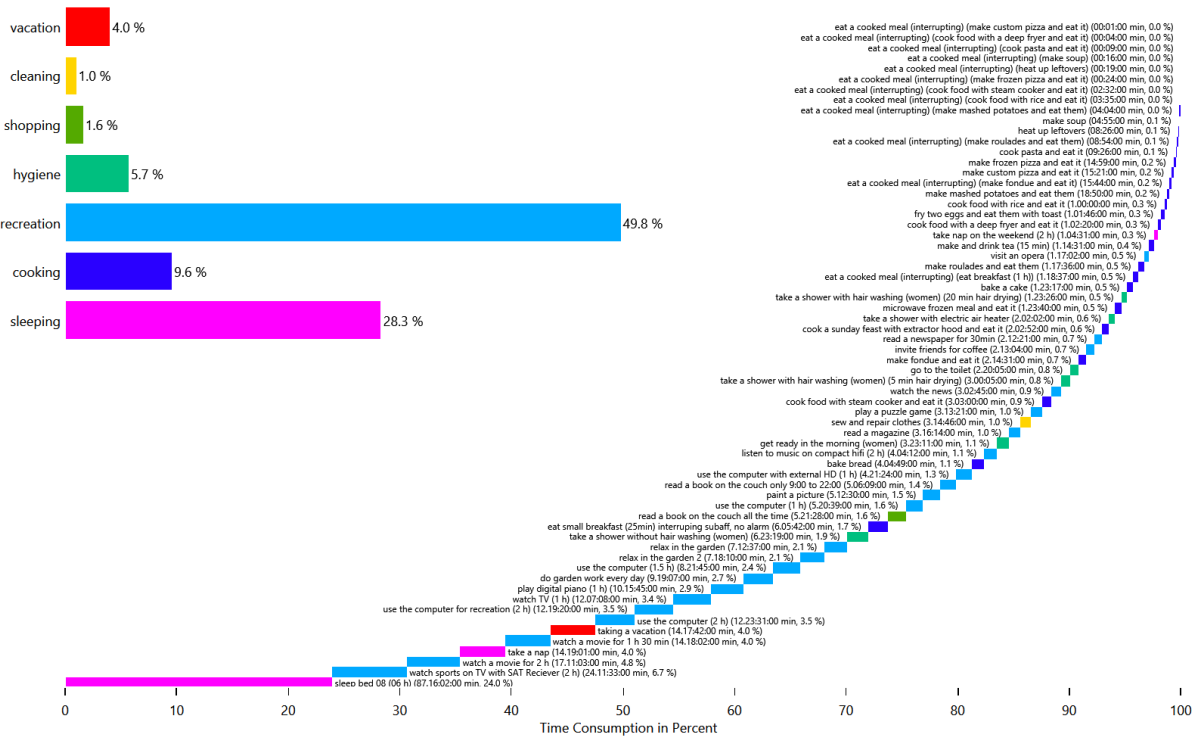
# HH0 - CHR14 Michael (46 Male)



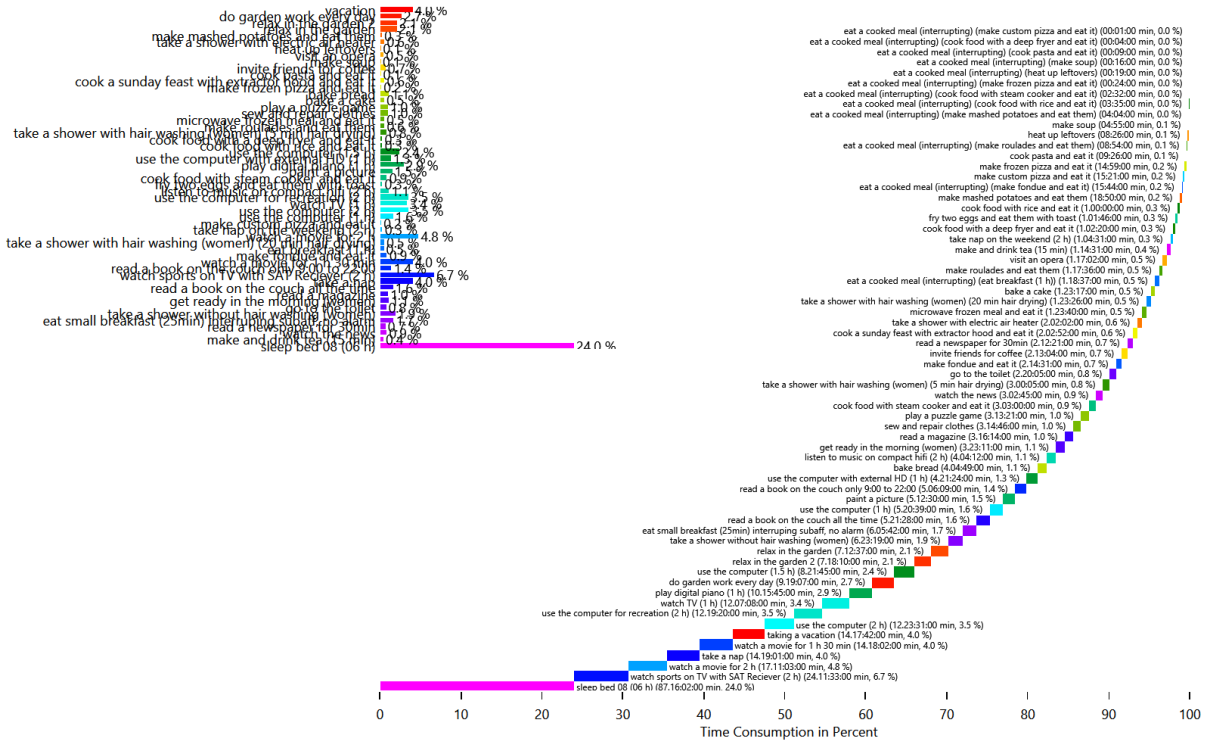
## HH0 - CHR14 Michael (46 Male)



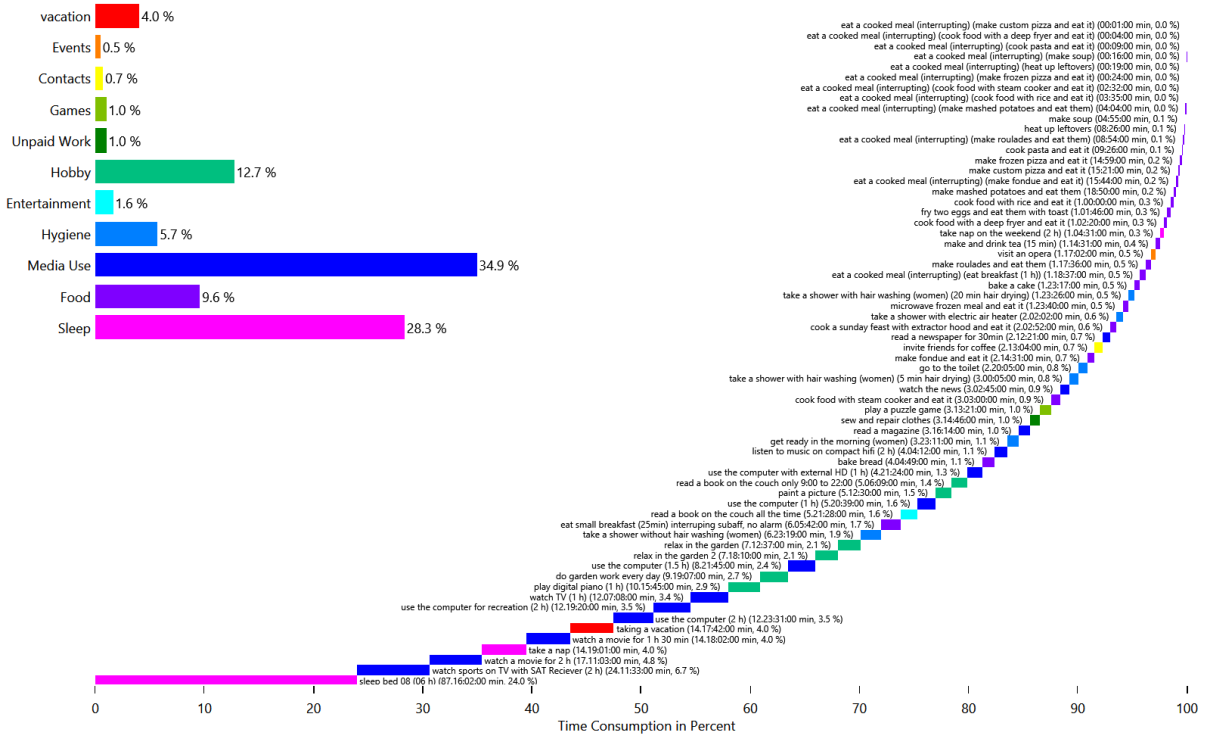
## HH0 - CHR14 Wilma (80 Female)



## HH0 - CHR14 Wilma (80 Female)



## HH0 - CHR14 Wilma (80 Female)

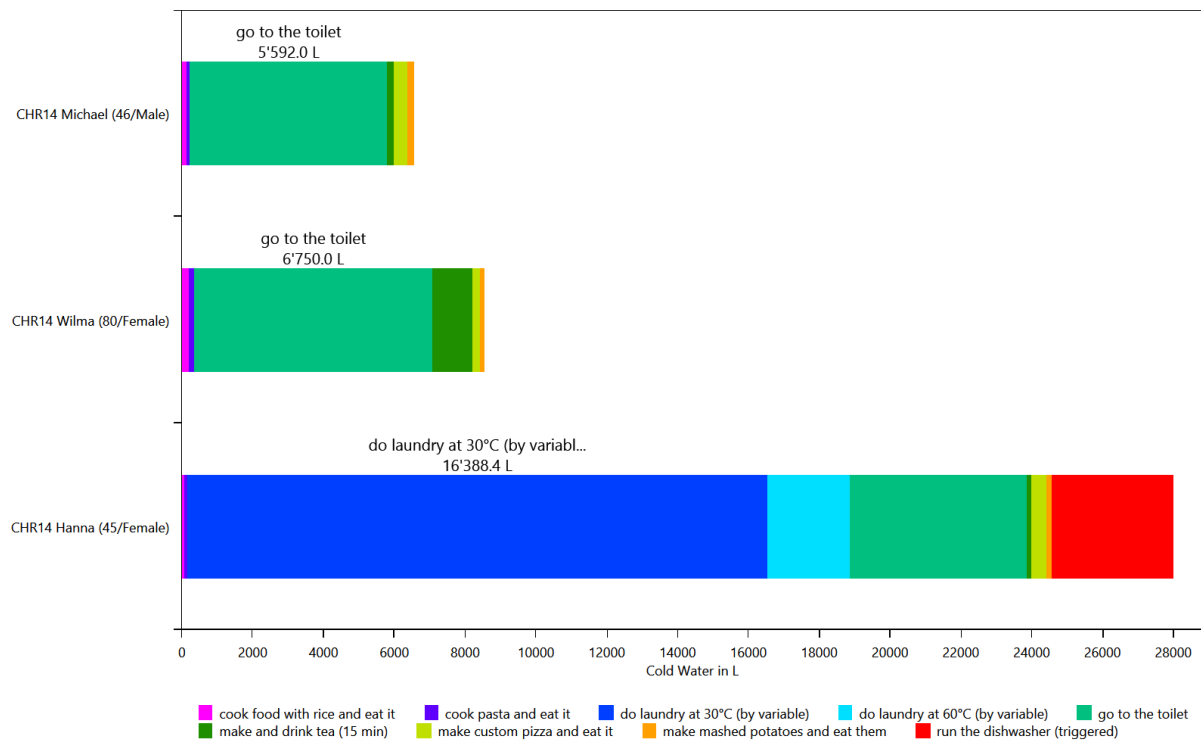


# Energy use per person per affordance

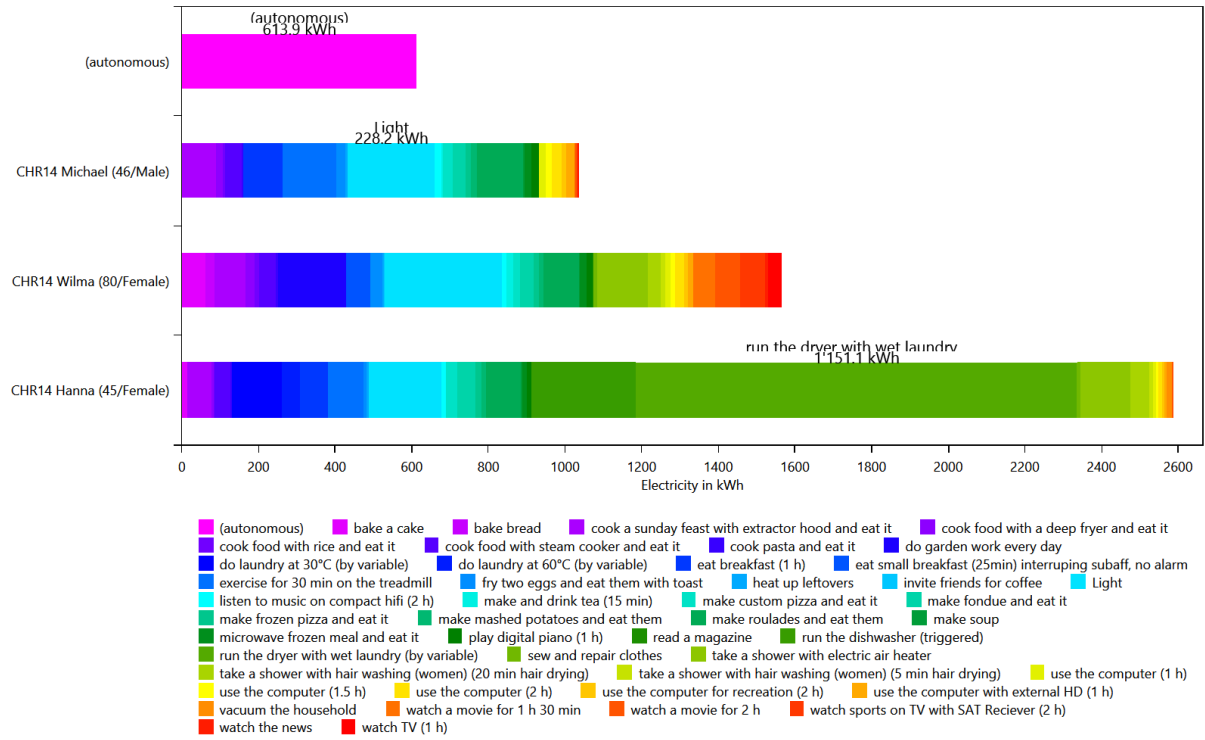
This is made from the files starting with: `AffordanceEnergyUsePerPerson`

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.

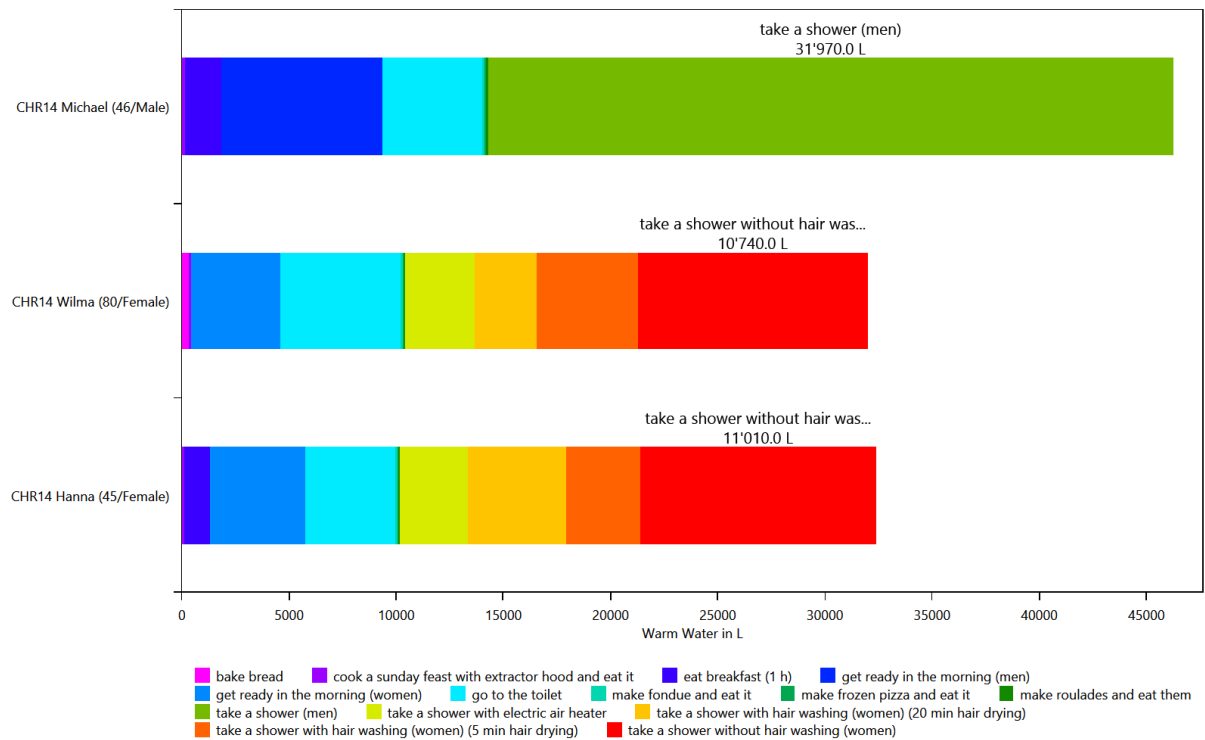
## HH0 - Cold Water



## HH0 - Electricity



## HH0 - Warm Water



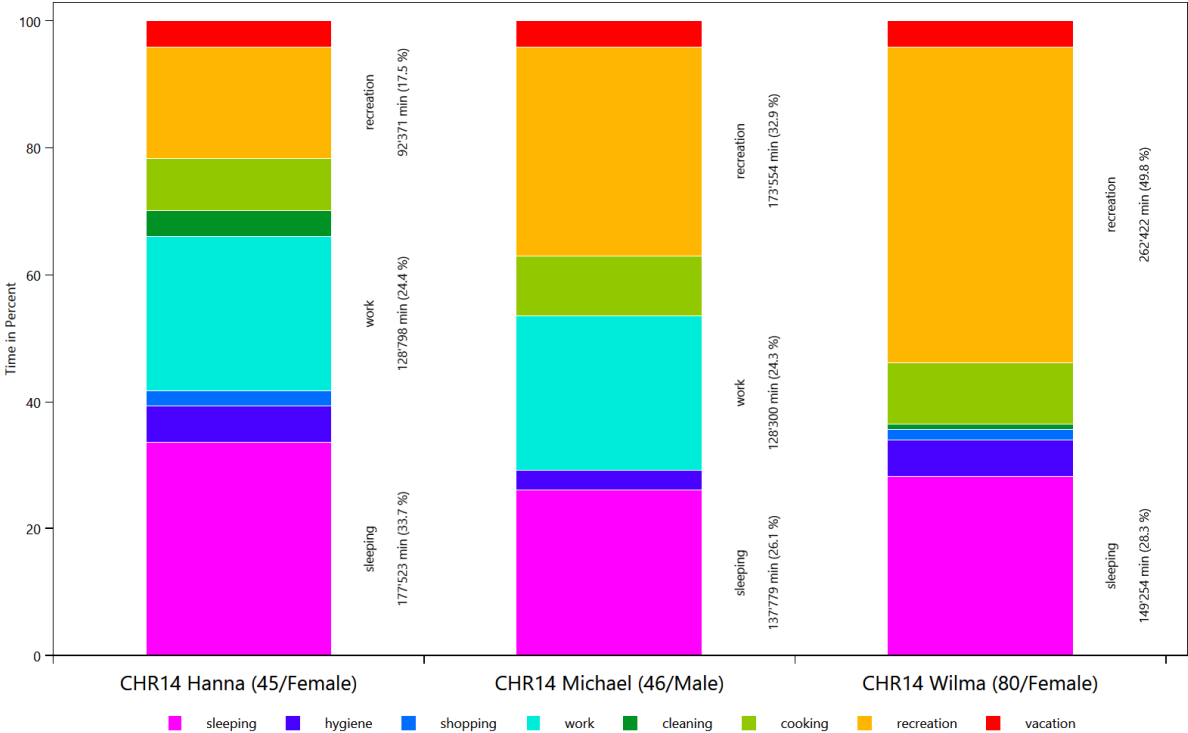


# Time Use per Person Per Affordance according to different category definitions

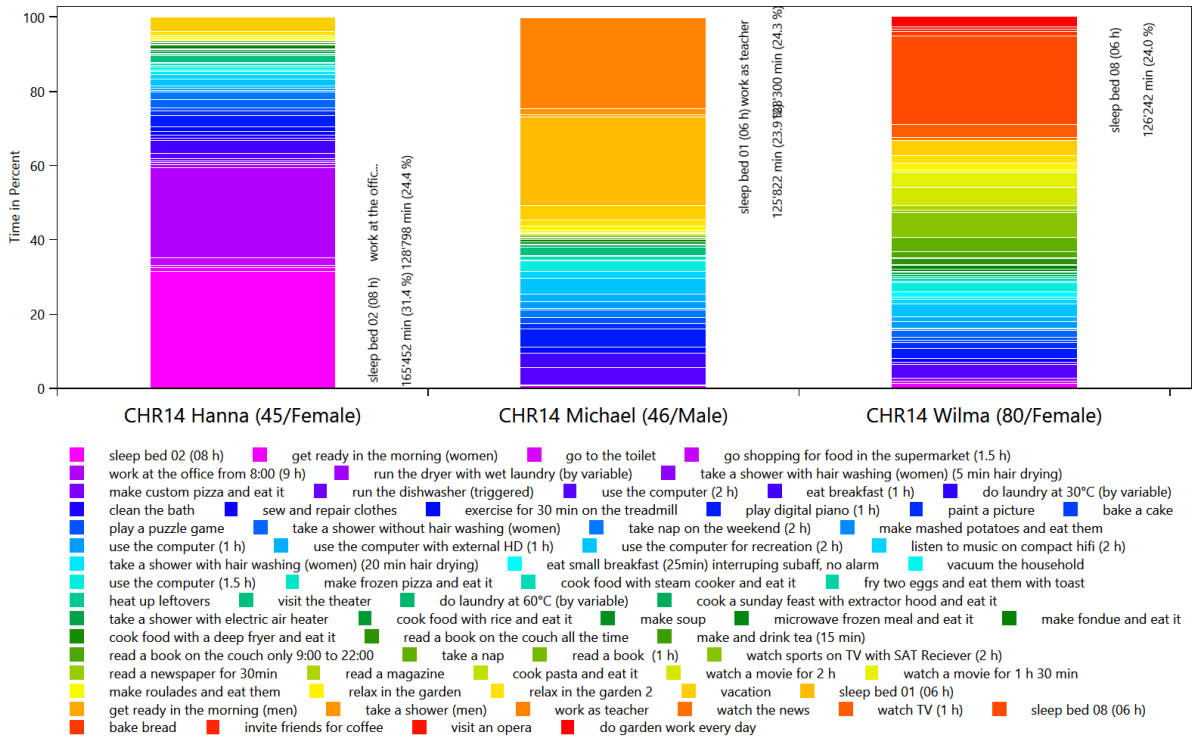
This is made from the files starting with: AffordanceTaggingSet

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.

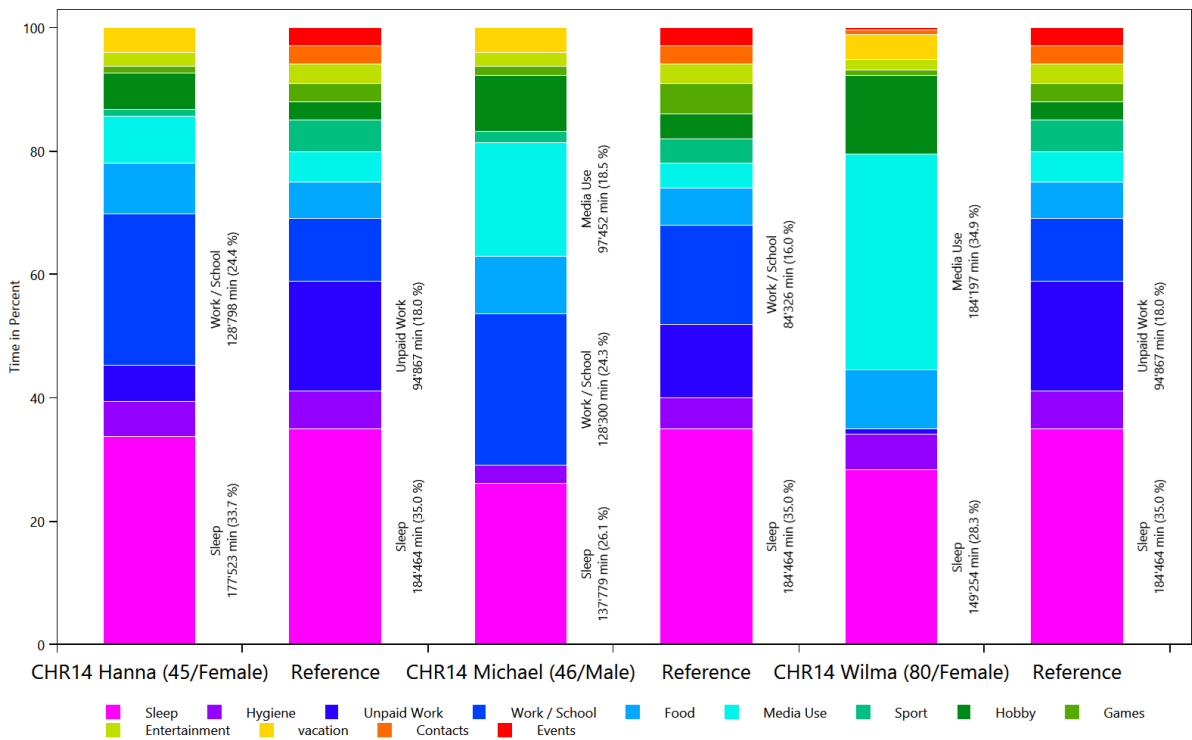
## Basic Tagging - HH0



## Tagging Set For Planning - HHO



## Wo bleibt die Zeit - HHO

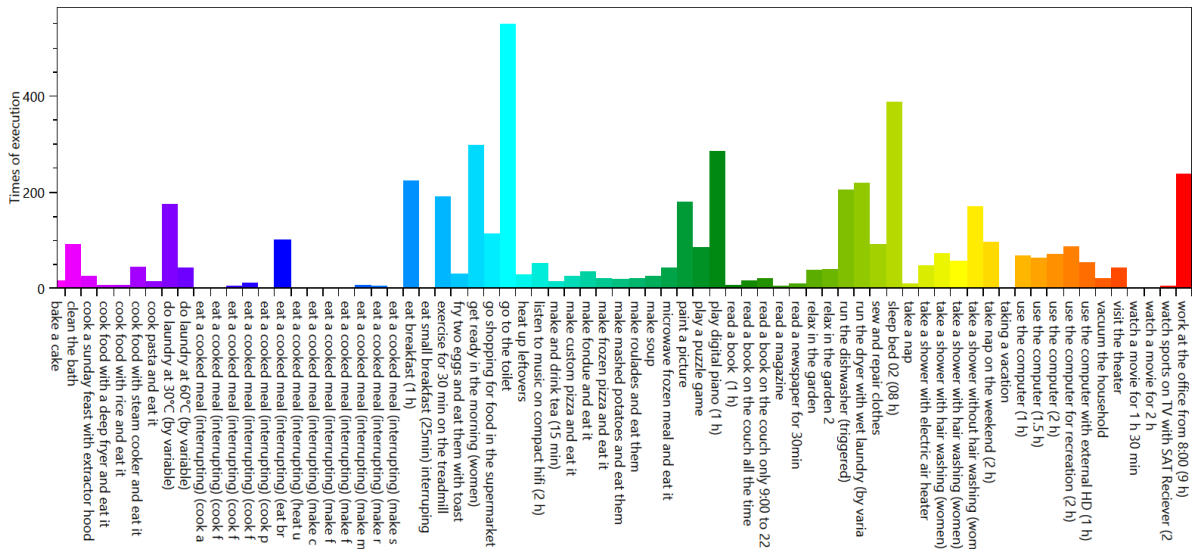


# Overview of the actions of each member of the household

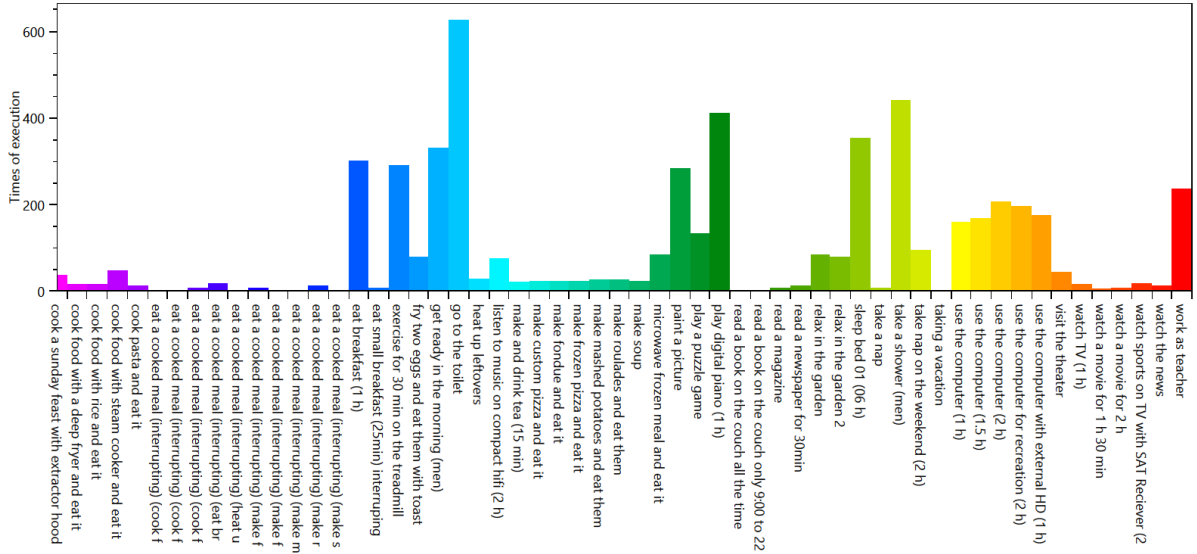
This is made from the files starting with: ExecutedActionsOverviewCount

These charts show how often each affordance was executed.

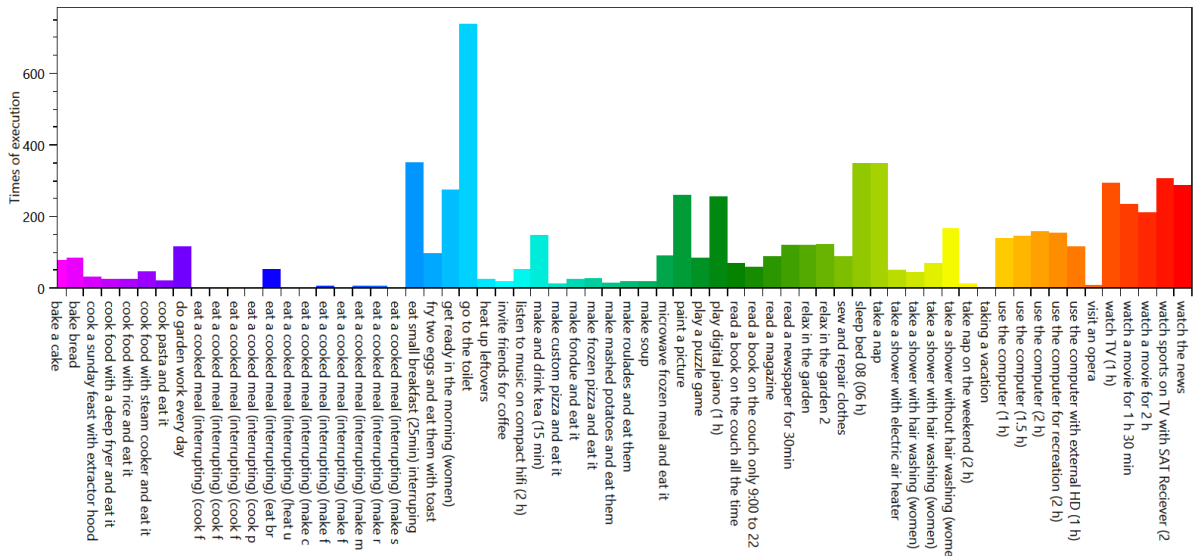
HH0 - CHR14 Hanna (45 Female)



### HH0 - CHR14 Michael (46 Male)



### HH0 - CHR14 Wilma (80 Female)

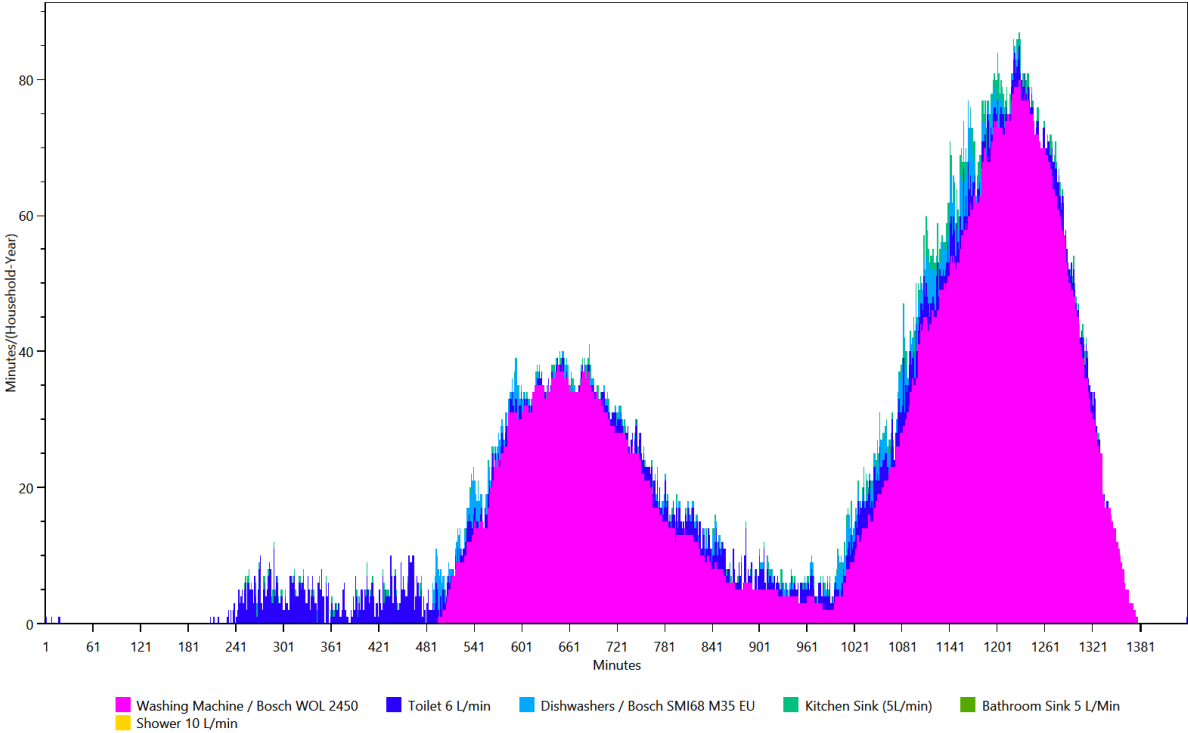


# Overview of the time of the use per load type per device

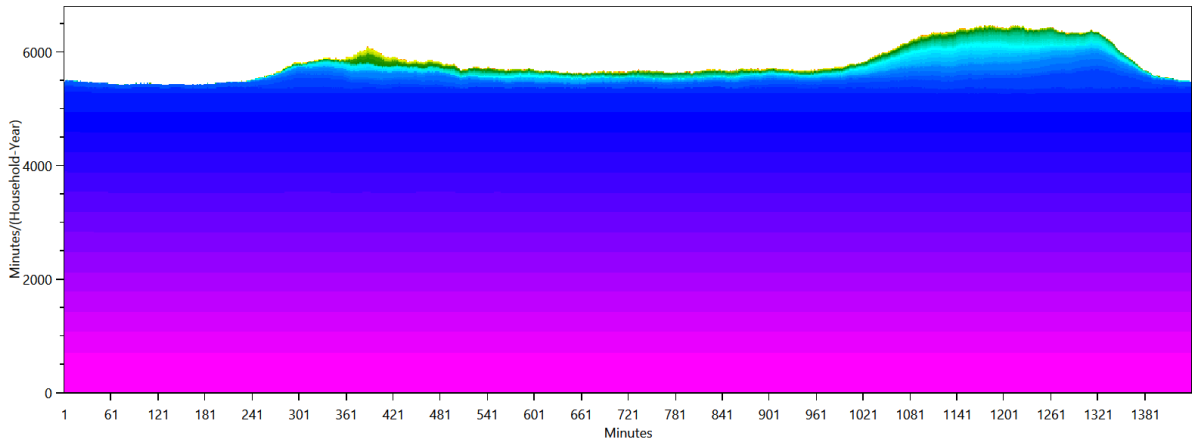
This is made from the files starting with: TimeOfUseEnergyProfiles

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

## Cold Water

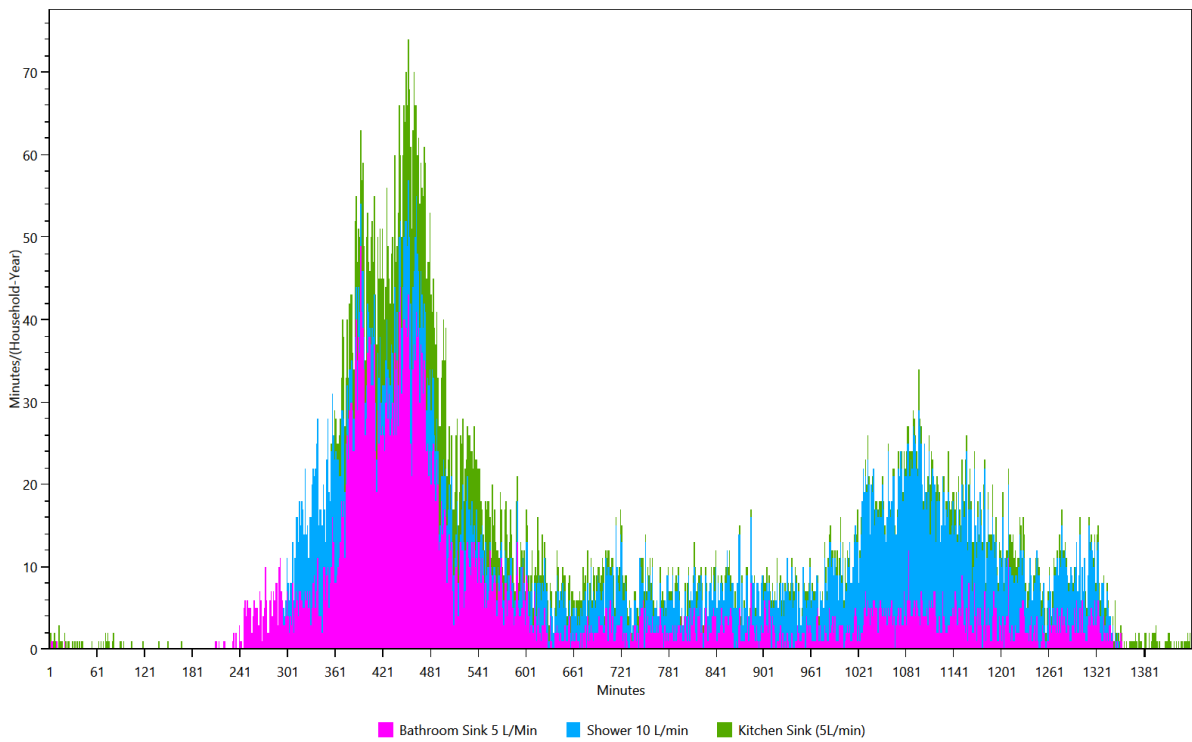


## Electricity



- SAT Receiver / Kathrein UFS913
- Router / AVM FRITZ! Box Fon WLAN 7390
- Hifi System / Sharp XL-HF300PH
- Kitchen radio / AEG KRC 4323 CD
- Digitalpiano / Kawai CN-23
- Bathroom Light (200W)
- Christopeit Treadmill TM 2 Pro
- Steam Cooker / Phillips HD9140
- Osram Light Bulb Classic A 60W
- Hair Dryer / Braun Satin Pro 2200 Ion Care
- Lawn Mower / Sabo 32-EL
- Electric Kettle / Petra WK288 1.5L
- Deep Fryer / DeLonghi F 28311.W Rotofritteuse
- Handmixer / Phillips Robust HR 1581
- Nespresso Coffee Machine, Single Cup
- Electric Toothbrush Dondodent Professional Clean
- Electric Razor Braun Cruzer 5
- CD/DVD Player / Phillips CD 380
- Privileg Energy Saver X-200/80 (A++)
- Kitchen Light (300W)
- Bathroom Mirror Light 30W (CFL)
- Miele DG 1450
- Bread Baking Machine Unold 6595
- Single Stove Plate
- Canon CanoScan LIDE 110
- Hedge Trimmer / Bosch AHS 550-24 ST
- Kitchen Stove / Bauknecht Heko 750 PT Kitchen stove left hind - full power
- Ricecooker / Tristar RK-6112
- Braun Multiquick 3 MR 300 Soup
- PC Monitor / Fujitsu Siemens Scaleoview D19-1
- TV Samsung LED UE40 B7090
- TV / Phillips Goya 9770 VT
- Living Room Light (200W)
- External Harddrive Iomega 3.5"
- Fondue / Unold 48746 Asia
- Heater / Honeywell BH-888E
- Kitchen Stove / Bauknecht Heko 750 PT Kitchen stove right hind
- Toaster Salco MT 400
- PC / Acer Aspire T310
- TASKalfa 180
- Microwave / Panasonic NN 5259
- Liebherr Premium GNP 3666-20
- Washing Machine / Bosch WOL 2450
- Miele T 495 C
- Dishwashers / Bosch SM168 M35 EU
- AEG NM 2701 Premium
- Miele DA 249-2
- Kitchen Stove / Bauknecht Heko 750 PT Kitchen stove front right-semi aktiv
- Coffee Machine / Braun KF 580E
- Moulinex electronic 833
- Miele DA 61
- Egg Cooker / Russell Hobbs 14048-56 Stylo
- Bedroom Light (200W)
- Atika LH 2500 G
- Food Slicer / DOMO Schneidemaschine DO521S
- Vacuum Cleaner FIF
- Electric Kettle / Phillips Essential HD 4685/90 Schwarz
- Bedroom Light (20W)

## Warm Water



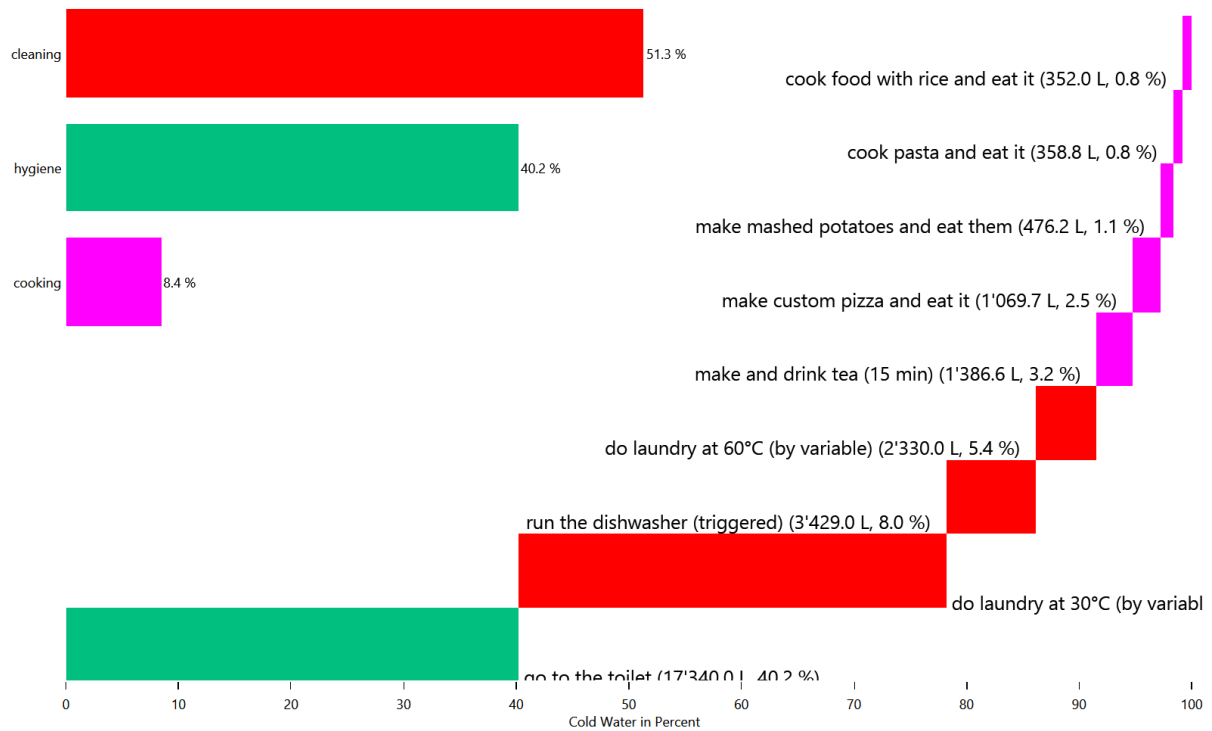
- Bathroom Sink 5 L/Min
- Shower 10 L/min
- Kitchen Sink (5L/min)

# Energy/Resource use distribution per load type per affordance

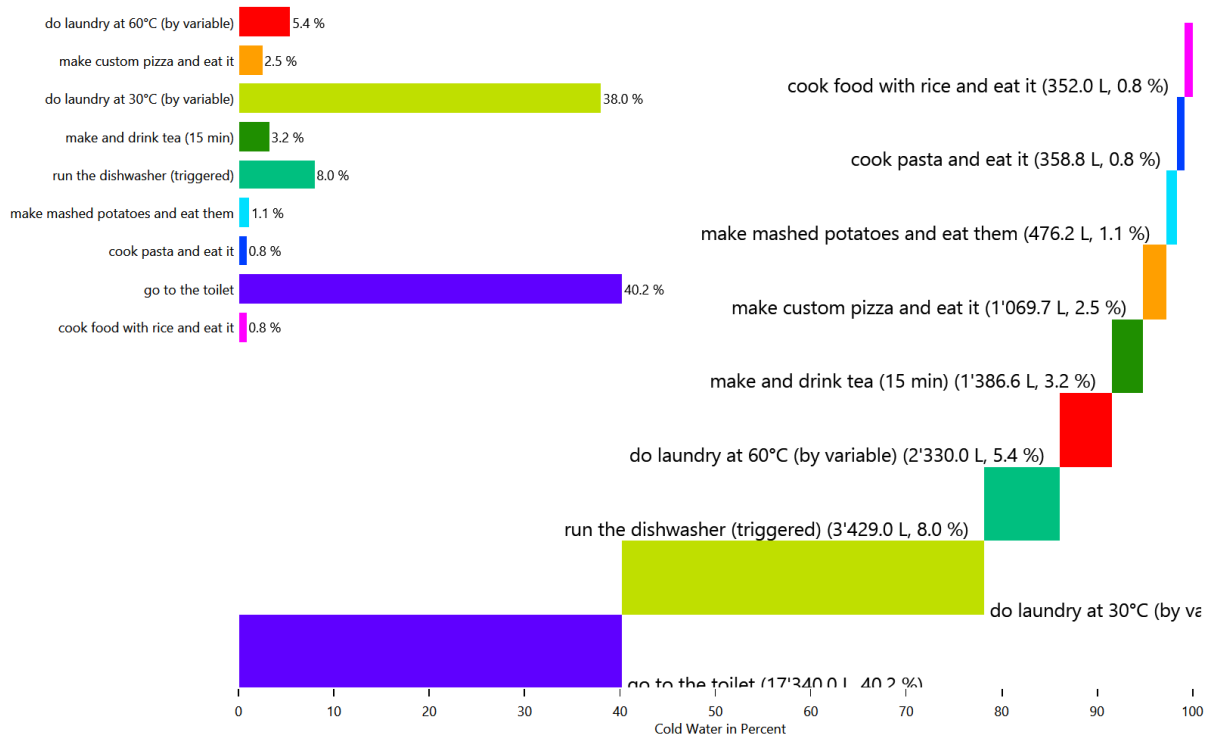
This is made from the files starting with: AffordanceEnergyUse

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

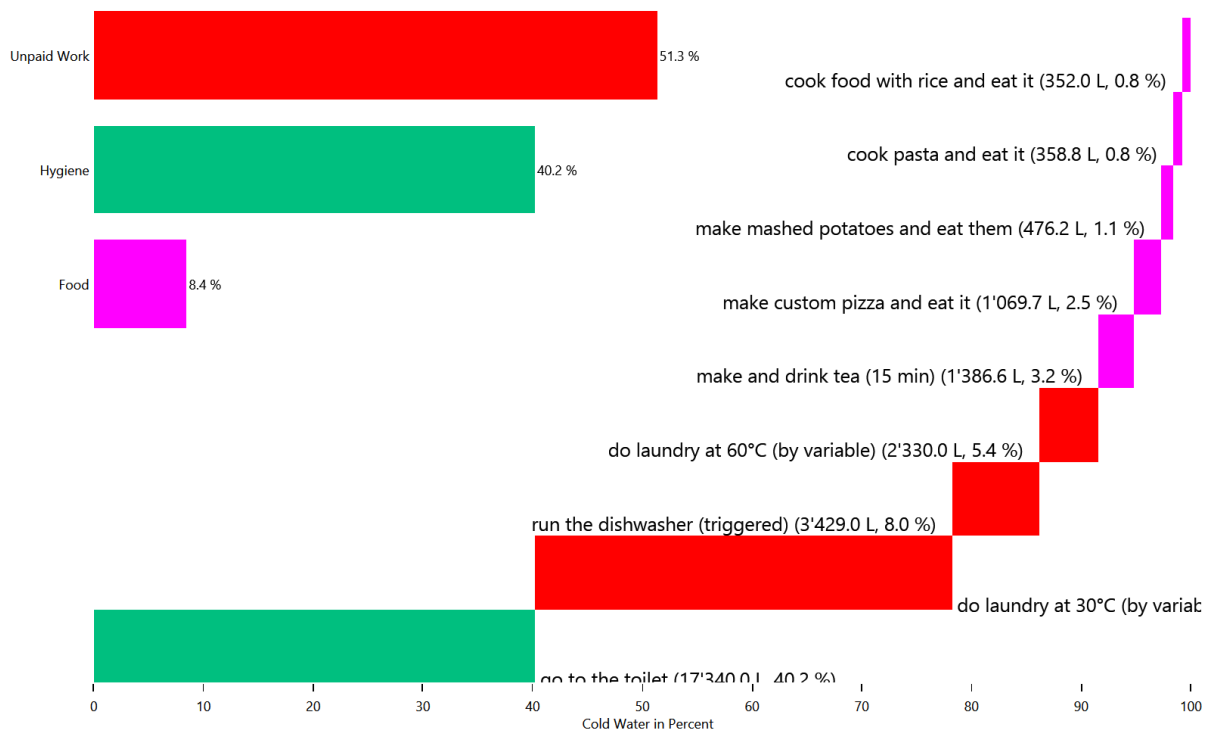
## HH0 - Cold Water



## HH0 - Cold Water

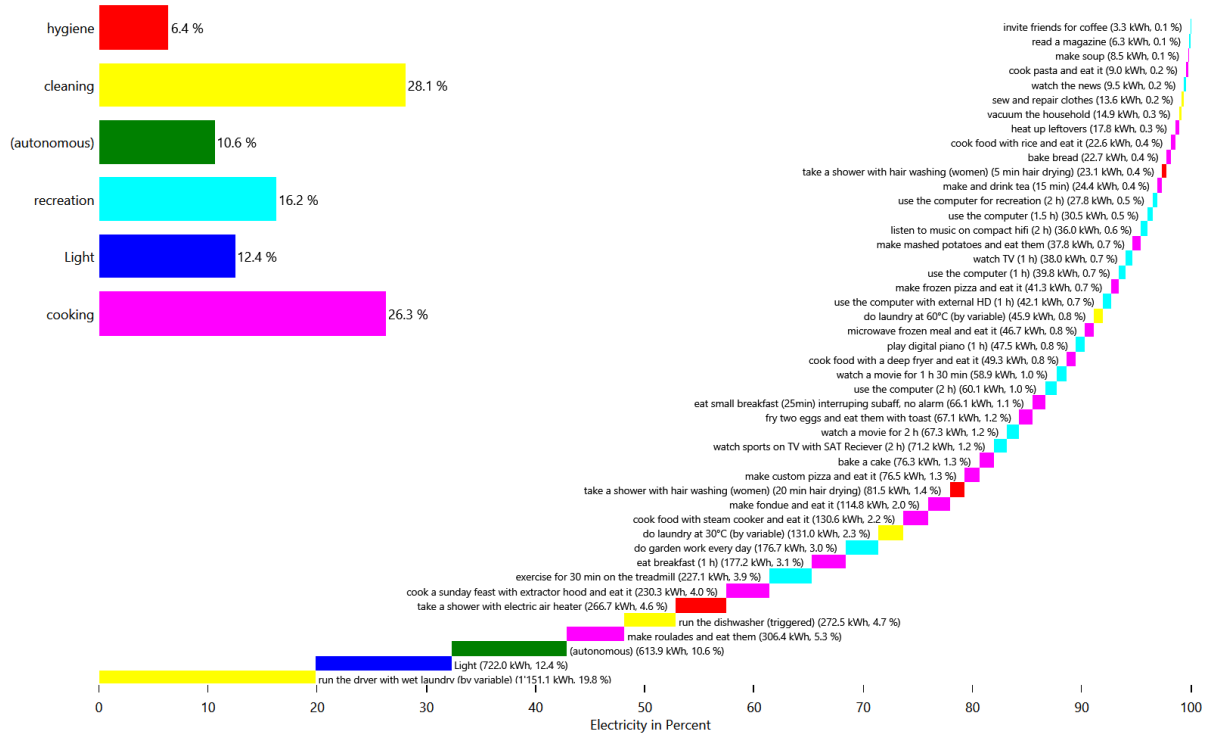


## HH0 - Cold Water

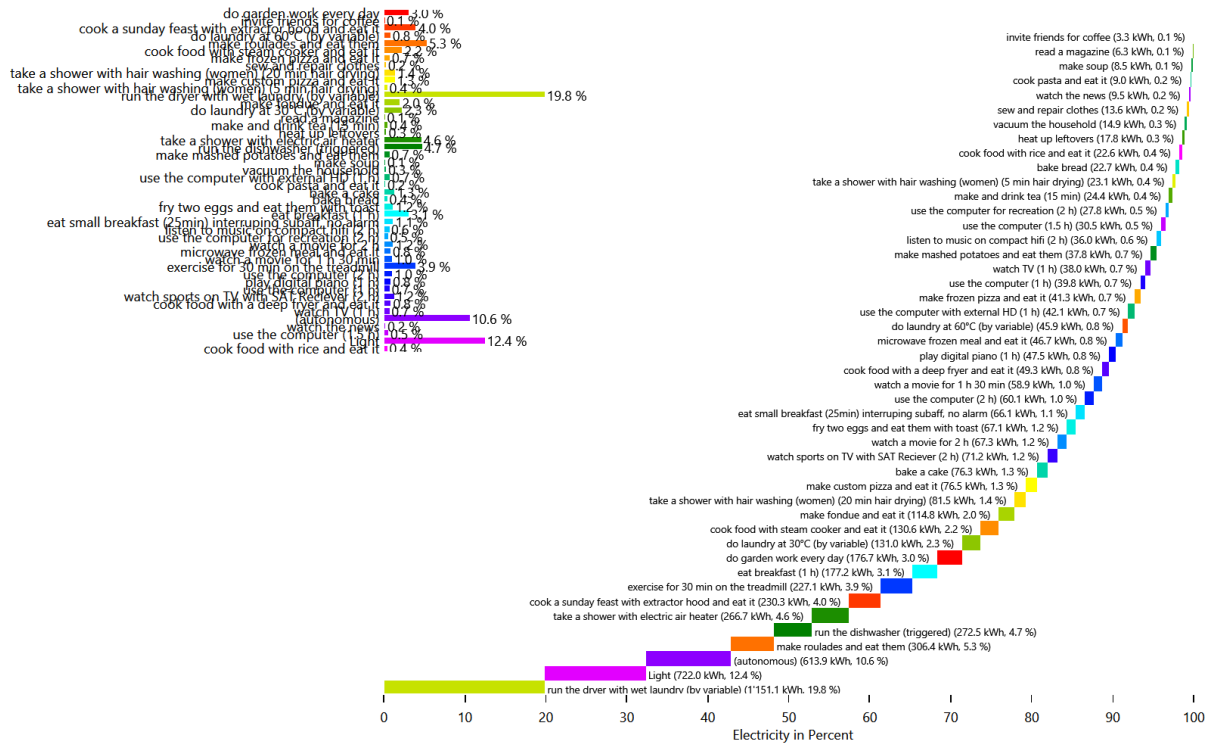




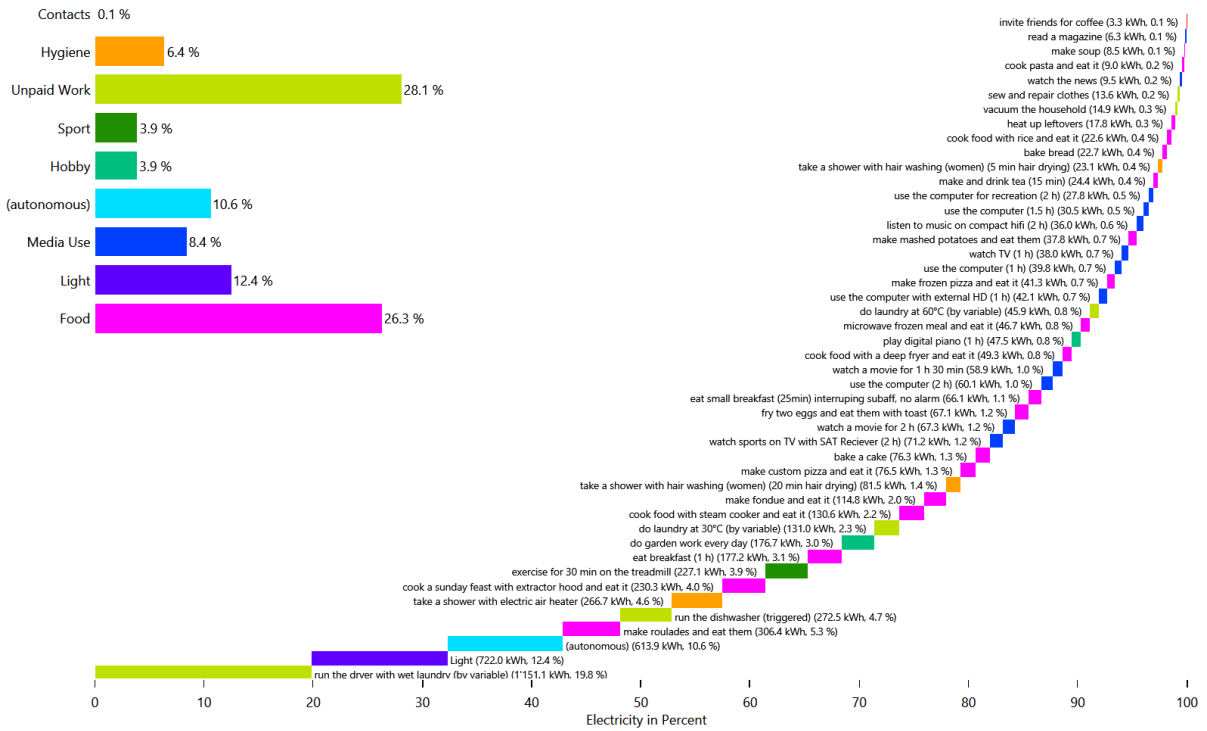
# HH0 - Electricity



# HH0 - Electricity



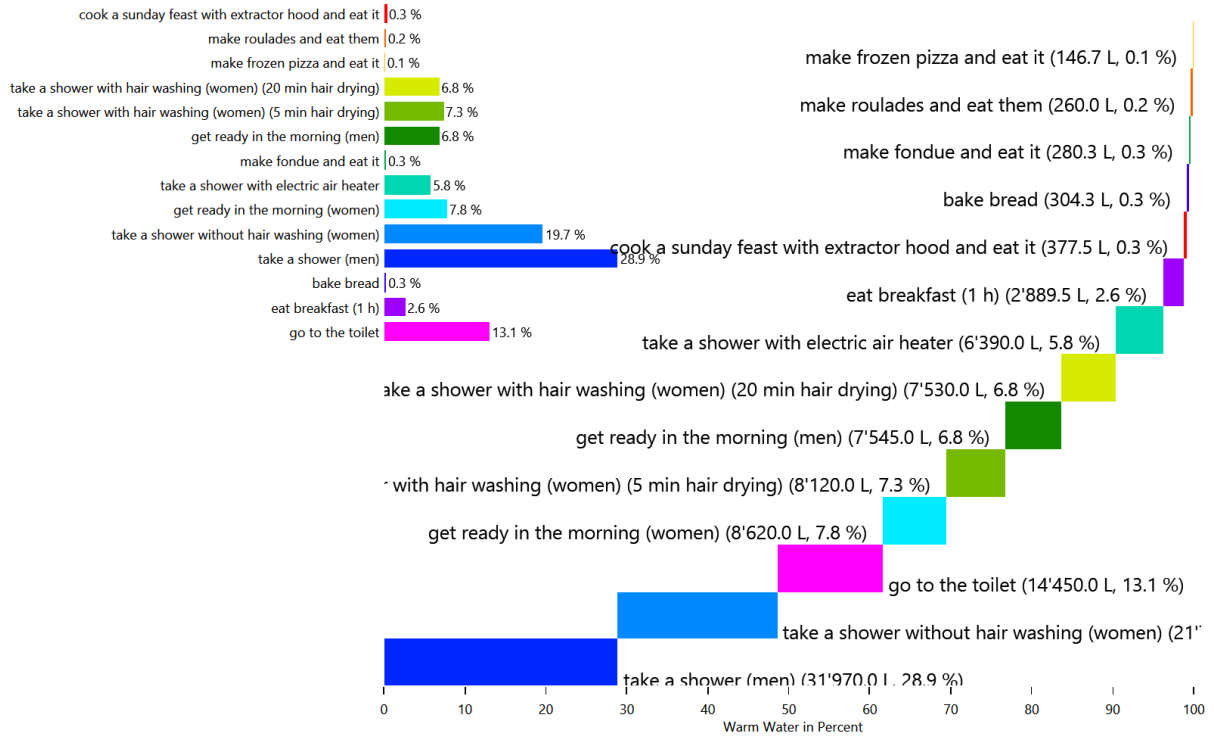
## HH0 - Electricity



## HH0 - Warm Water



## HH0 - Warm Water



## HH0 - Warm Water

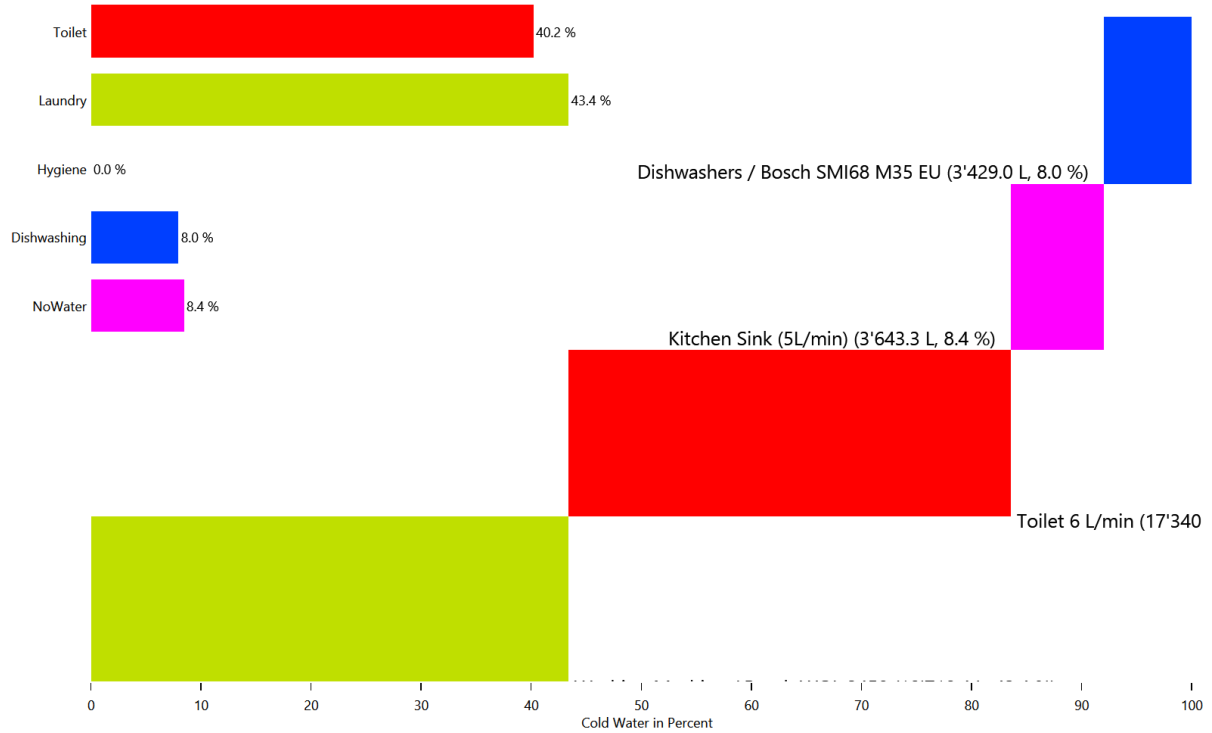


# Energy use for each load type for each device

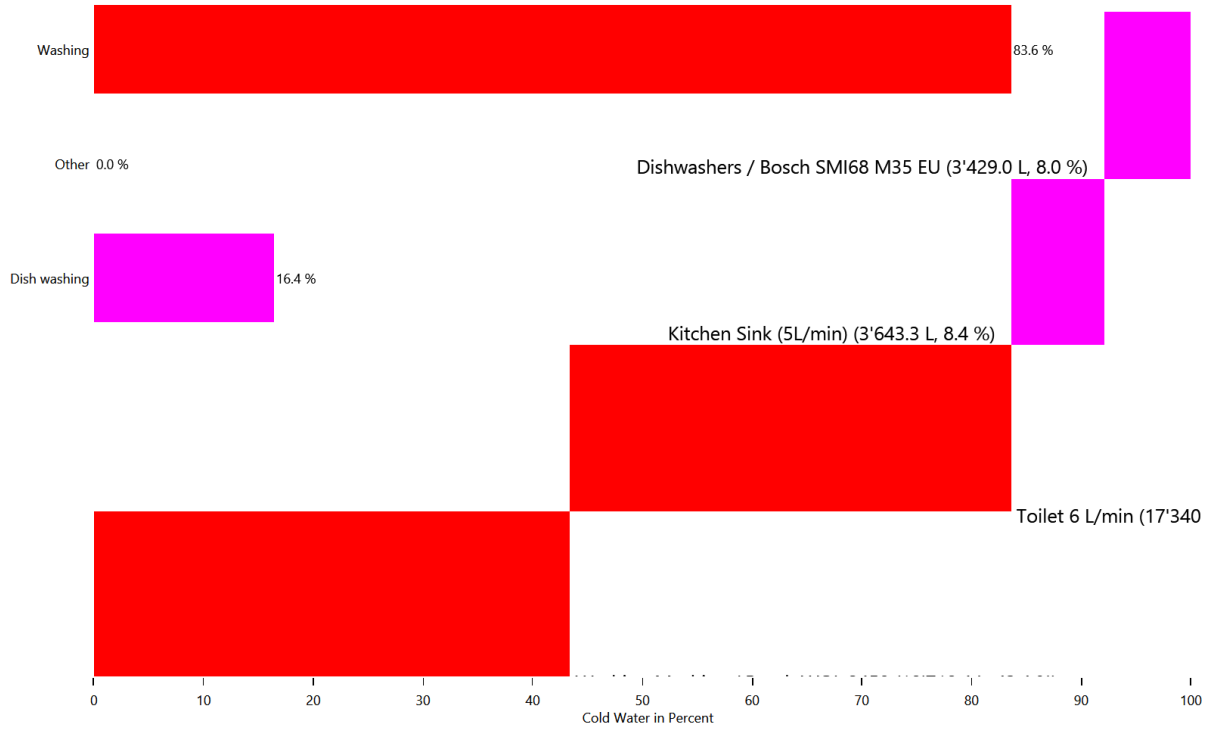
This is made from the files starting with: DeviceSums

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

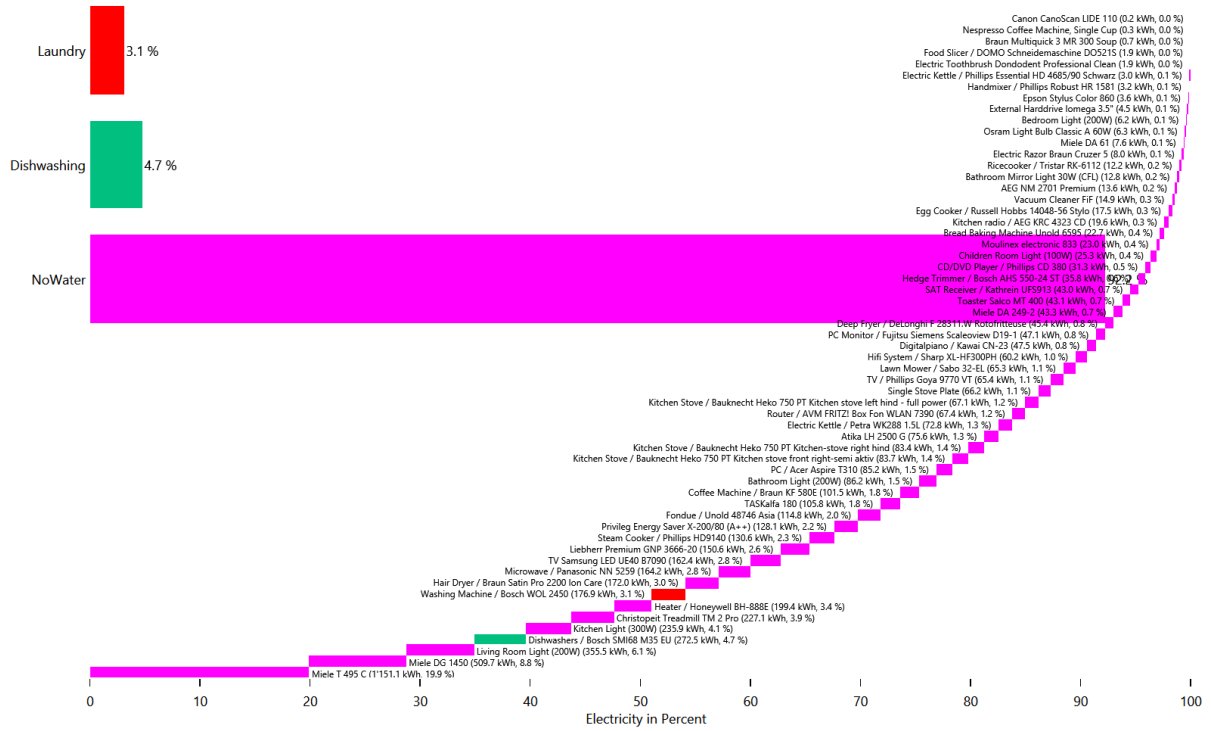
## Cold Water



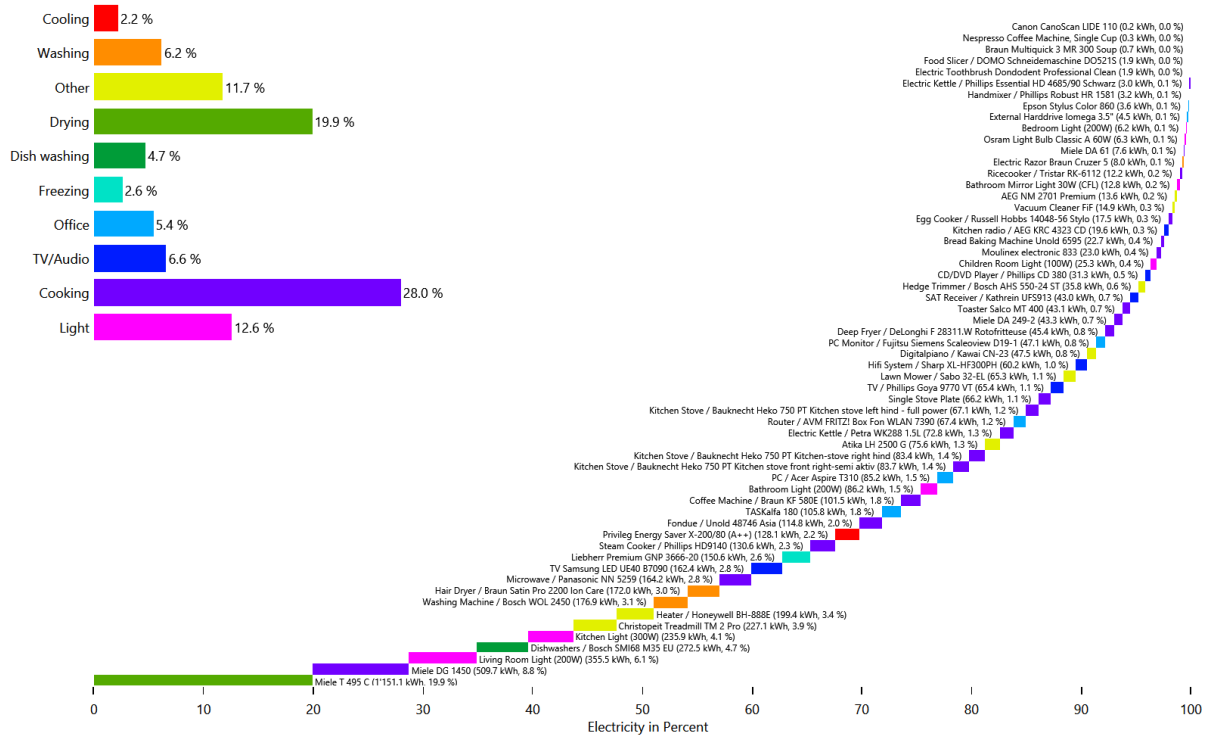
# Cold Water



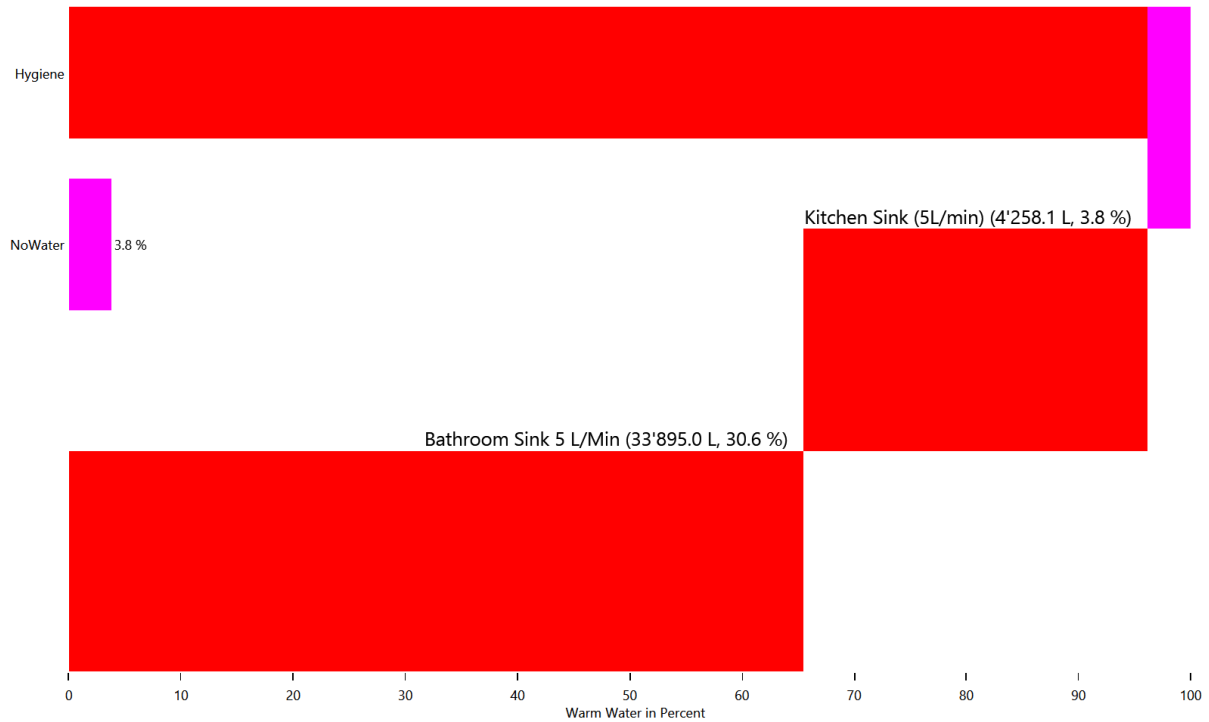
# Electricity



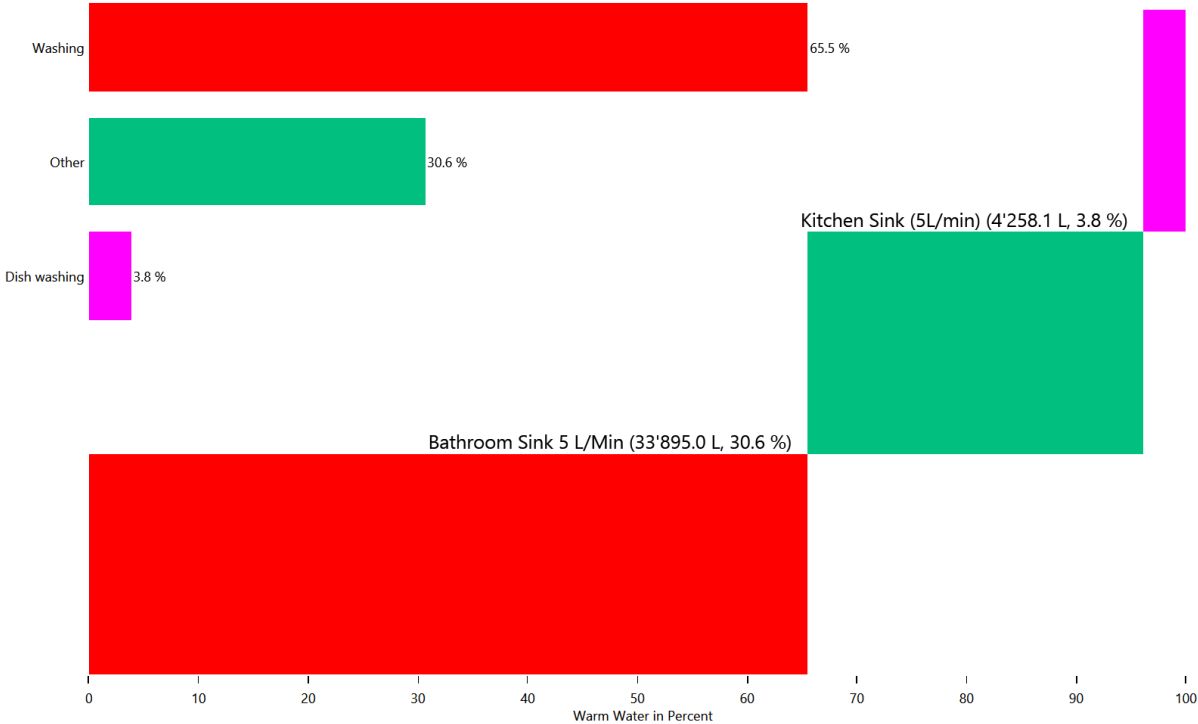
# Electricity



# Warm Water



# Warm Water

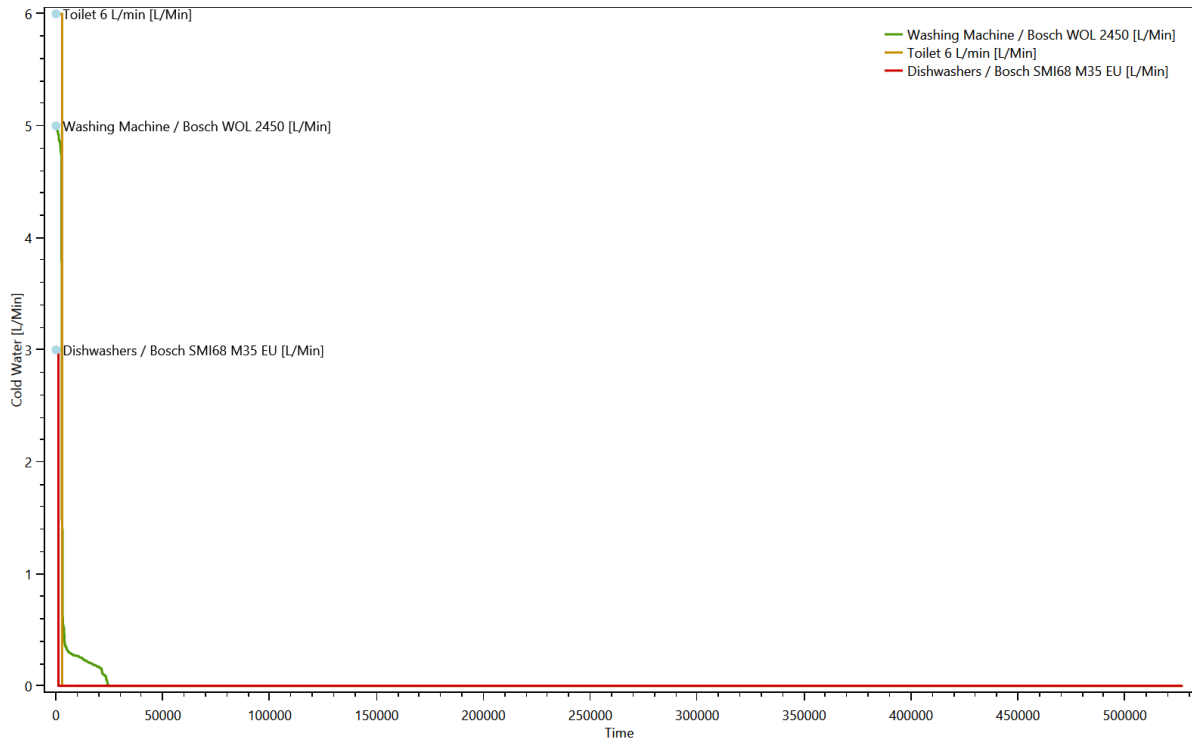


# Duration curve for each device for each load type

This is made from the files starting with: DeviceDurationCurves

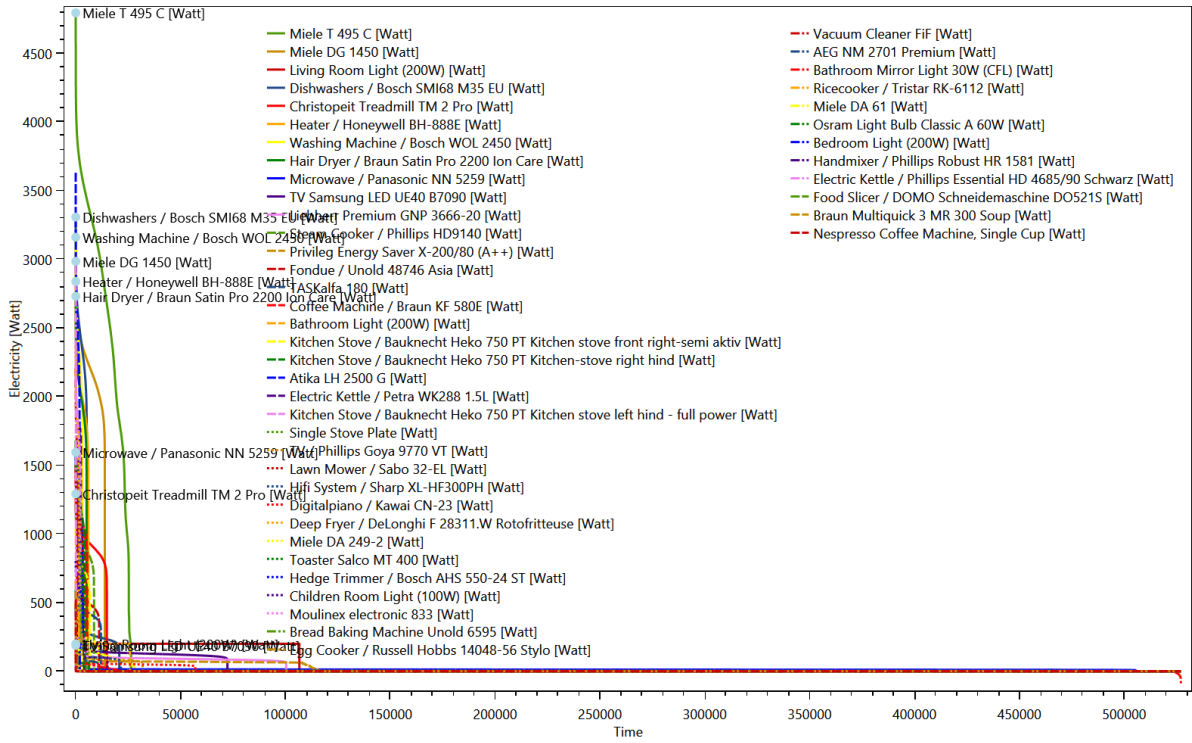
The device duration curve show the duration curve of each device to give an overview of the power consumption.

## Cold Water

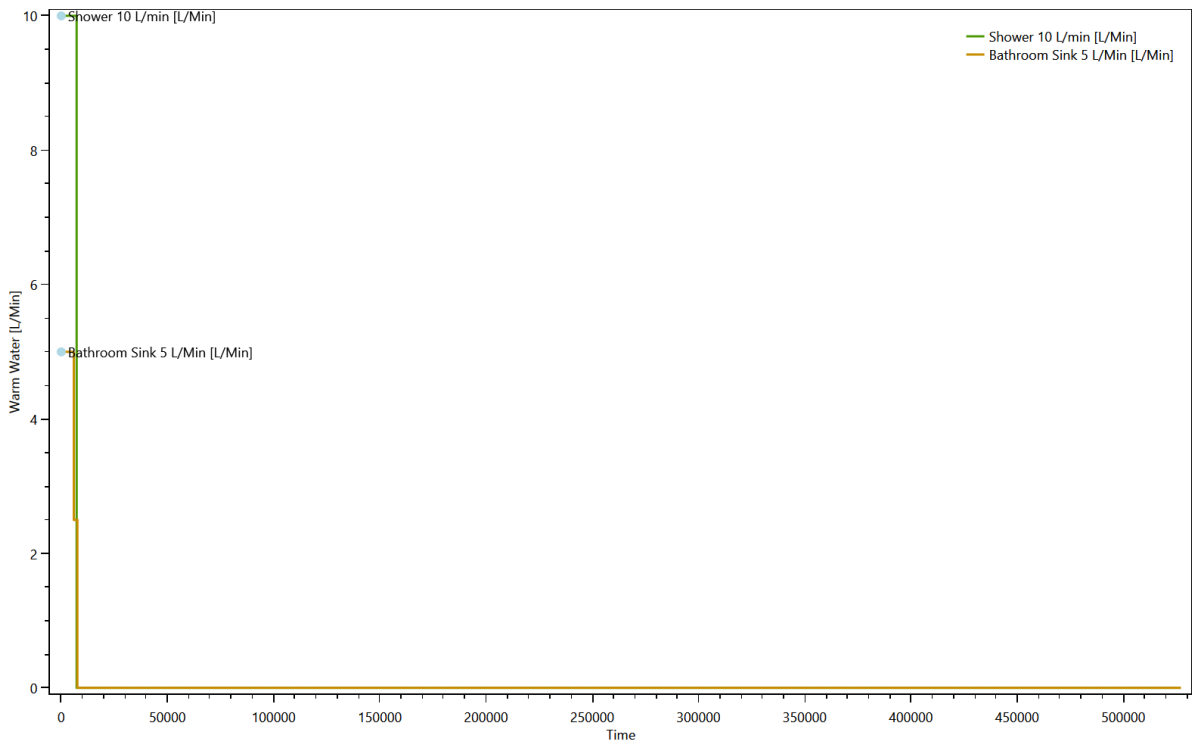




## Electricity



## Warm Water

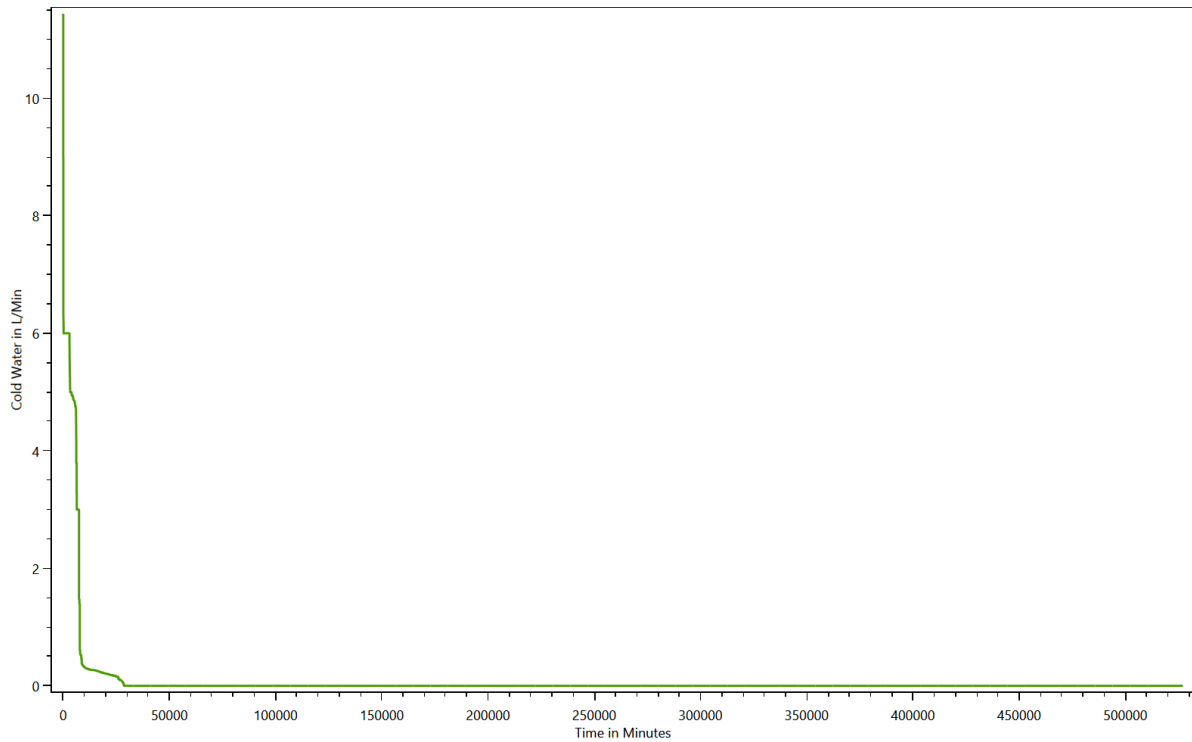


# Duration curve for each load type

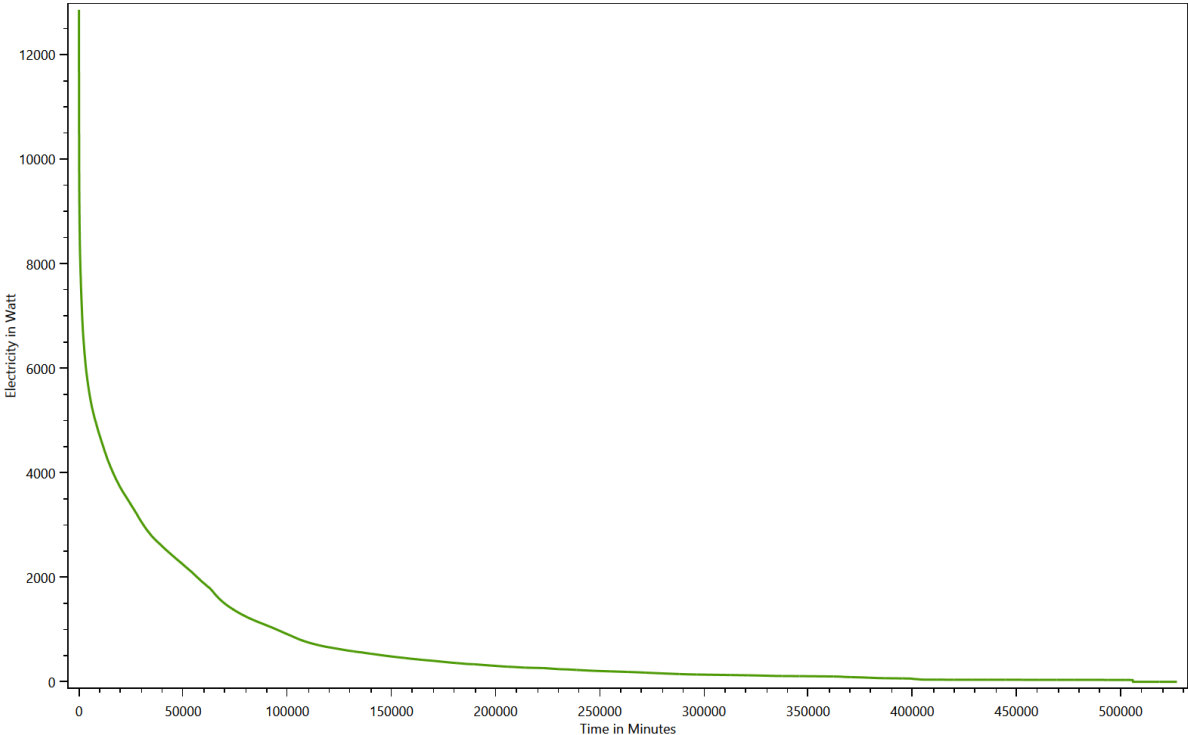
This is made from the files starting with: DurationCurve

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

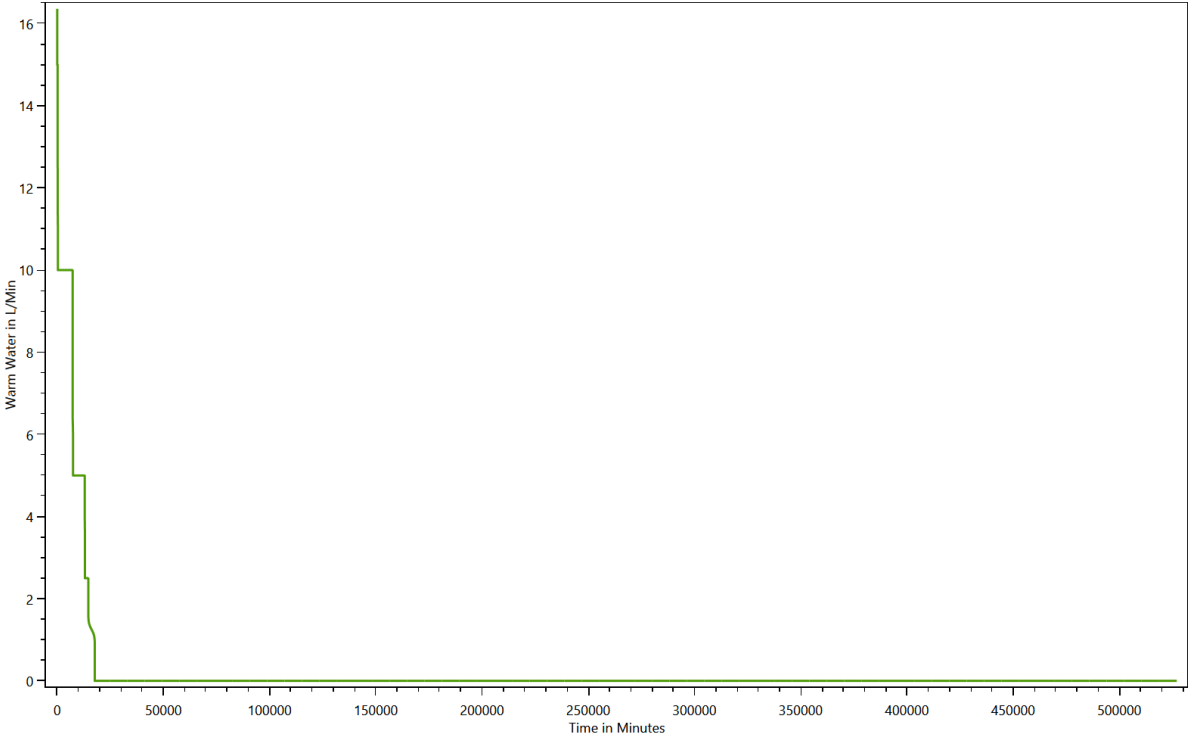
## Cold Water



# Electricity



# Warm Water

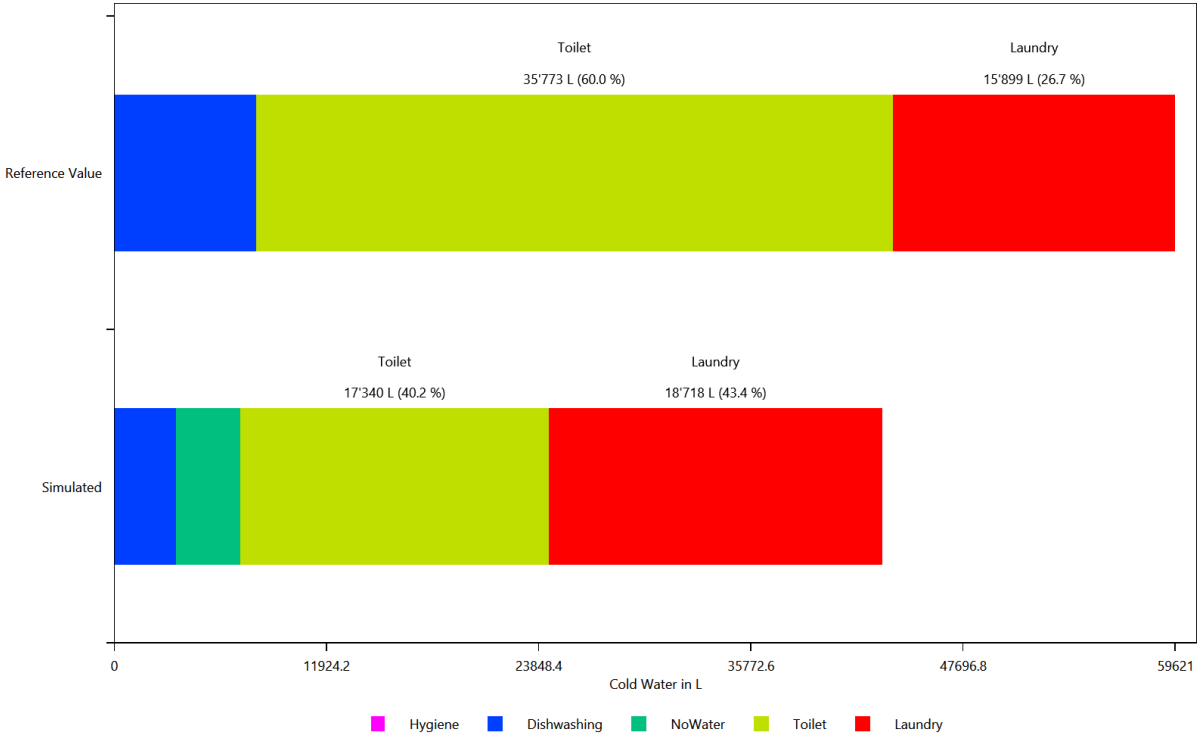


# Grouped energy use for each load type for each device

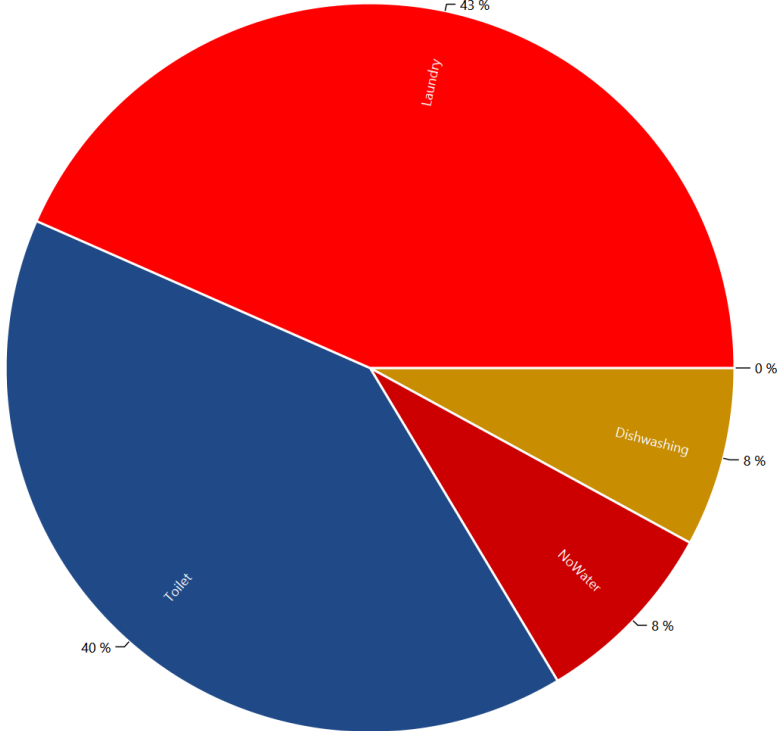
This is made from the files starting with: DeviceTaggingSet

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

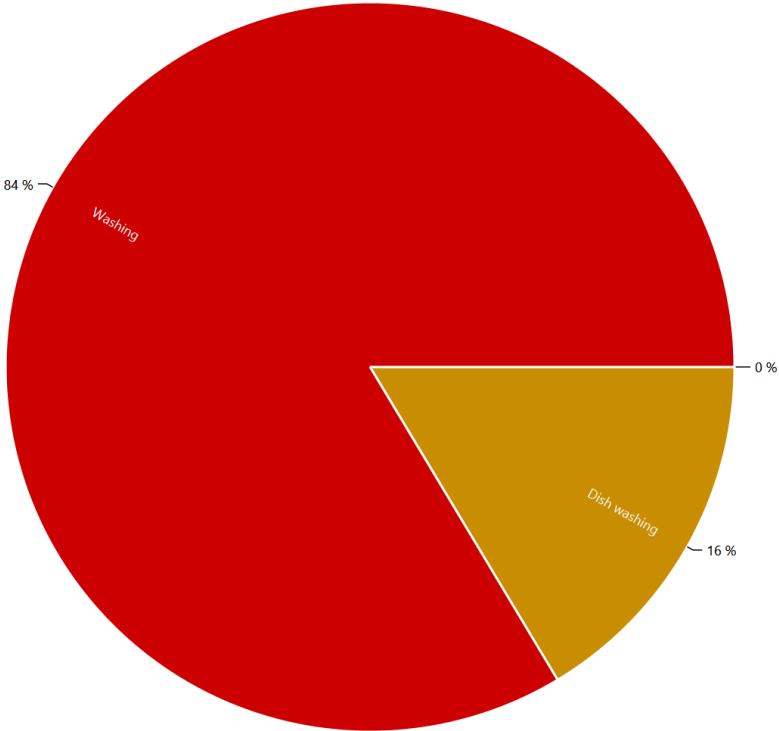
## HH0 - Destatis Water Usage Statistics - Cold Water



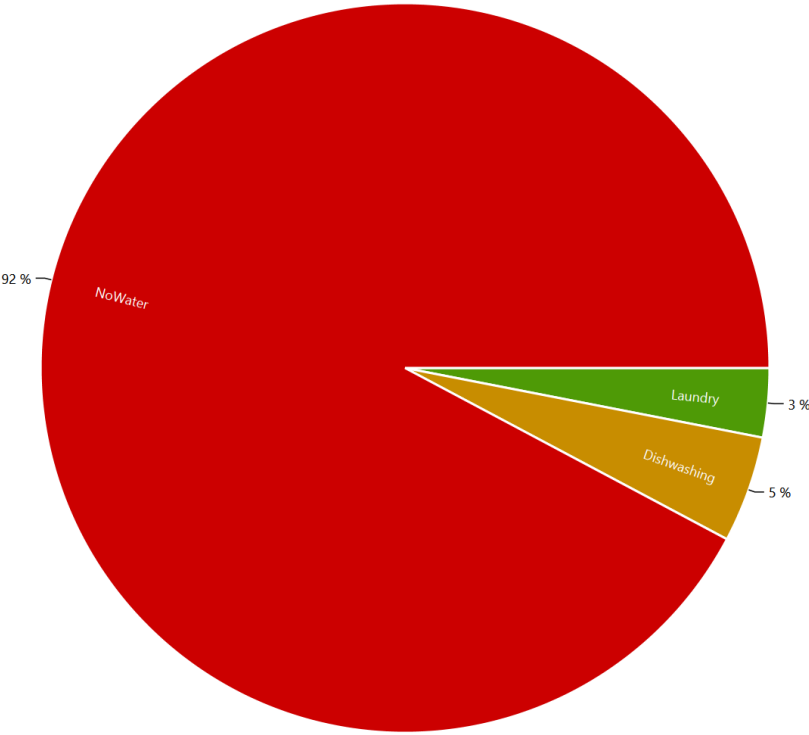
HH0 - Destatis Water Usage Statistics - Cold Water



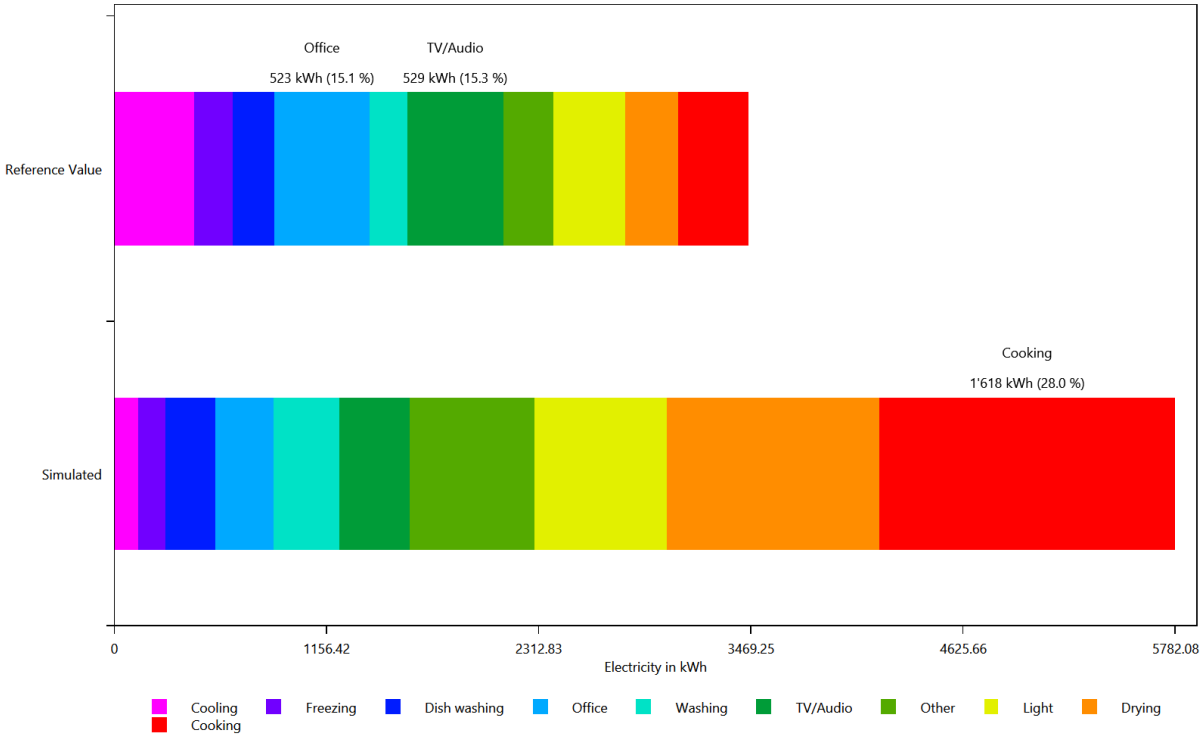
HH0 - Energieagentur - Cold Water



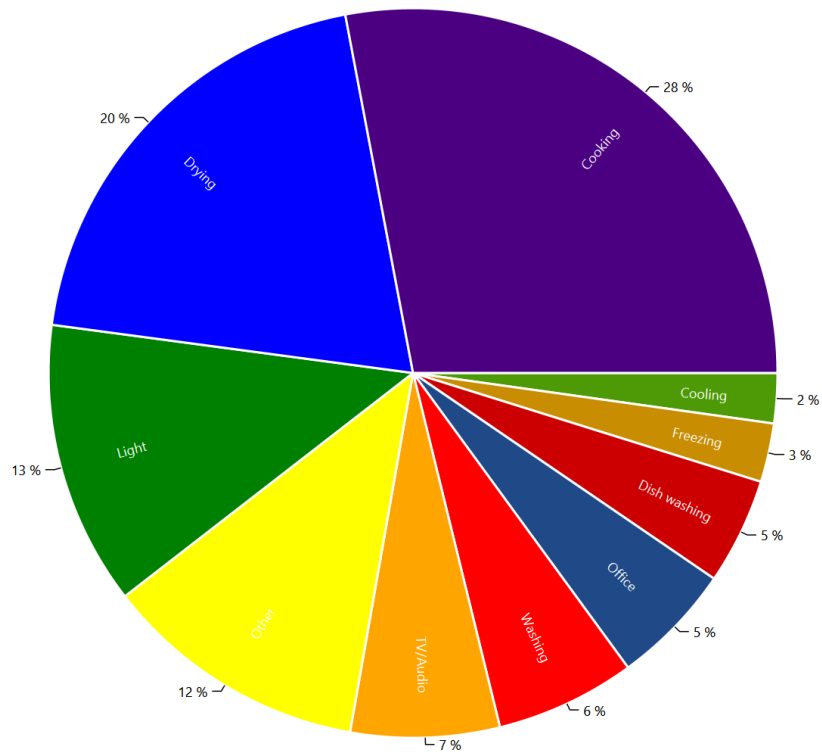
# HH0 - Destatis Water Usage Statistics - Electricity



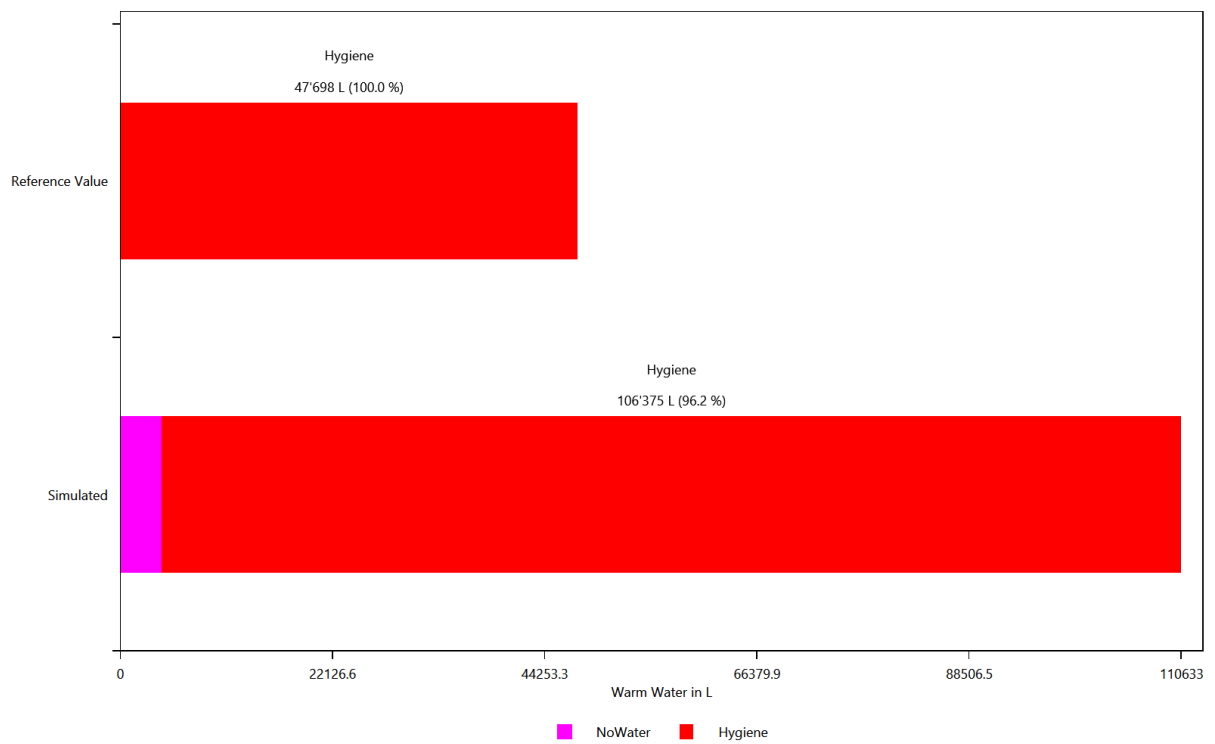
# HH0 - Energieagentur - Electricity



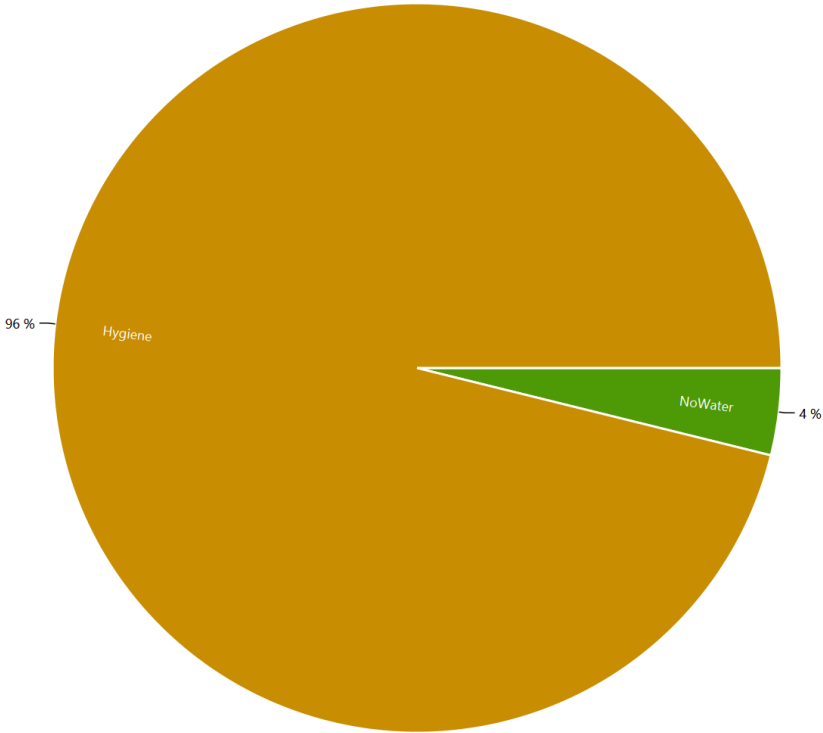
## HH0 - Energieagentur - Electricity



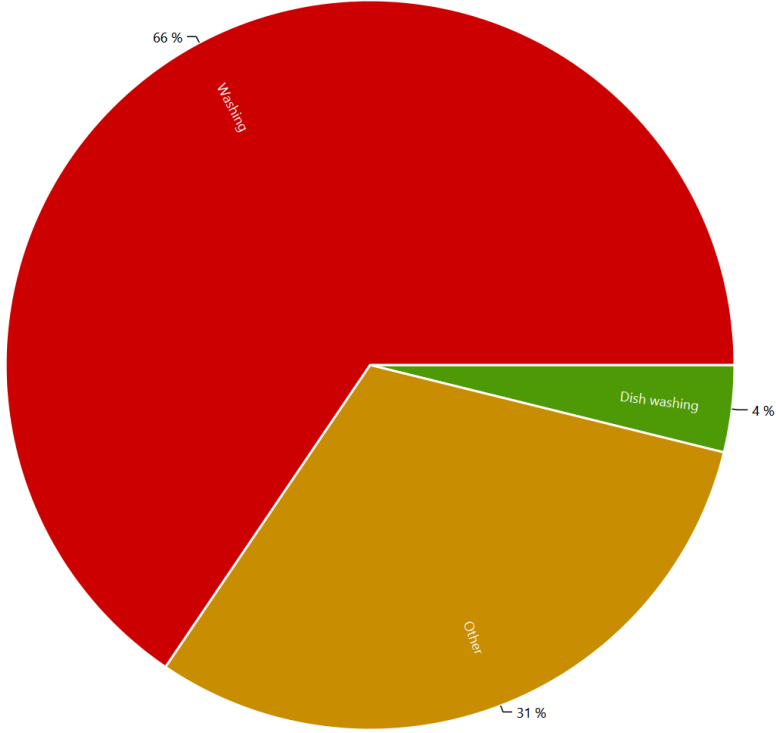
## HH0 - Destatis Water Usage Statistics - Warm Water



HH0 - Destatis Water Usage Statistics - Warm Water



HH0 - Energieagentur - Warm Water



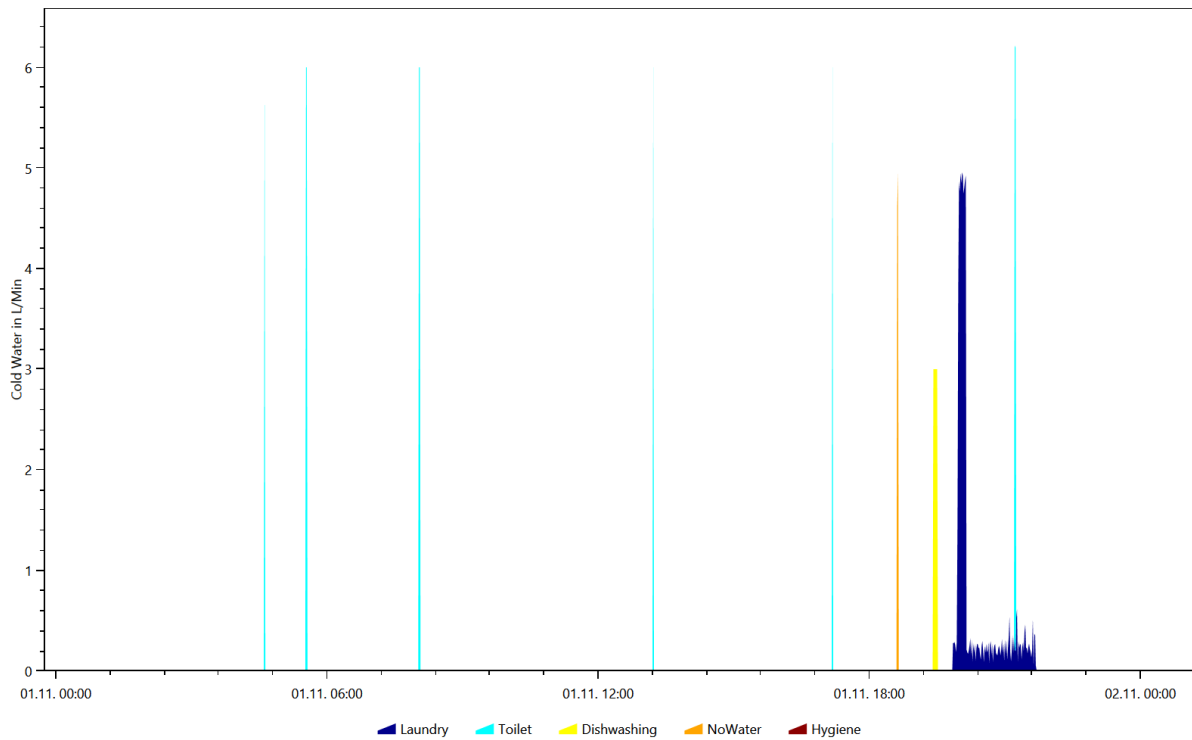


# Example of the device profiles for each load type

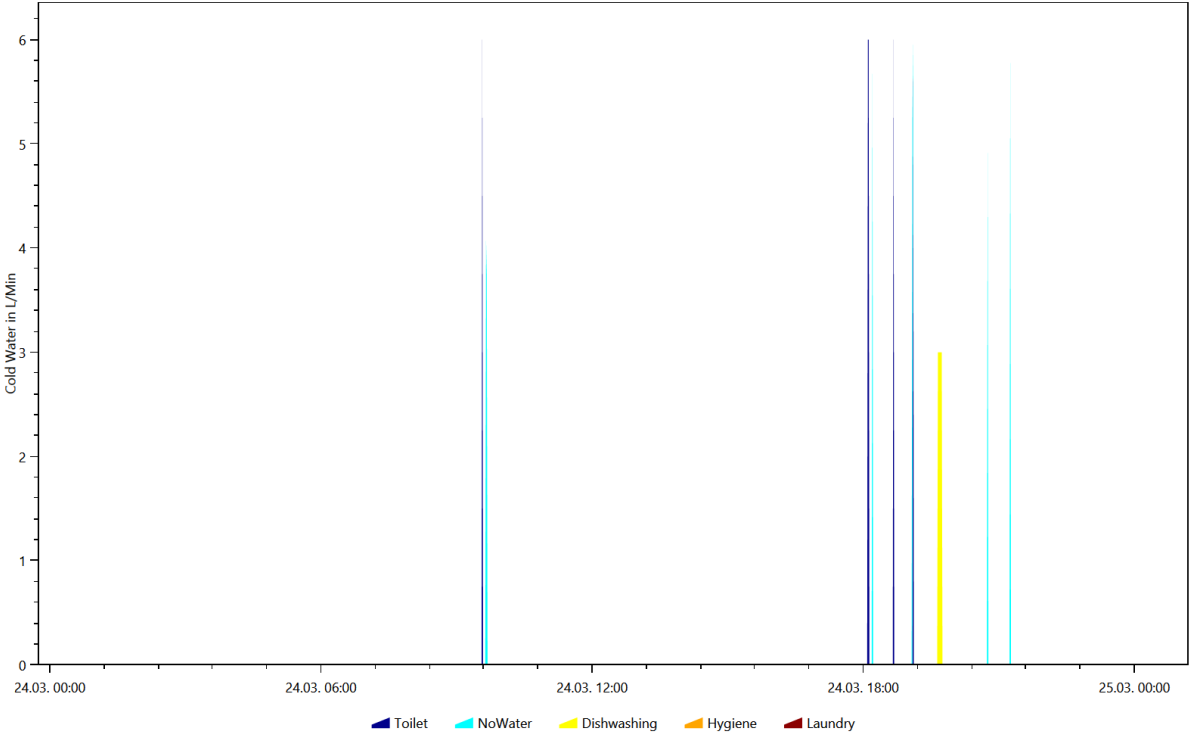
This is made from the files starting with: DeviceProfiles

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

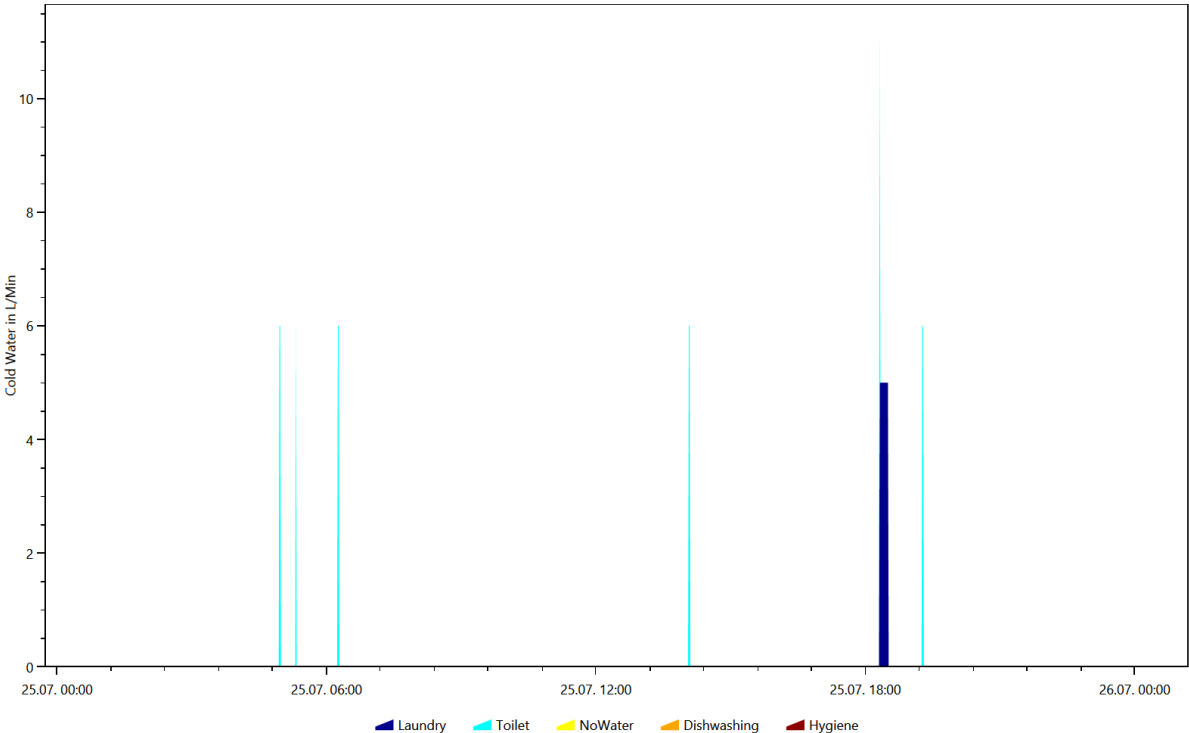
Cold Water, Coloring Scheme: Destatis Water Usage Statistics, Date 2016.11.1



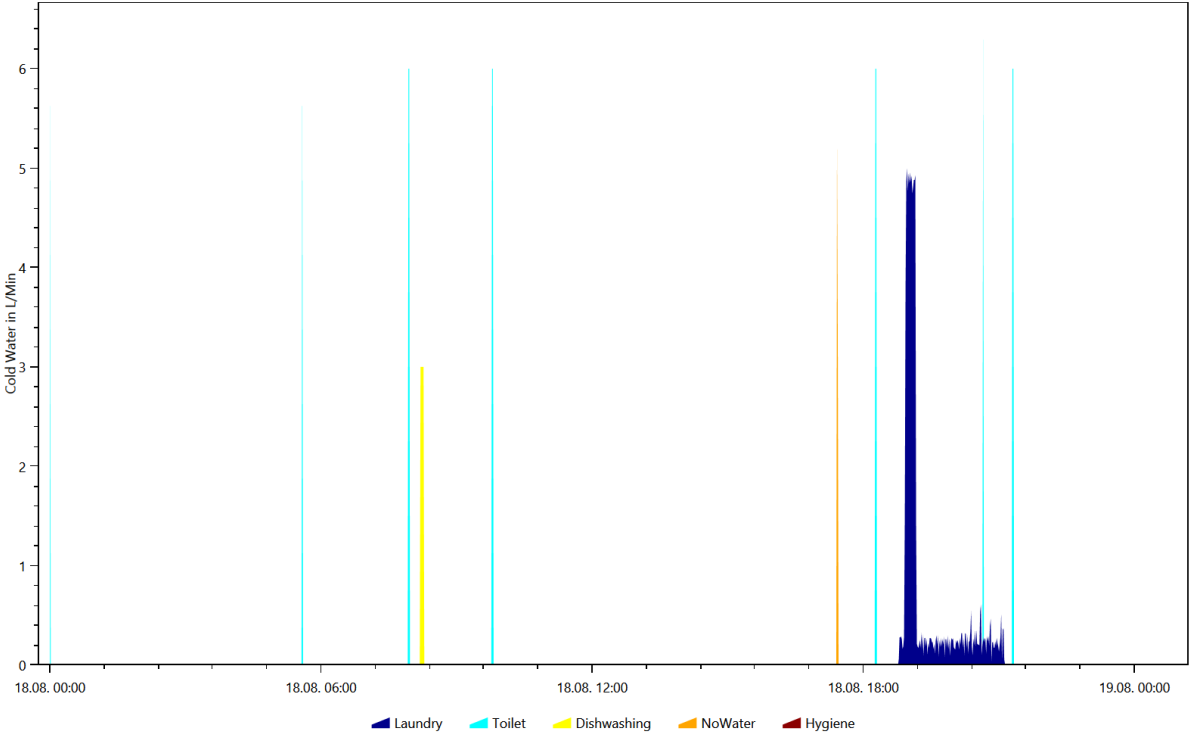
Cold Water, Coloring Scheme: Destatis Water Usage Statistics, Date 2016.3.24



Cold Water, Coloring Scheme: Destatis Water Usage Statistics, Date 2016.7.25



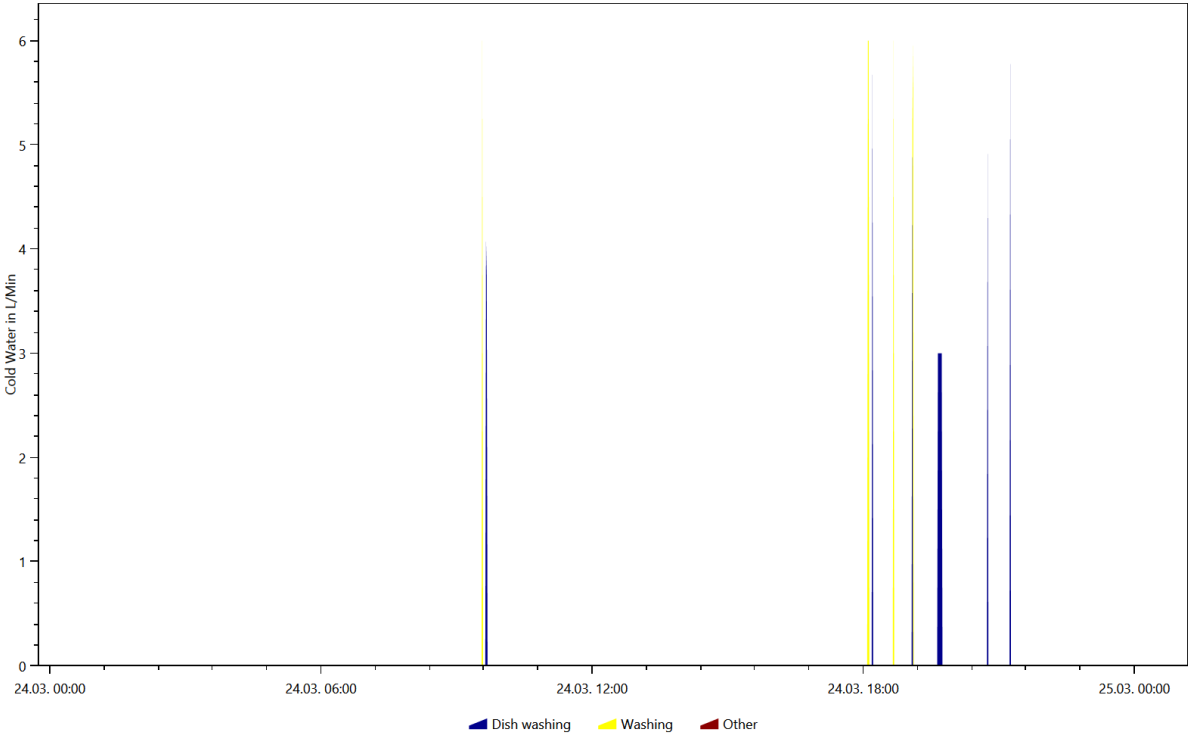
Cold Water, Coloring Scheme: Destatis Water Usage Statistics, Date 2016.8.18



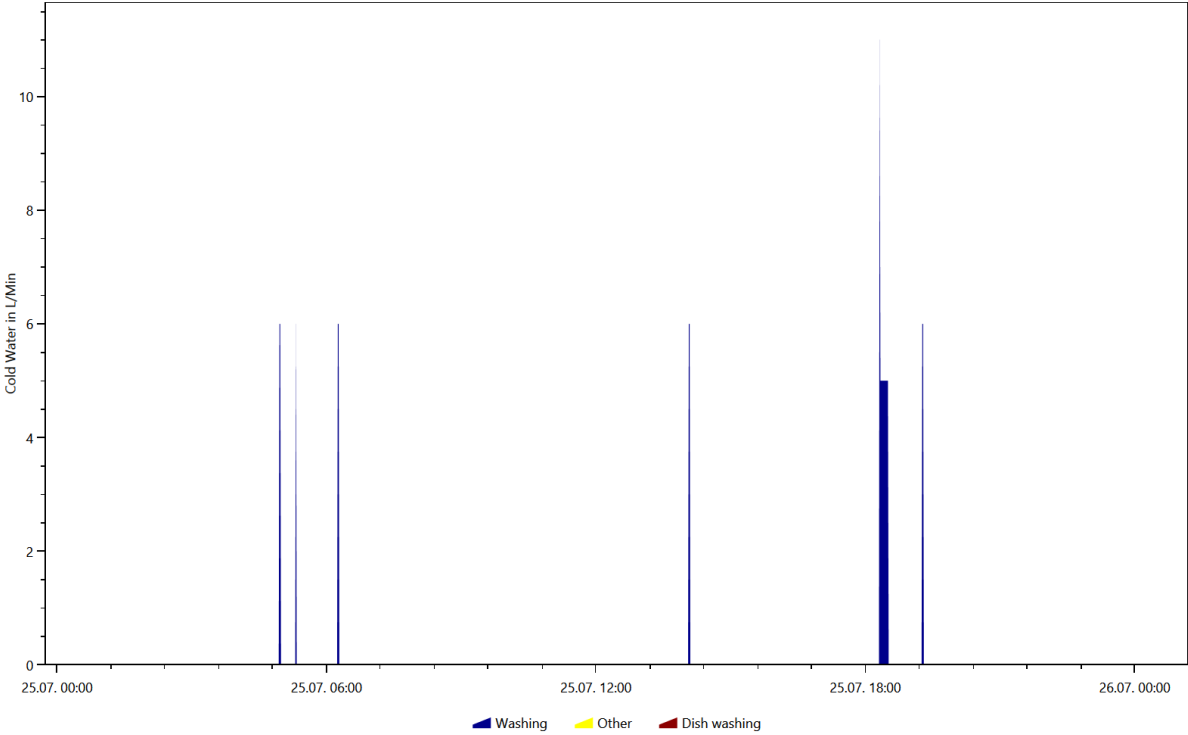
Cold Water, Coloring Scheme: Destatis Water Usage Statistics, Date 2016.9.10



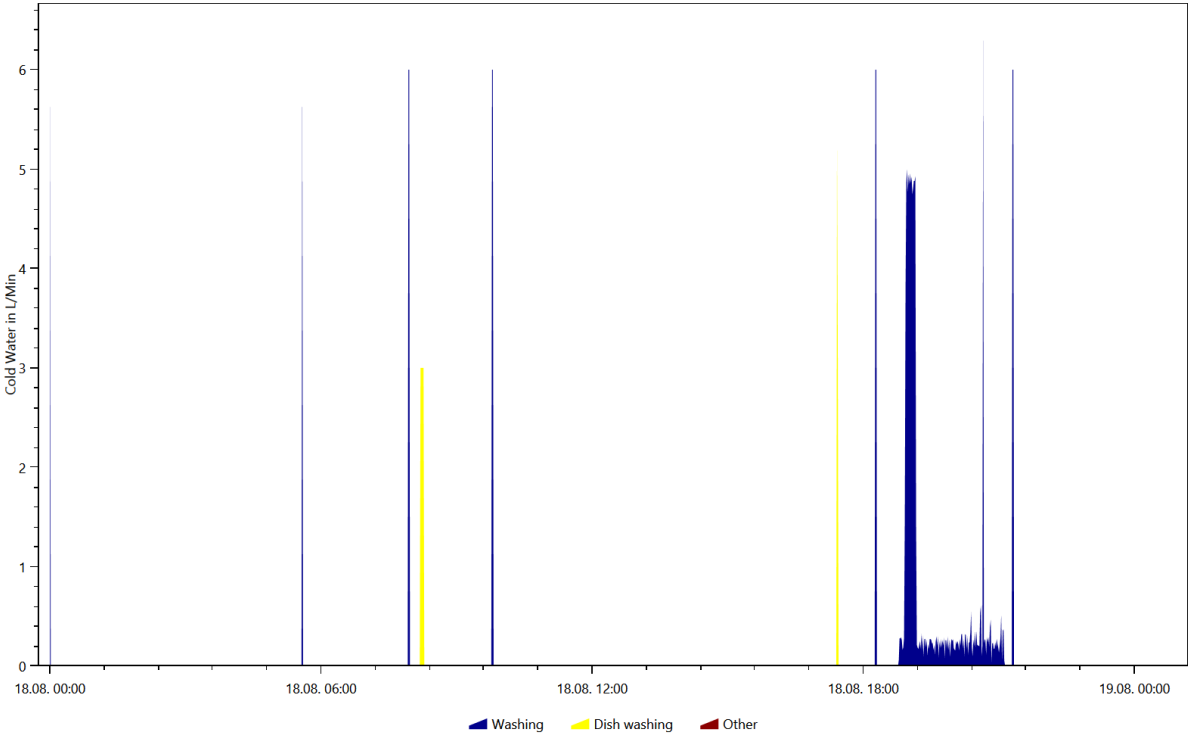
Cold Water, Coloring Scheme: Energieagentur.NRW Tags, Date 2016.3.24



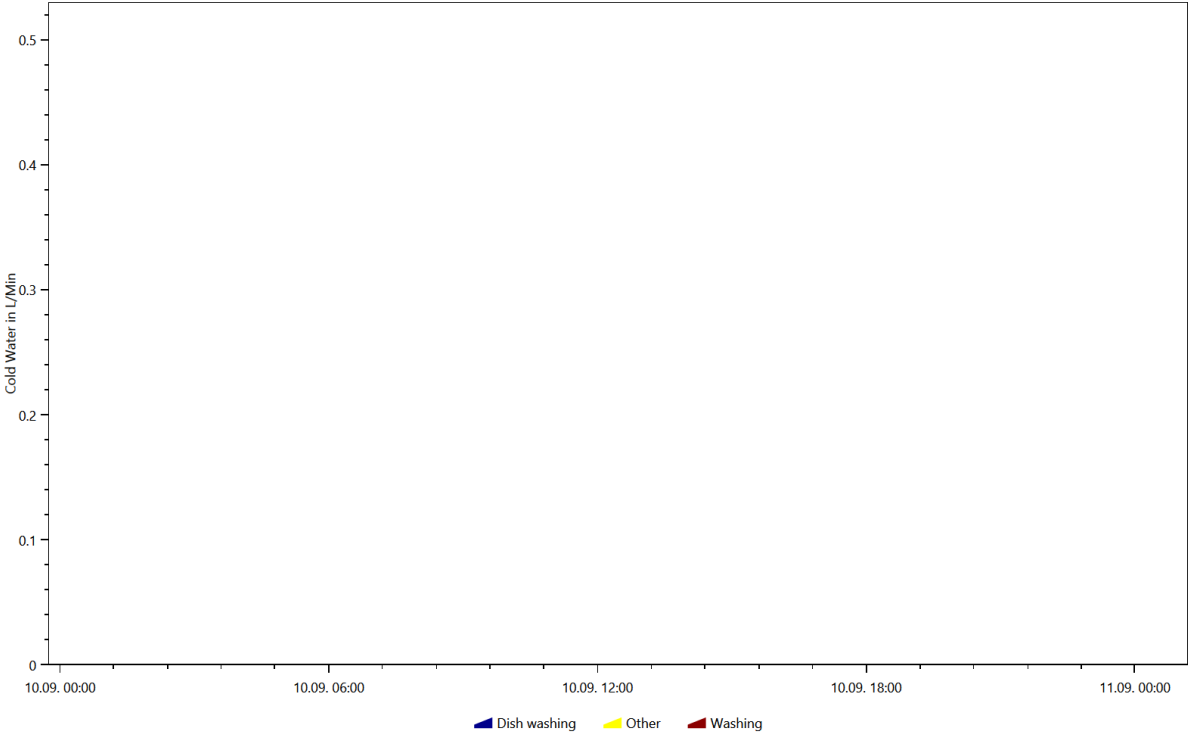
Cold Water, Coloring Scheme: Energieagentur.NRW Tags, Date 2016.7.25



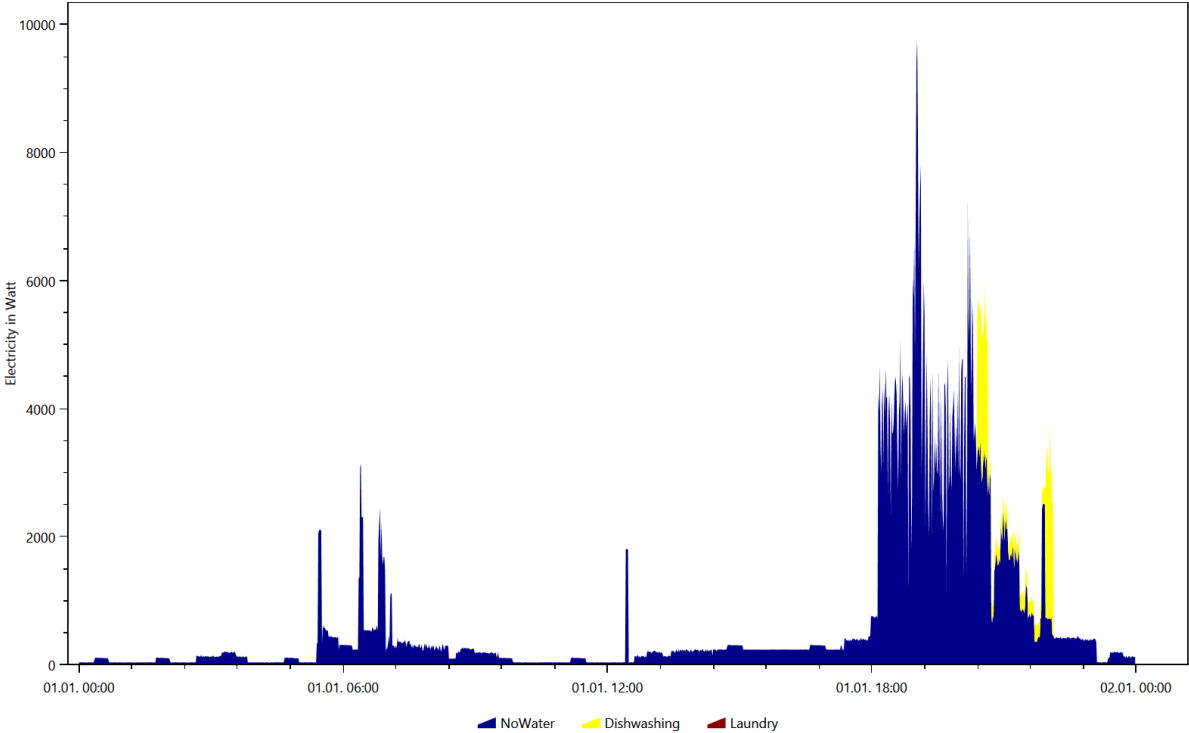
Cold Water, Coloring Scheme: Energieagentur.NRW Tags, Date 2016.8.18



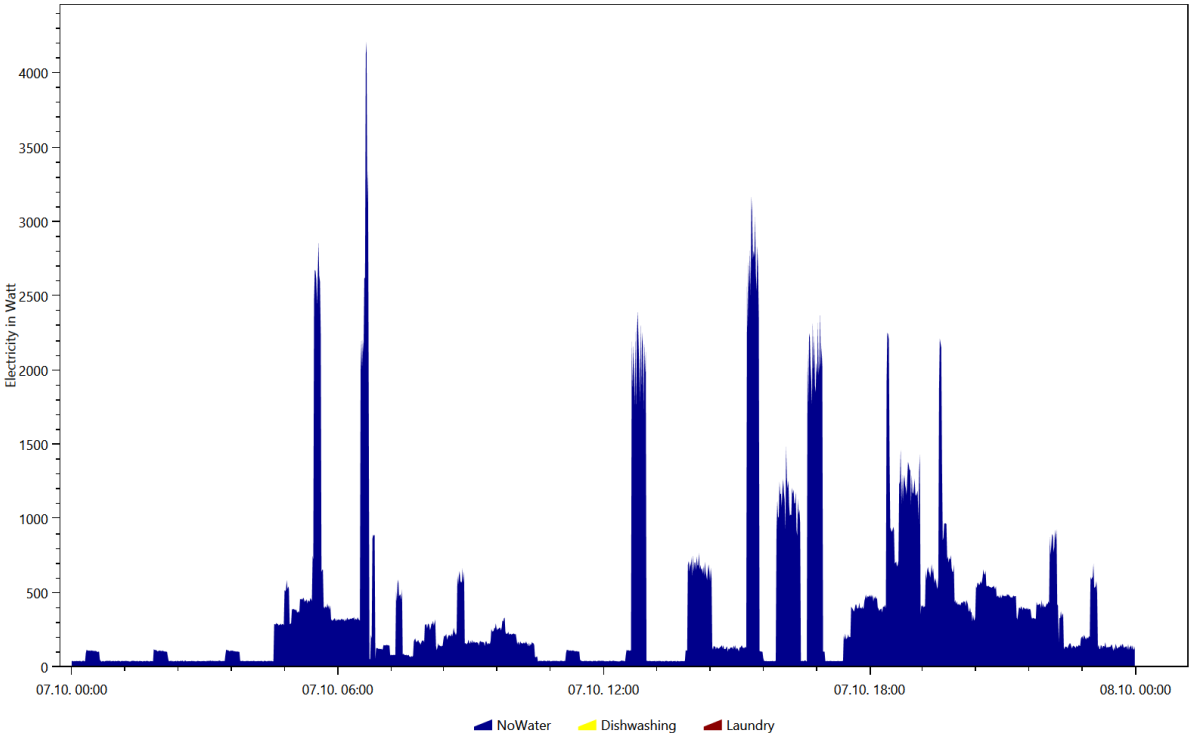
Cold Water, Coloring Scheme: Energieagentur.NRW Tags, Date 2016.9.10



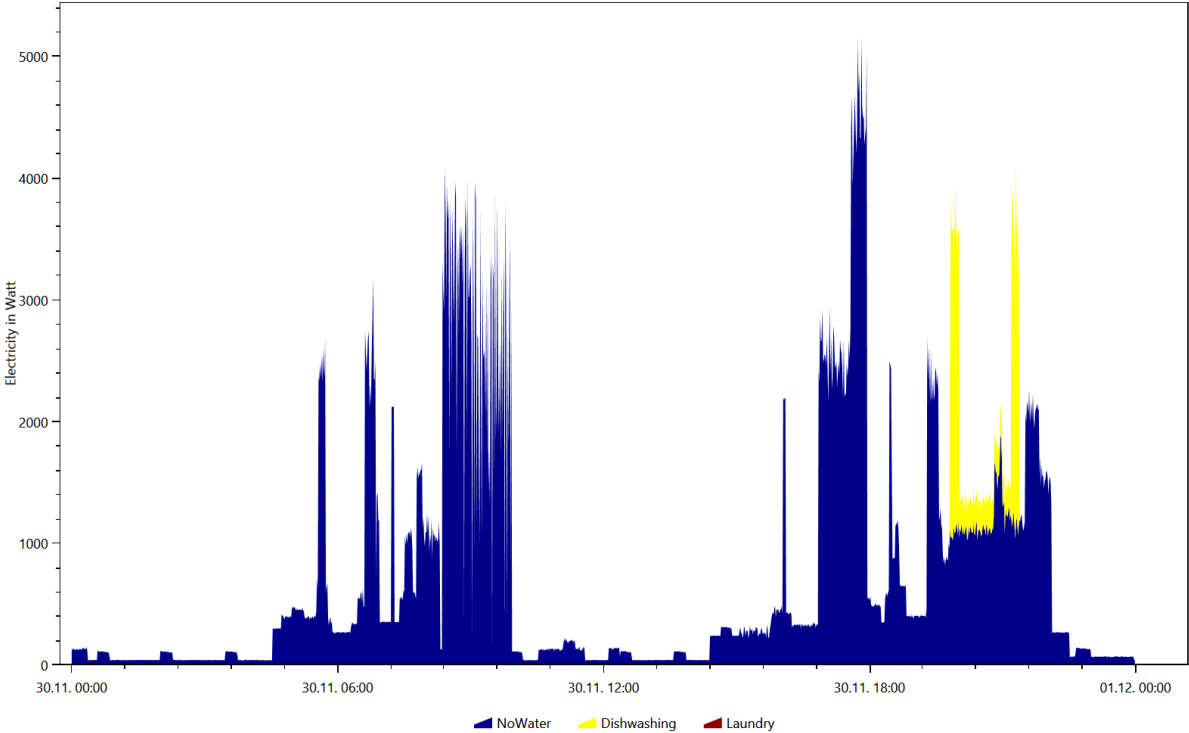
Electricity, Coloring Scheme: Destatis Water Usage Statistics, Date 2016.1.1



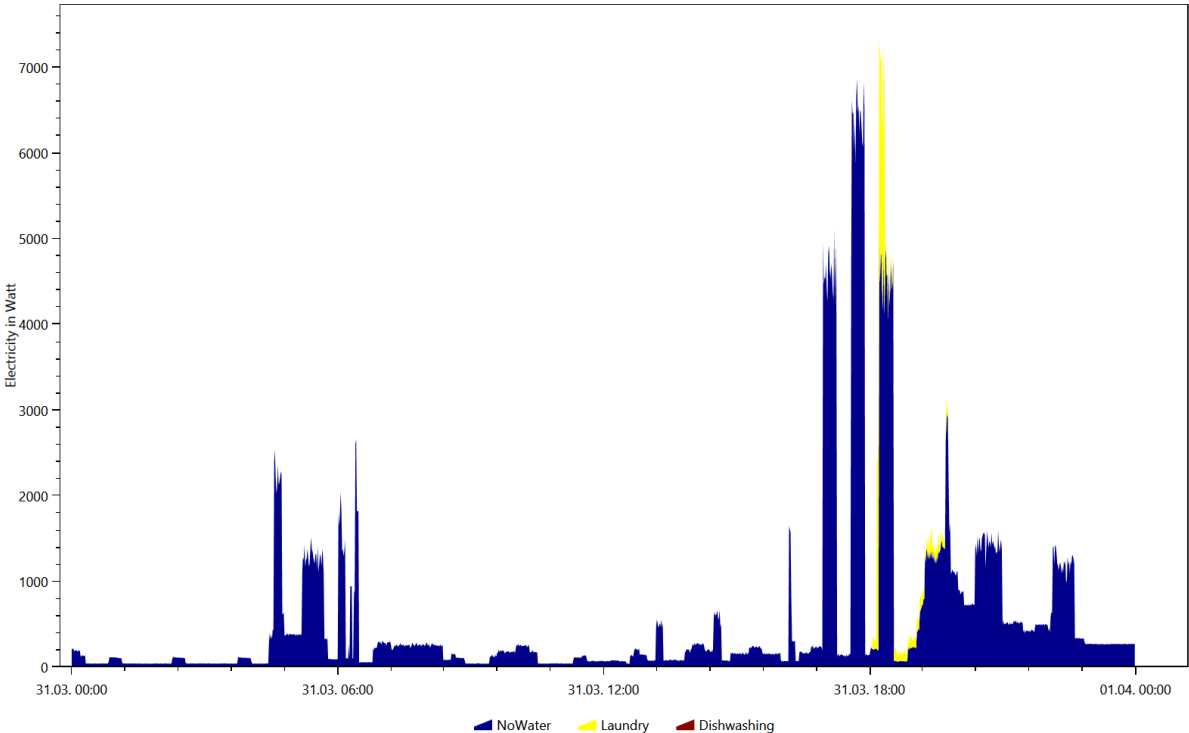
Electricity, Coloring Scheme: Destatis Water Usage Statistics, Date 2016.10.7



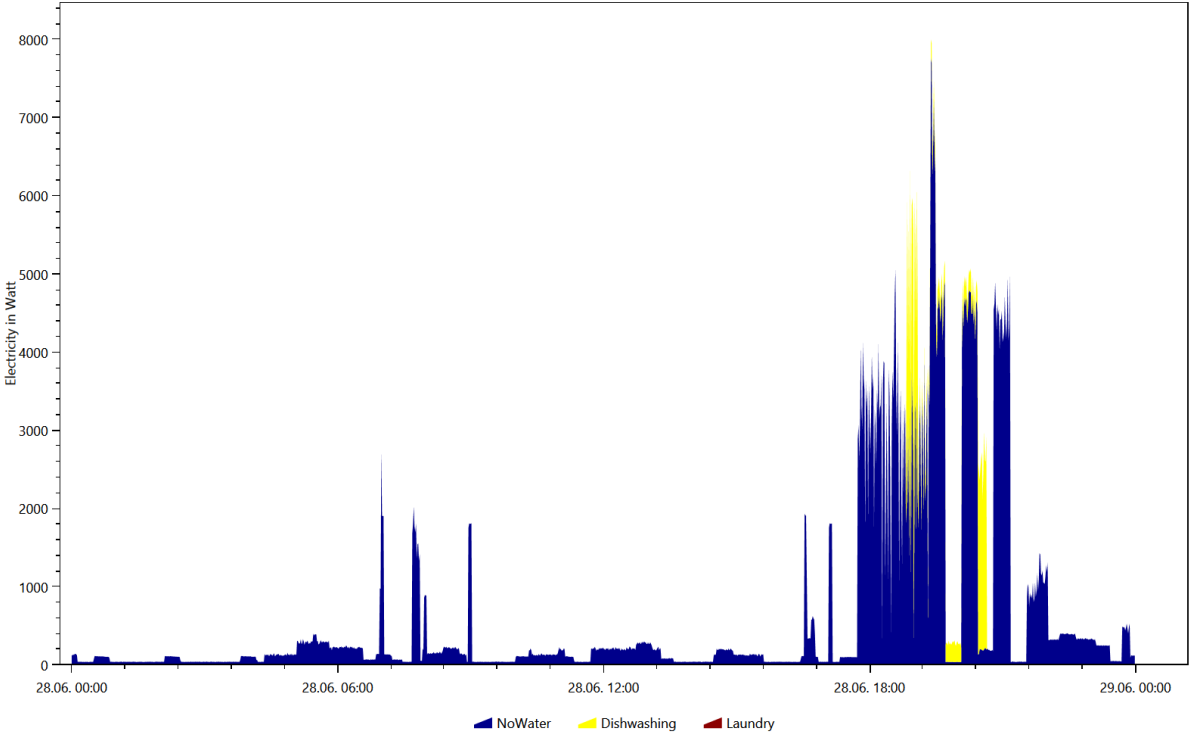
Electricity, Coloring Scheme: Destatis Water Usage Statistics, Date 2016.11.30



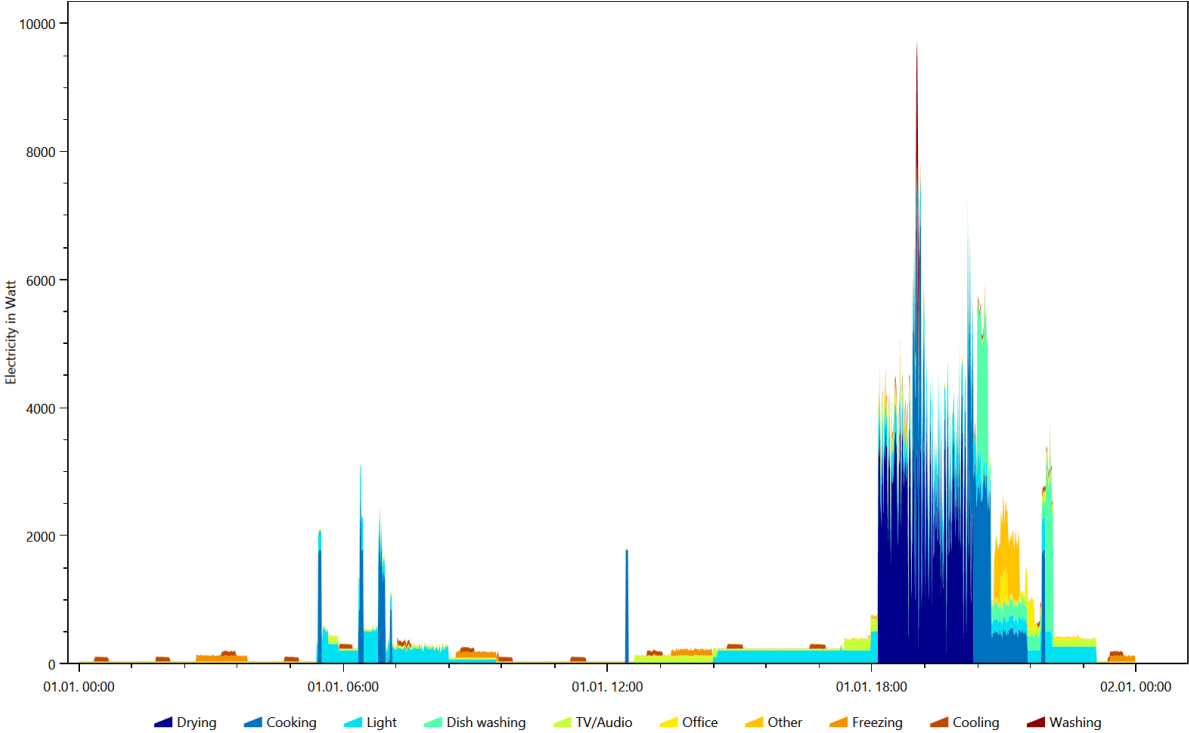
Electricity, Coloring Scheme: Destatis Water Usage Statistics, Date 2016.3.31



# Electricity, Coloring Scheme: Destatis Water Usage Statistics, Date 2016.6.28

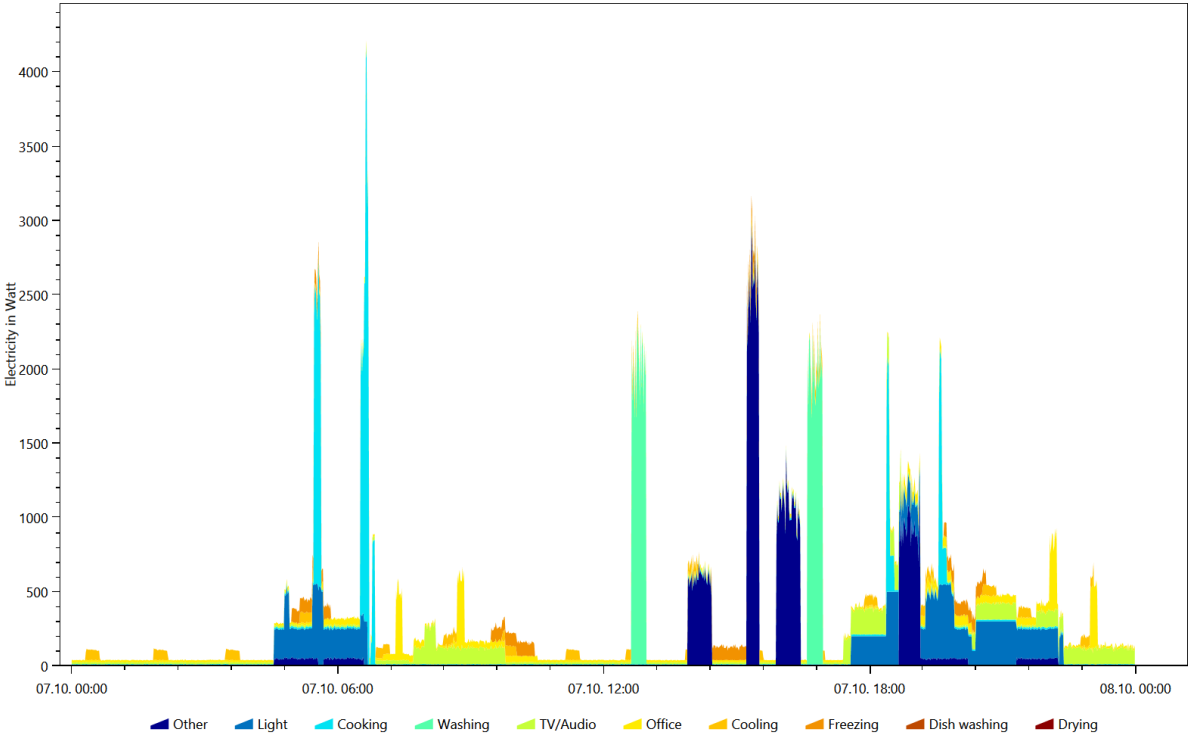


# Electricity, Coloring Scheme: Energieagentur.NRW Tags, Date 2016.1.1

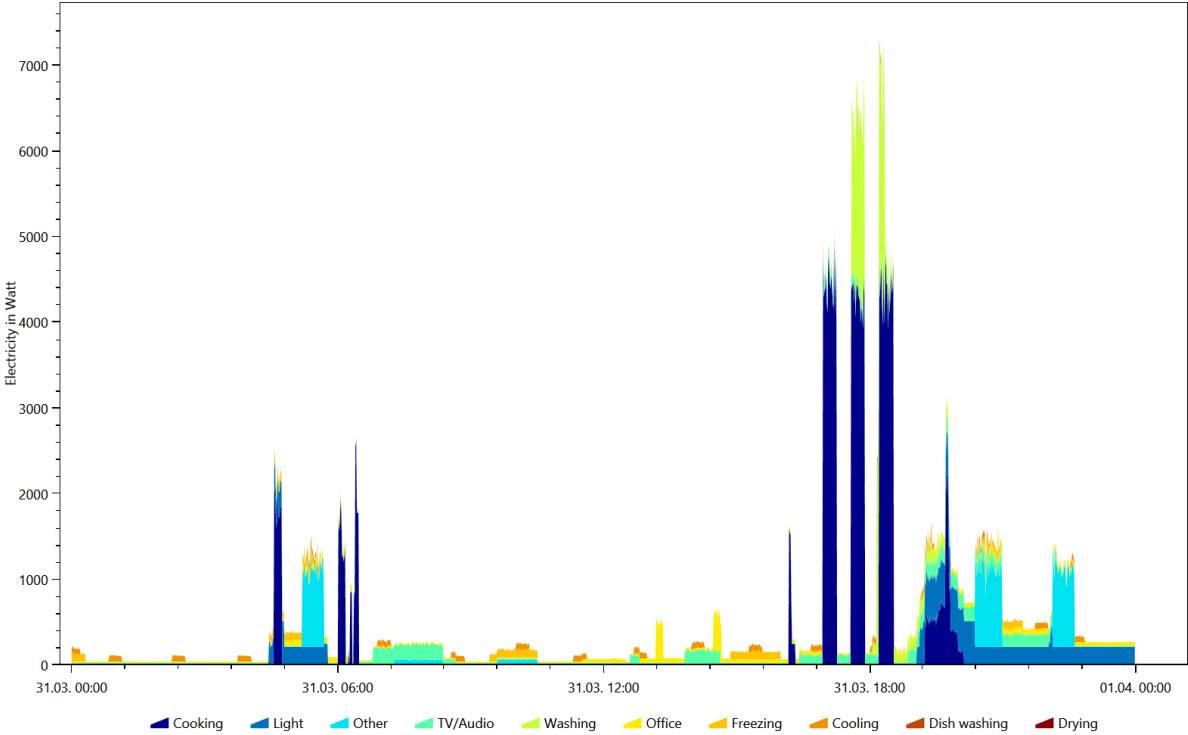




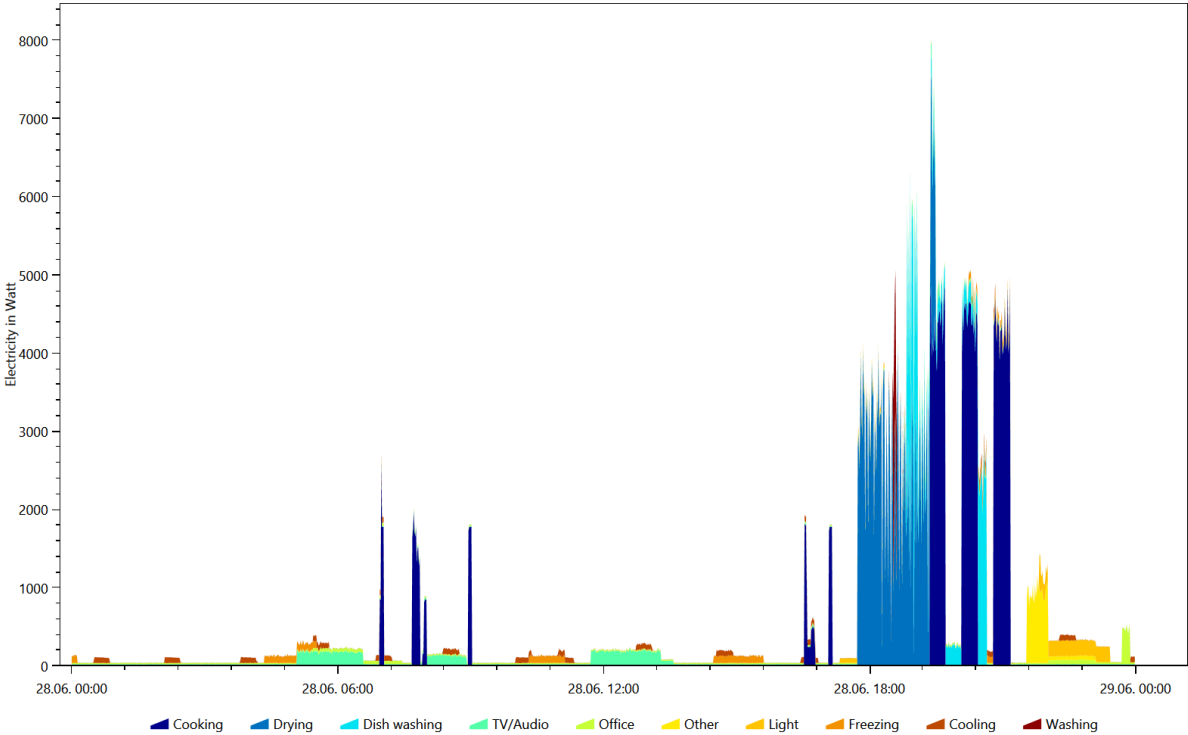
Electricity, Coloring Scheme: Energieagentur.NRW Tags, Date 2016.10.7



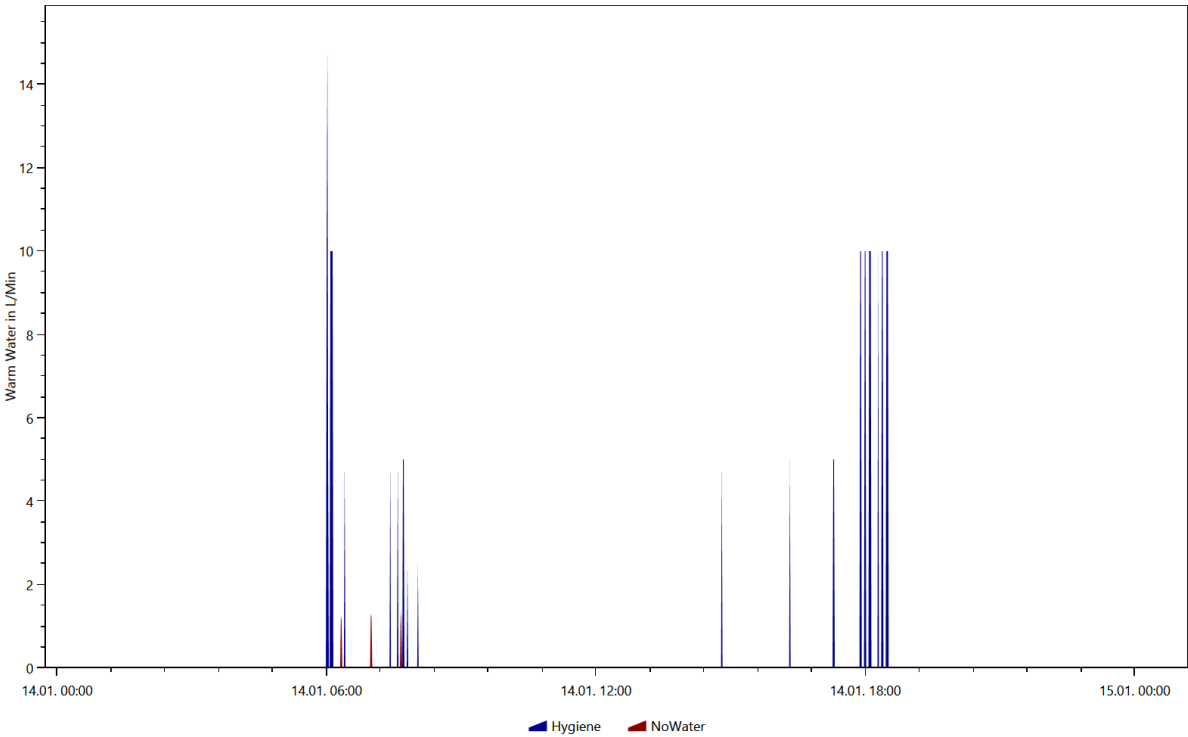
Electricity, Coloring Scheme: Energieagentur.NRW Tags, Date 2016.3.31



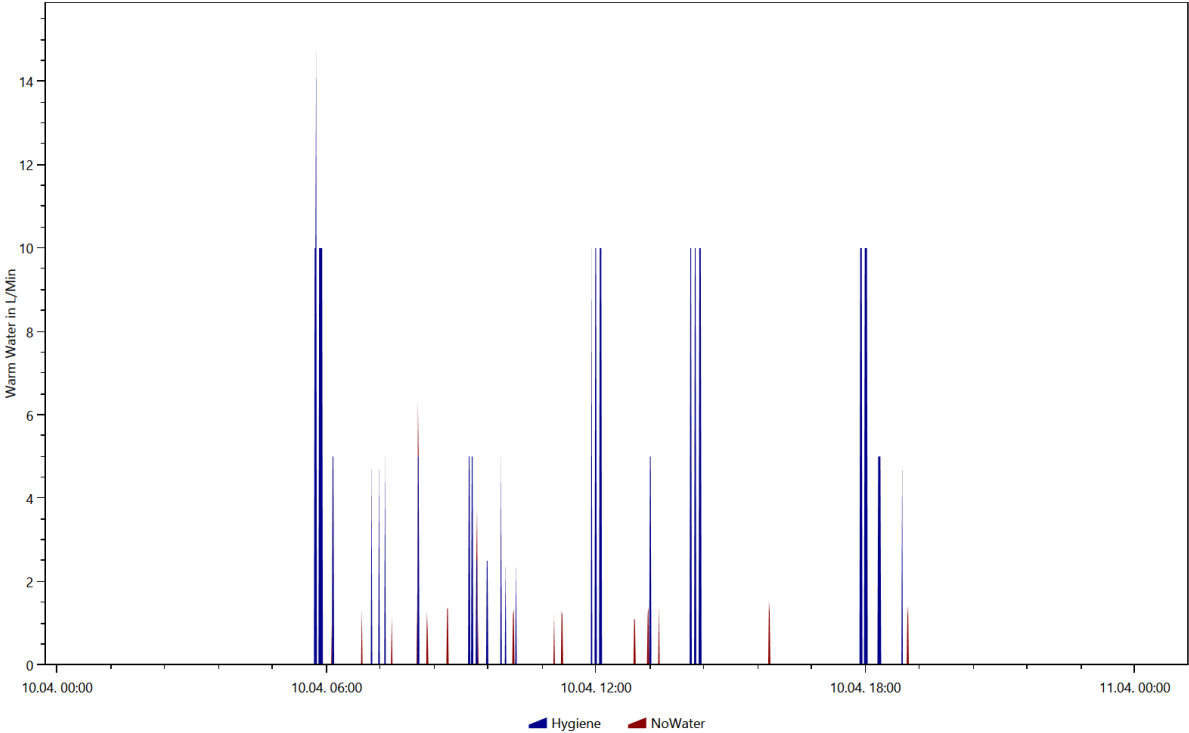
Electricity, Coloring Scheme: Energieagentur.NRW Tags, Date 2016.6.28



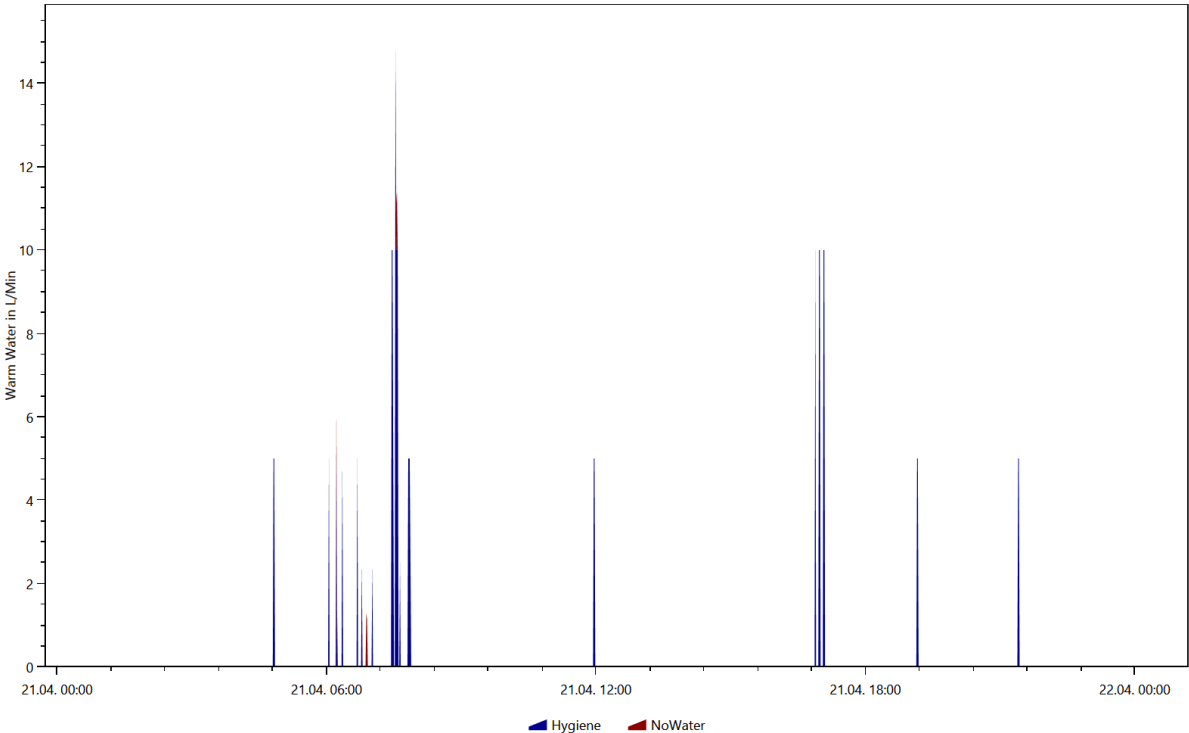
Warm Water, Coloring Scheme: Destatis Water Usage Statistics, Date 2016.1.14



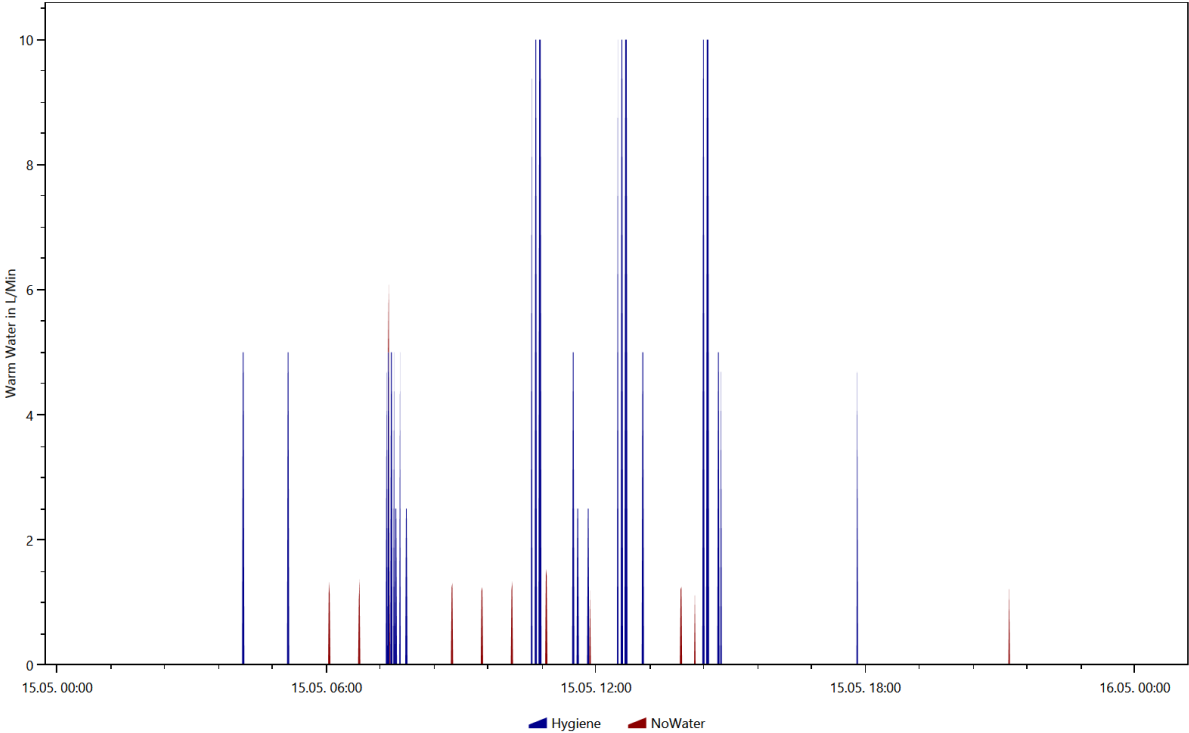
Warm Water, Coloring Scheme: Destatis Water Usage Statistics, Date 2016.4.10



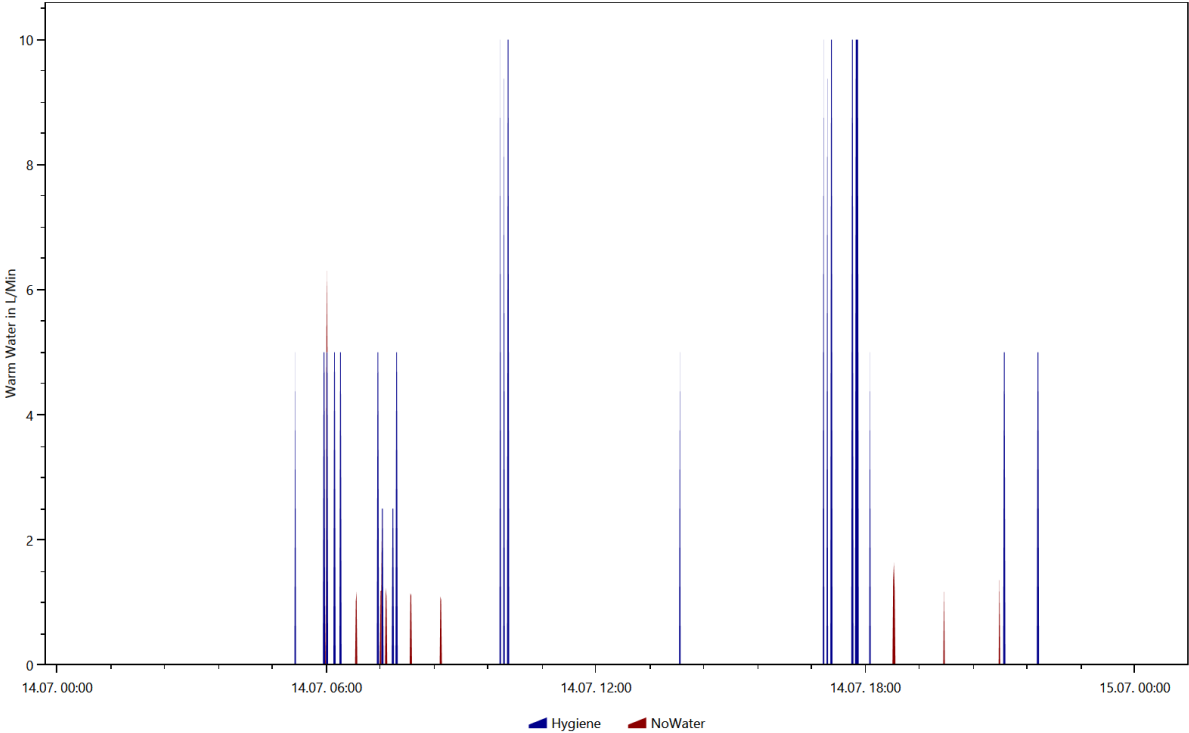
Warm Water, Coloring Scheme: Destatis Water Usage Statistics, Date 2016.4.21



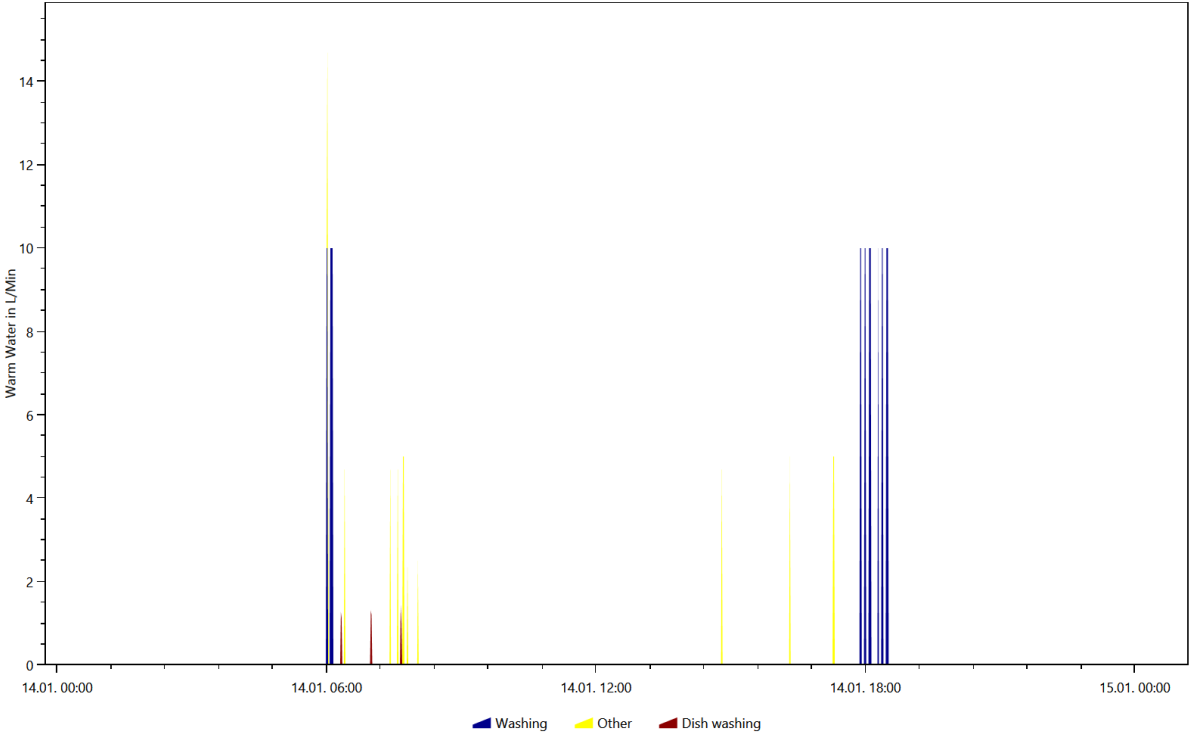
Warm Water, Coloring Scheme: Destatis Water Usage Statistics, Date 2016.5.15



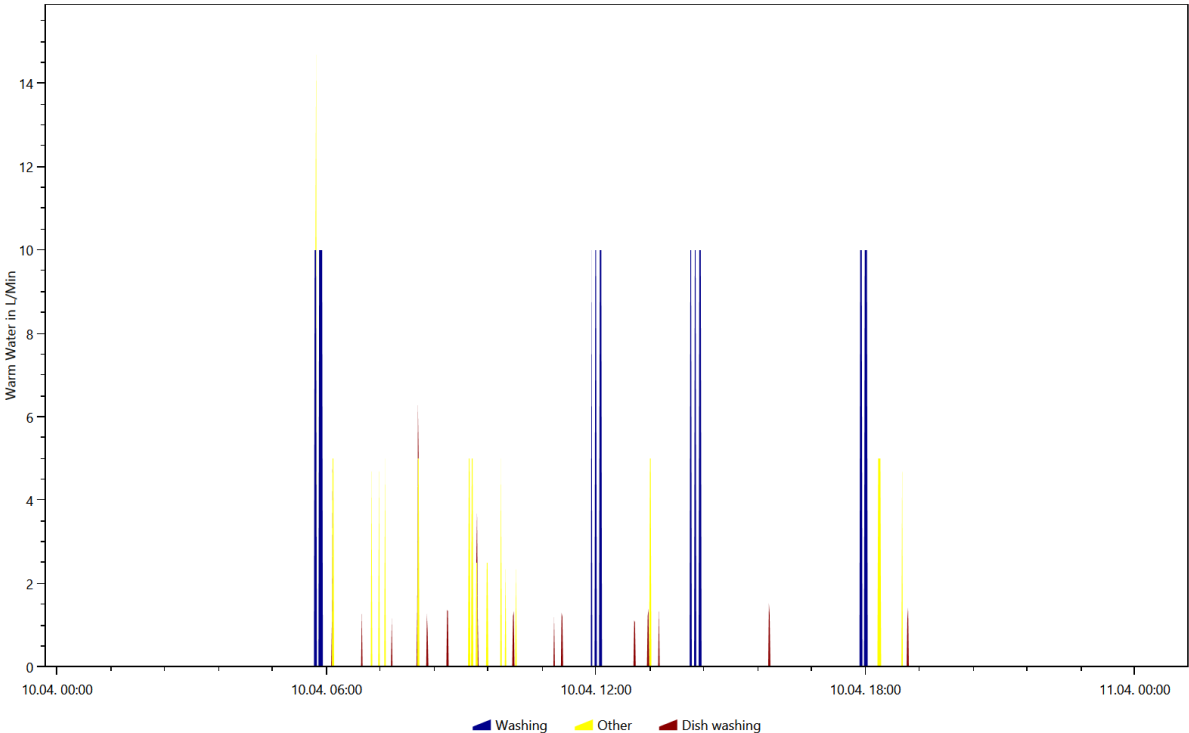
Warm Water, Coloring Scheme: Destatis Water Usage Statistics, Date 2016.7.14



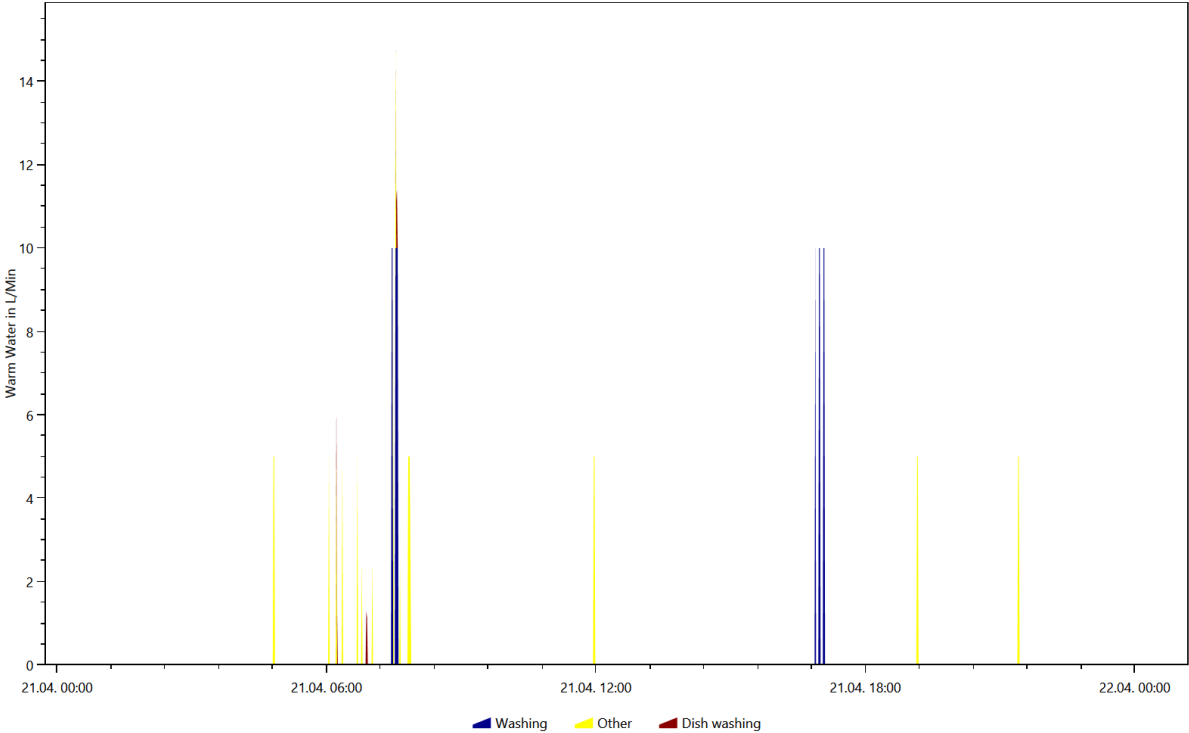
Warm Water, Coloring Scheme: Energieagentur.NRW Tags, Date 2016.1.14



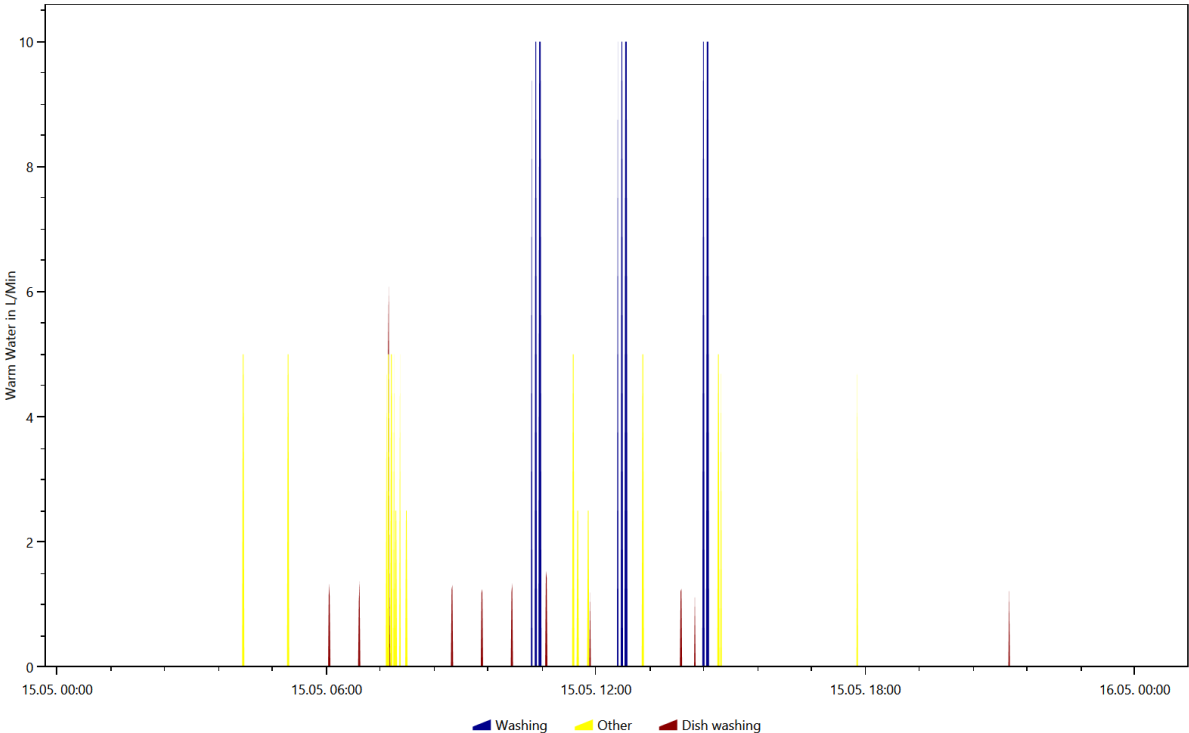
Warm Water, Coloring Scheme: Energieagentur.NRW Tags, Date 2016.4.10



Warm Water, Coloring Scheme: Energieagentur.NRW Tags, Date 2016.4.21



Warm Water, Coloring Scheme: Energieagentur.NRW Tags, Date 2016.5.15

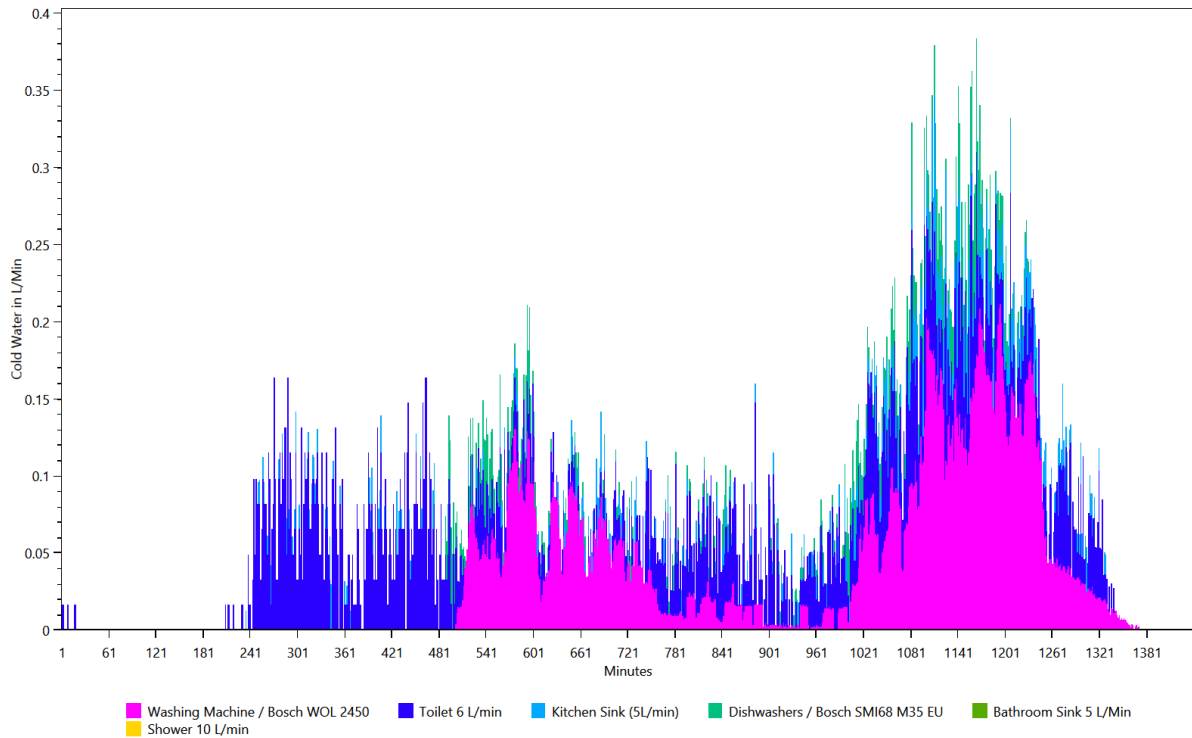


# Overview of the time and power of the use per load type per device

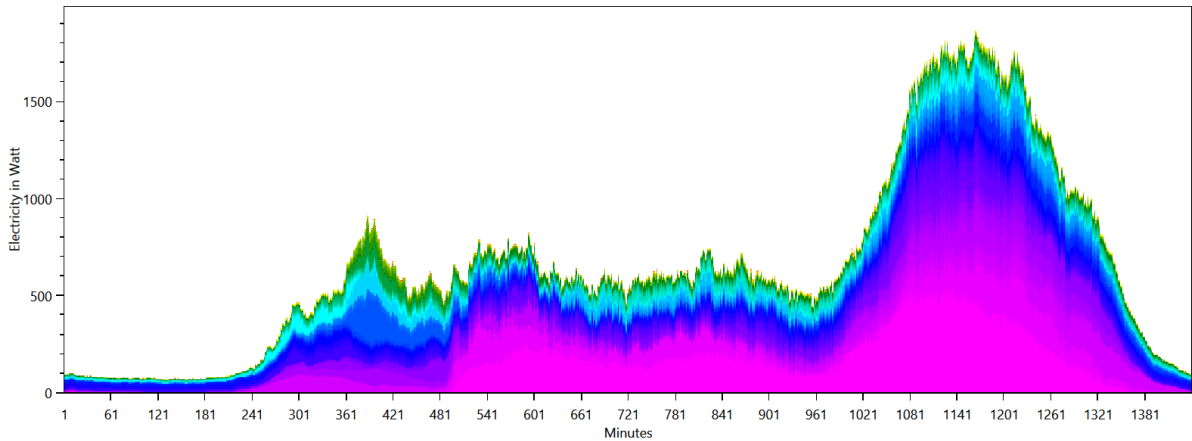
This is made from the files starting with: **TimeOfUseEnergyProfiles**

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

## Cold Water

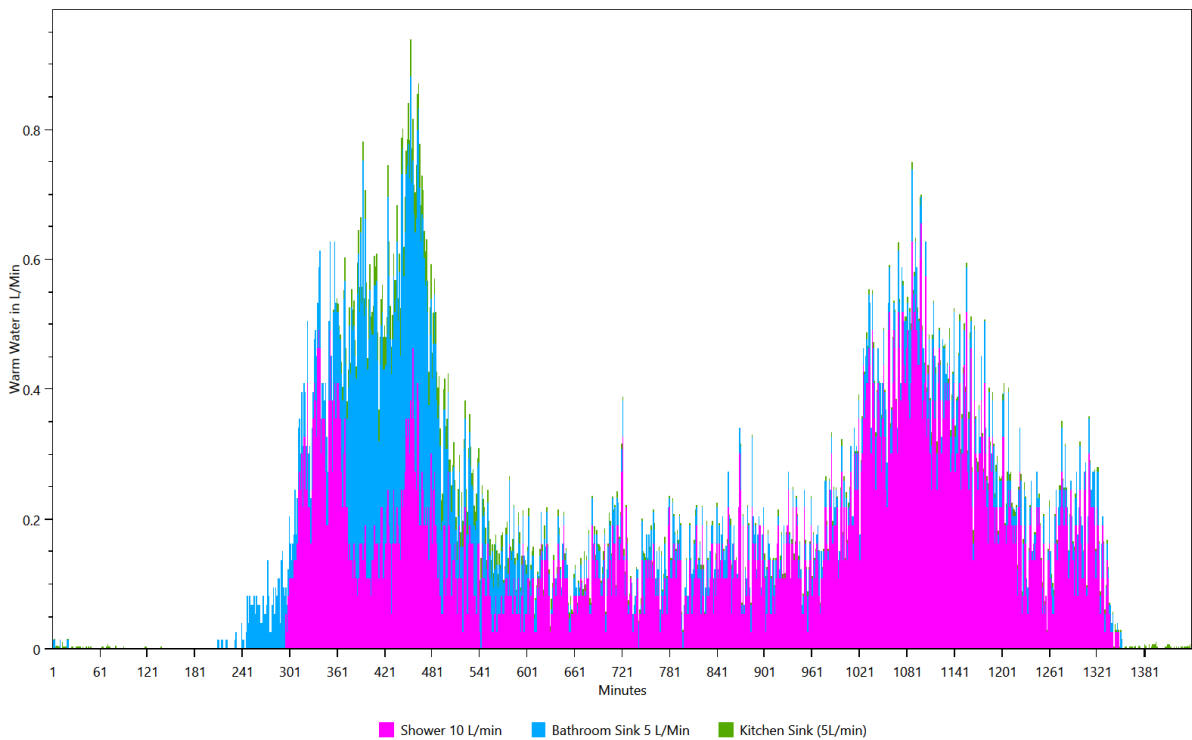


## Electricity



- Miele T 495 C
- Miele DG 1450
- Living Room Light (200W)
- Dishwashers / Bosch SMI68 M35 EU
- Kitchen Light (300W)
- Christopeit Treadmill TM 2 Pro
- Heater / Honeywell BH-888E
- Washing Machine / Bosch WOL 2450
- Hair Dryer / Braun Satin Pro 2200 Ion Care
- Microwave / Panasonic NN 5259
- TV Samsung LED UE40 B7090
- Liebherr Premium GNP 3666-20
- Steam Cooker / Phillips HD9140
- Privileg Energy Saver X-200/80 (A++)
- Fondue / Unold 48746 Asia
- TASKalfa 180
- Coffee Machine / Braun KF 580E
- Bathroom Light (200W)
- PC / Acer Aspire T310
- Kitchen Stove / Bauknecht Heko 750 PT Kitchen stove front right-semi aktiv
- Kitchen Stove / Bauknecht Heko 750 PT Kitchen-stove right hind
- Atika LH 2500 G
- Electric Kettle / Petra WK288 1.5L
- Router / AVM FRITZ! Box Fon WLAN 7390
- Kitchen Stove / Bauknecht Heko 750 PT Kitchen stove left hind - full power
- Single Stove Plate
- TV / Phillips Goya 9770 VT
- Lawn Mower / Sabo 32-EL
- Hifi System / Sharp XL-HF300PH
- Digitalpiano / Kawai CN-23
- PC Monitor / Fujitsu Siemens Scaleoview D19-1
- Deep Fryer / DeLonghi F 28311.W Rotofritteuse
- Miele DA 249-2
- Toaster Salco MT 400
- SAT Receiver / Kathrein UFS913
- Hedge Trimmer / Bosch AHS 550-24 ST
- CD/DVD Player / Phillips CD 380
- Children Room Light (100W)
- Moulinex electronic 833
- Bread Baking Machine Unold 6595
- Kitchen radio / AEG KRC 4323 CD
- Egg Cooker / Russell Hobbs 14048-56 Stylo
- Vacuum Cleaner Fif
- AEG NM 2701 Premium
- Bathroom Mirror Light 30W (CFL)
- Ricecooker / Tristar RK-6112
- Electric Razor Braun Cruzer 5
- Miele DA 61
- Osram Light Bulb Classic A 60W
- Bedroom Light (200W)
- External Harddrive Iomega 3.5"
- Epson Stylus Color 860
- Handmixer / Phillips Robust HR 1581
- Electric Kettle / Phillips Essential HD 4685/90 Schwarz
- Electric Toothbrush Dondodent Professional Clean
- Food Slicer / DOMO Schneidemaschine DOS21S
- Braun Multiquick 3 MR 300 Soup
- Nespresso Coffee Machine, Single Cup
- Canon CanoScan LIDE 110
- Bedroom Light (20W)

## Warm Water



- Shower 10 L/min
- Bathroom Sink 5 L/Min
- Kitchen Sink (5L/min)

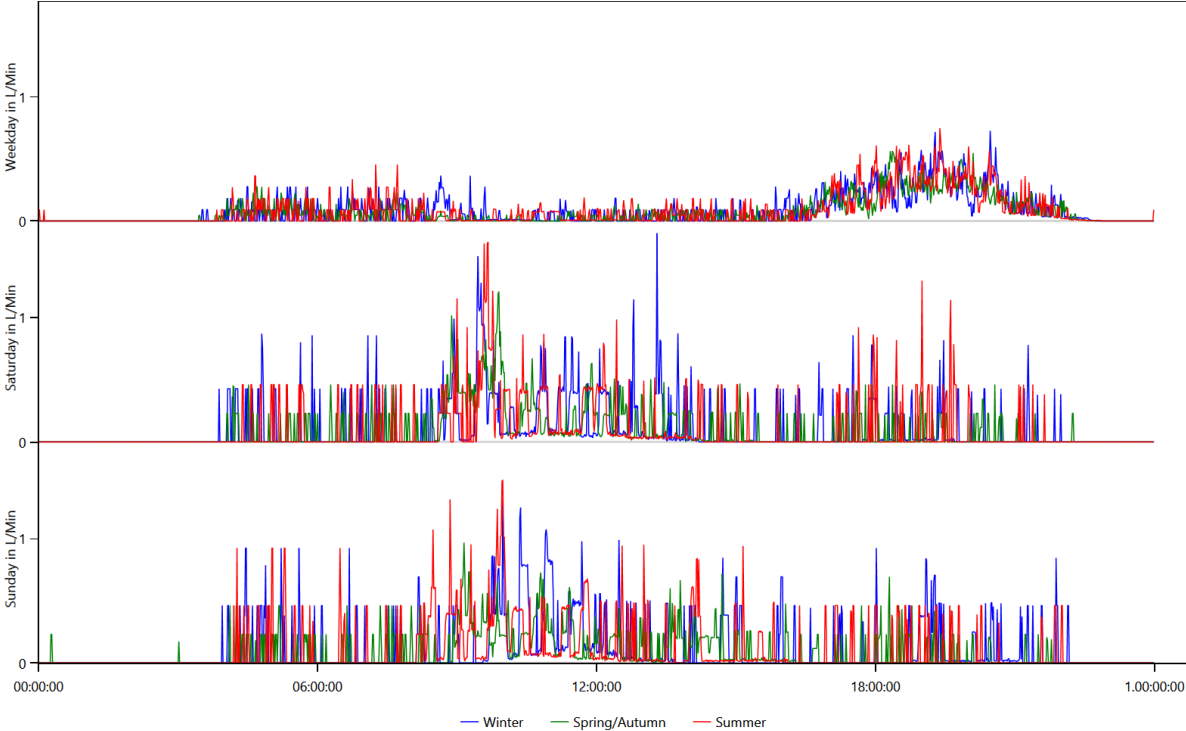


# Energy use per load type during different seasons, split by weekday/saturday/sunday

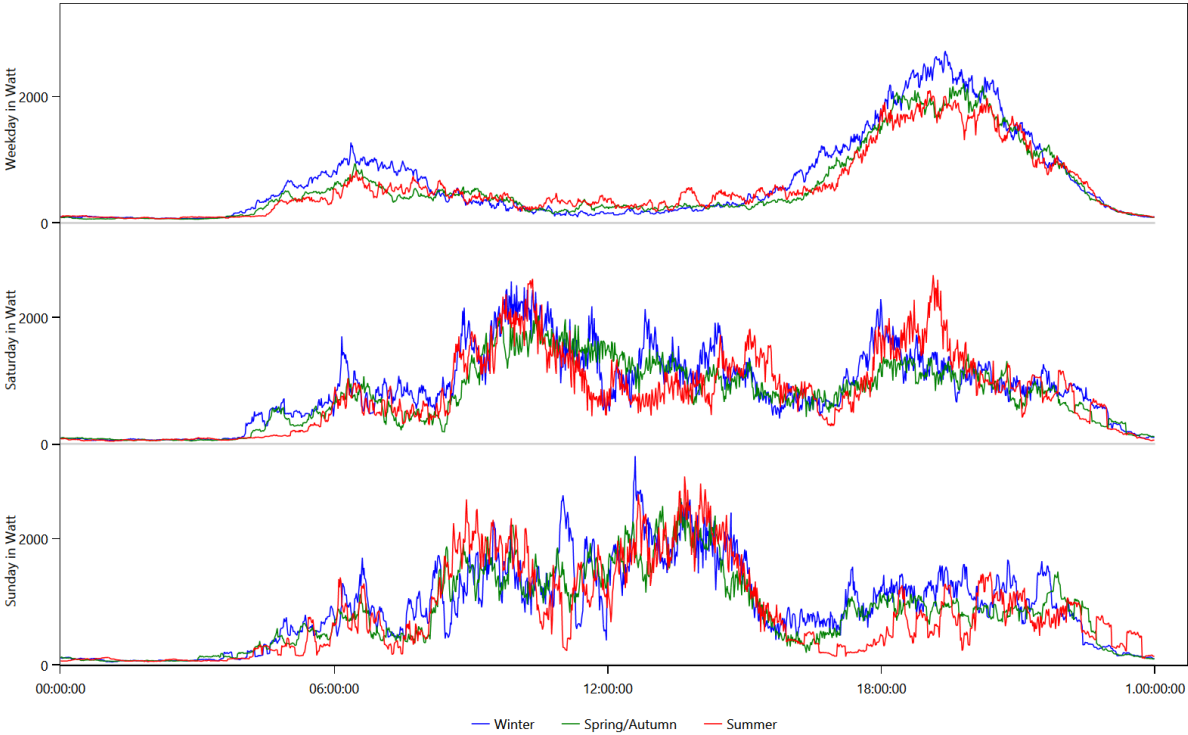
This is made from the files starting with: WeekdayProfiles

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

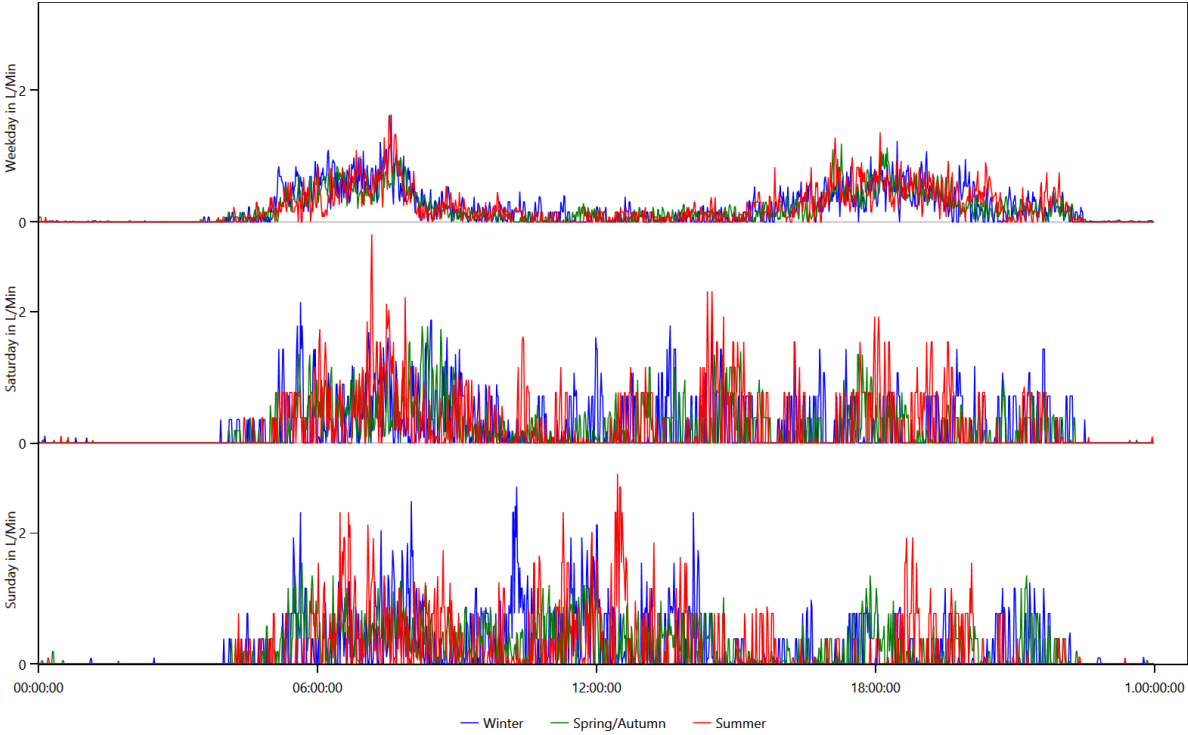
## Cold Water



# Electricity



# Warm Water

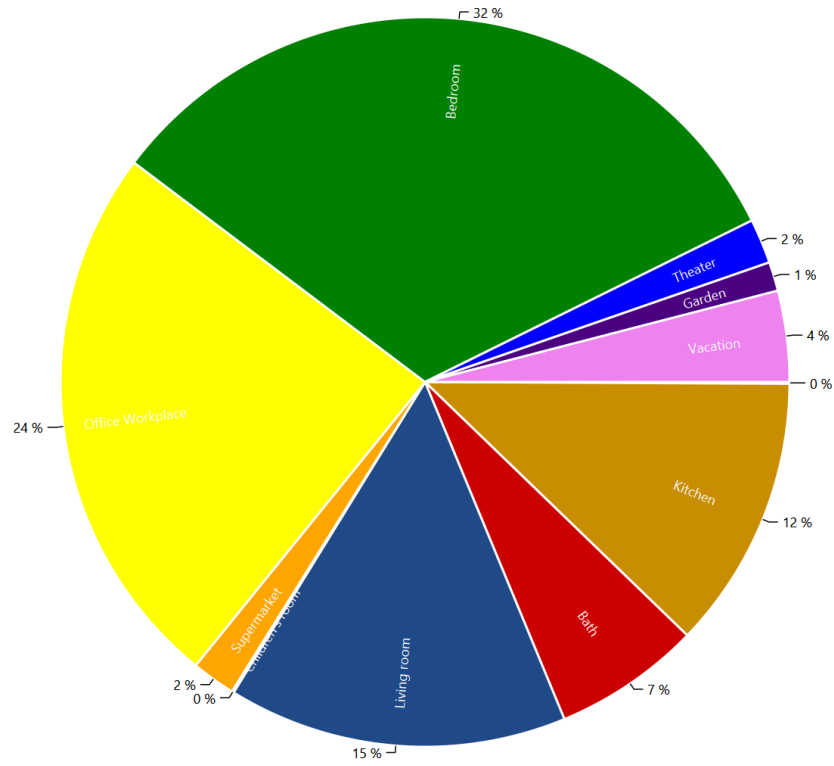


# Location Distribution per Person

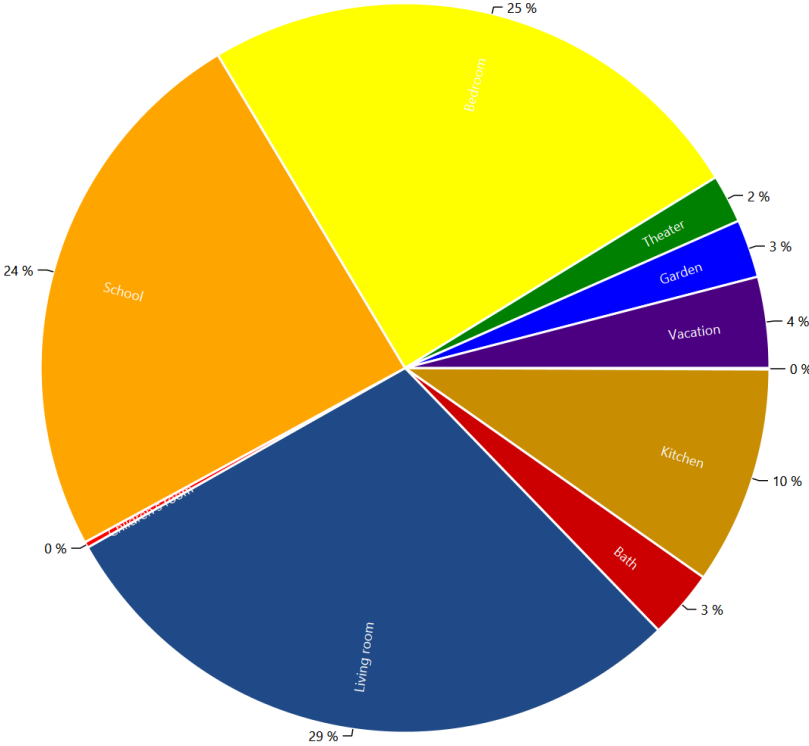
This is made from the files starting with: LocationStatistics

These charts show where the persons spend their time.

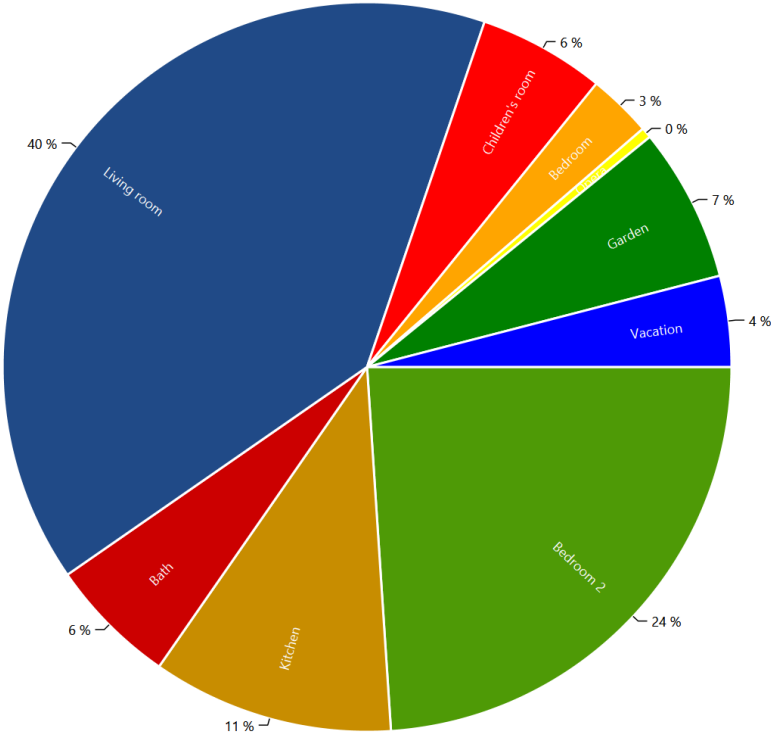
CHR14 Hanna (45 Female)



CHR14 Michael (46 Male)



CHR14 Wilma (80 Female)



# 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

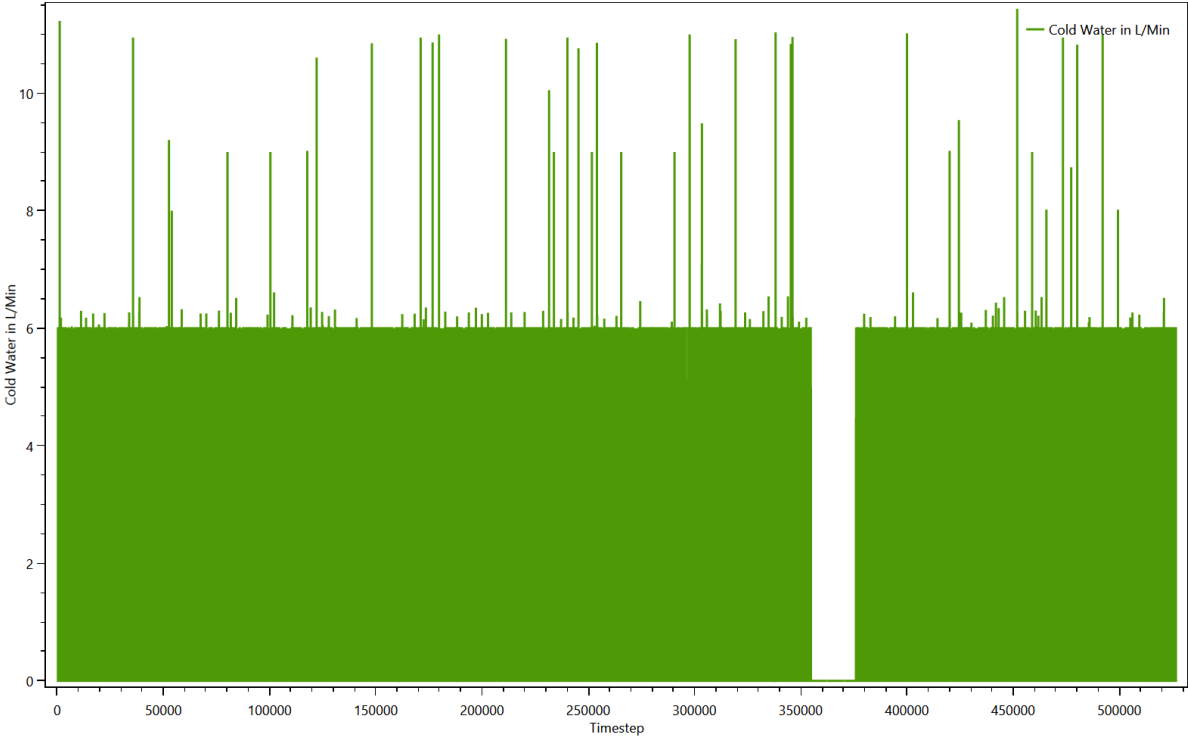
```
Time step;Calendertime;Person;Selected affordance;Affordance Category;Is Sick
0;01.01.2016 00:00;CHR14 Hanna (45/Female);sleep bed 02 (08 h);sleep;False;
0;01.01.2016 00:00;CHR14 Michael (46/Male);sleep bed 01 (06 h);sleep;False;
0;01.01.2016 00:00;CHR14 Wilma (80/Female);sleep bed 08 (06 h);sleep;True;
324;01.01.2016 05:24;CHR14 Wilma (80/Female);make and drink tea (15 min);cooking;True;
332;01.01.2016 05:32;CHR14 Michael (46/Male);go to the toilet;hygiene;False;
337;01.01.2016 05:37;CHR14 Michael (46/Male);play a puzzle game;Offline Entertainment;False;
340;01.01.2016 05:40;CHR14 Wilma (80/Female);watch the news;Passive Entertainment (TV etc.);True;
354;01.01.2016 05:54;CHR14 Wilma (80/Female);read a newspaper for 30min;Offline Entertainment;True;
381;01.01.2016 06:21;CHR14 Wilma (80/Female);eat small breakfast (25min) interrupting subaff, no
alarm;cooking;True;
398;01.01.2016 06:38;CHR14 Michael (46/Male);get ready in the morning (men);hygiene;False;
406;01.01.2016 06:46;CHR14 Hanna (45/Female);get ready in the morning (women);hygiene;False;
408;01.01.2016 06:48;CHR14 Michael (46/Male);eat breakfast (1 h);cooking;False;
411;01.01.2016 06:51;CHR14 Wilma (80/Female);take a shower without hair washing (women);hygiene;True;
427;01.01.2016 07:07;CHR14 Hanna (45/Female);go to the toilet;hygiene;False;
433;01.01.2016 07:13;CHR14 Hanna (45/Female);go shopping for food in the supermarket (1.5
h);shopping;False;
470;01.01.2016 07:50;CHR14 Michael (46/Male);take a shower (men);hygiene;False;
471;01.01.2016 07:51;CHR14 Wilma (80/Female);go to the toilet;hygiene;True;
477;01.01.2016 07:57;CHR14 Wilma (80/Female);get ready in the morning (women);hygiene;True;
491;01.01.2016 08:11;CHR14 Michael (46/Male);work as teacher ;work;False;
```

# Sum Profiles

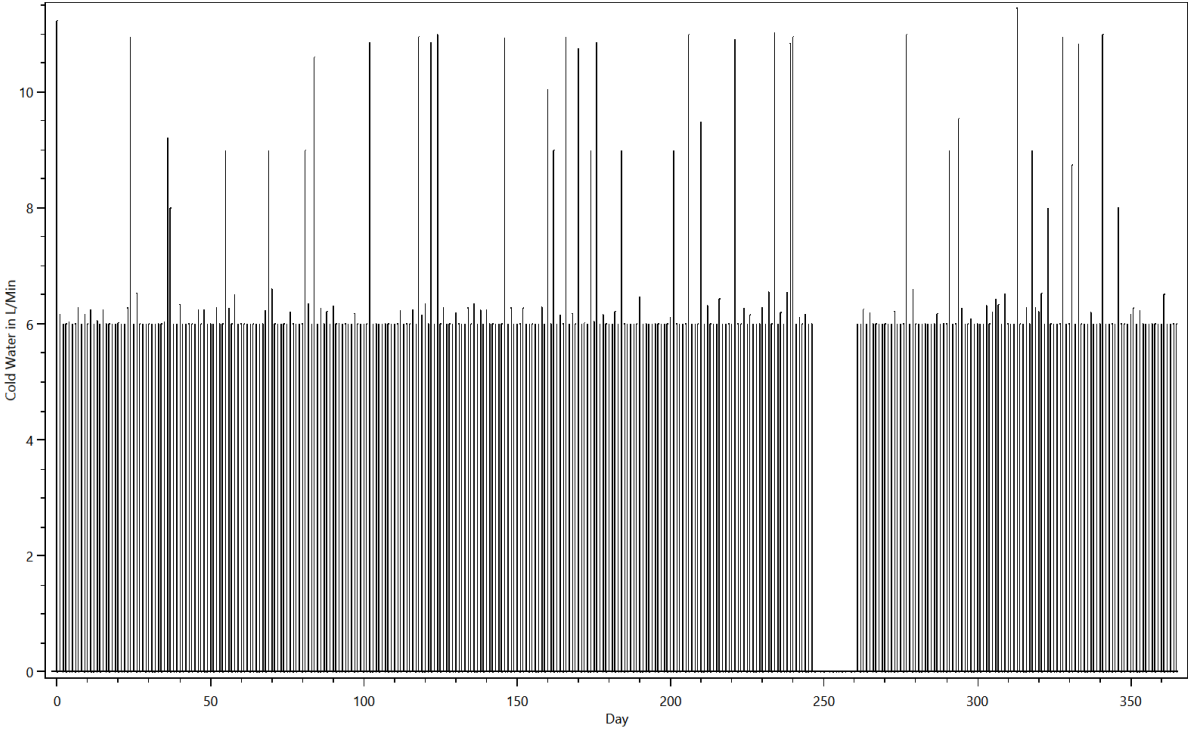
This is made from the files starting with: SumProfiles

This shows the energy use during the simulation.

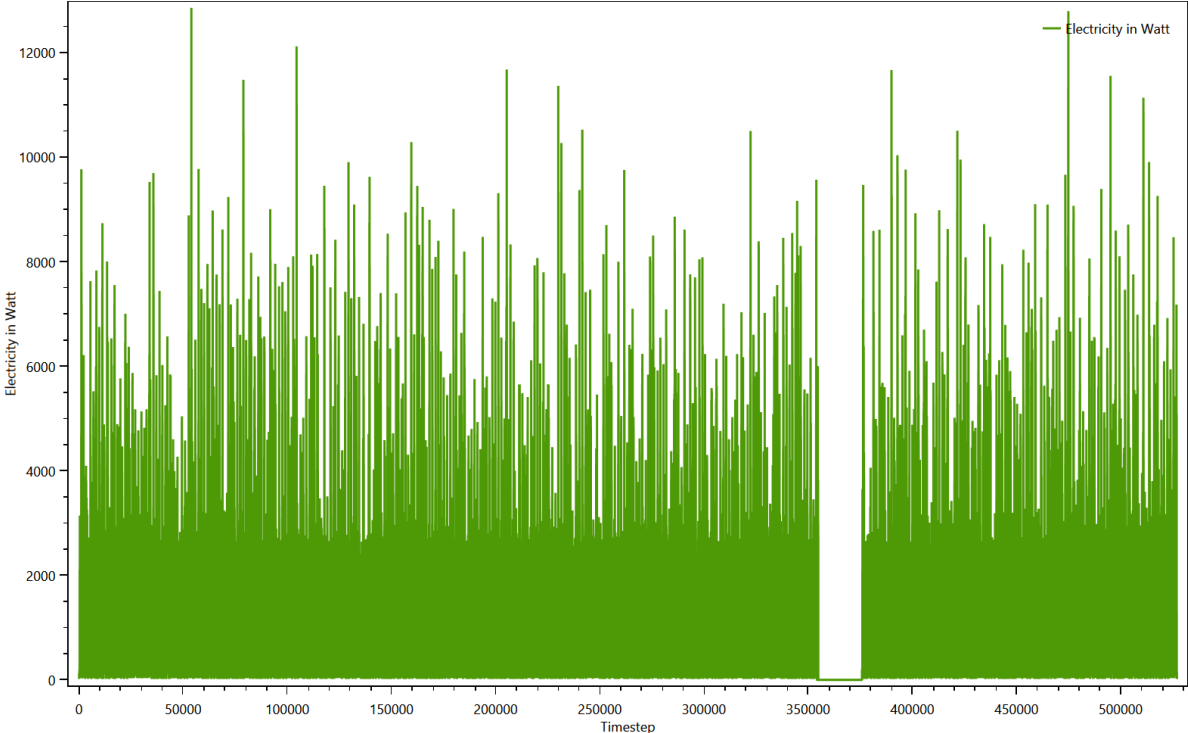
Summed up curve for Cold Water from SumProfiles.Cold Water.png



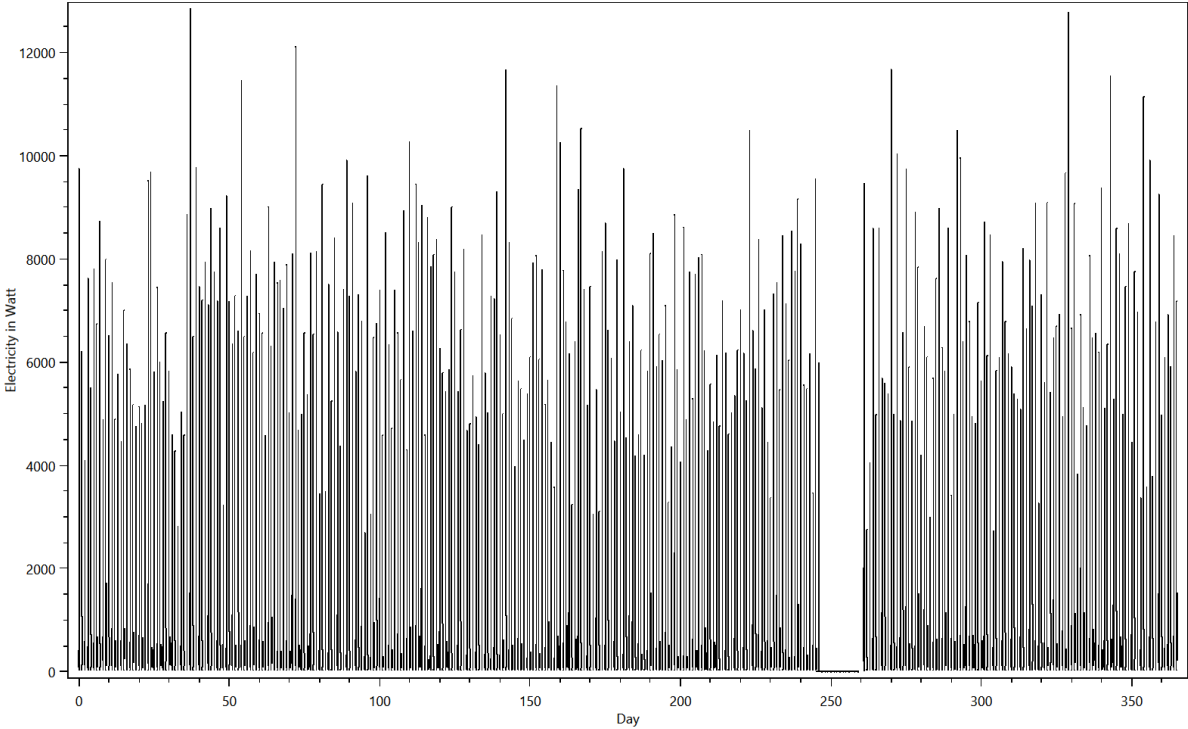
Summed up curve for Cold WaterMinMax from SumProfiles.Cold WaterMinMax..png



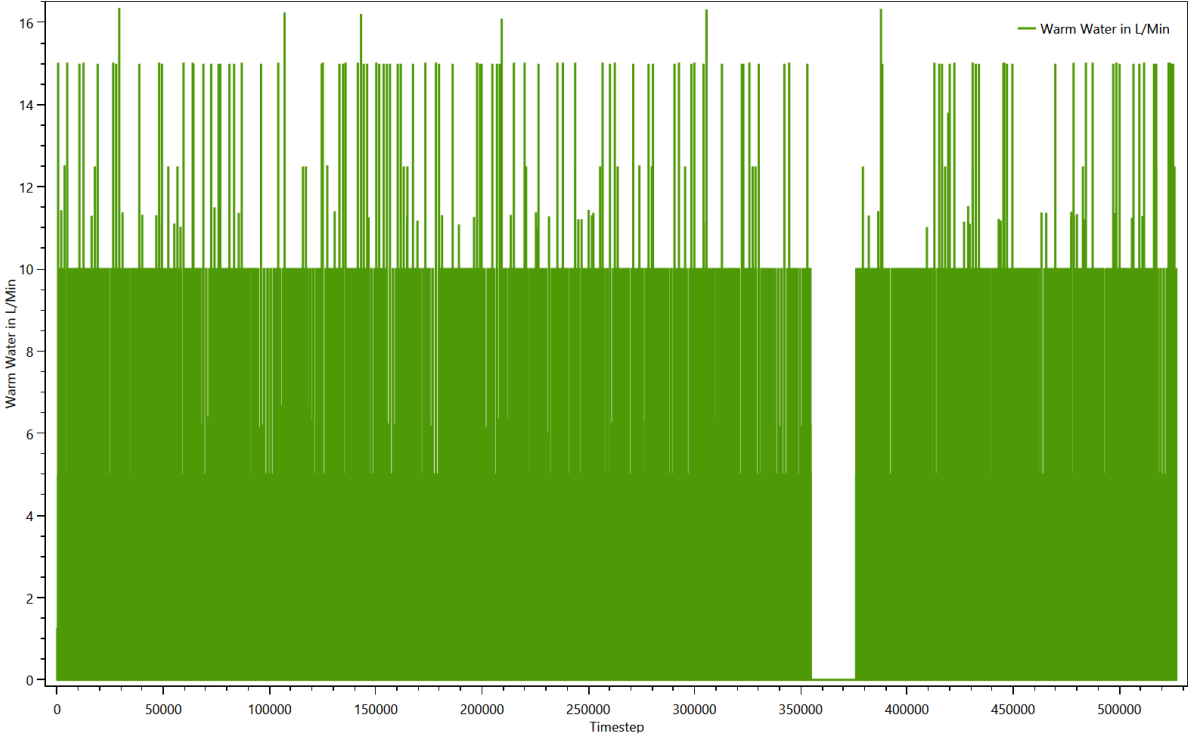
Summed up curve for Electricity from SumProfiles.Electricity.png



Summed up curve for ElectricityMinMax from SumProfiles.ElectricityMinMax.png

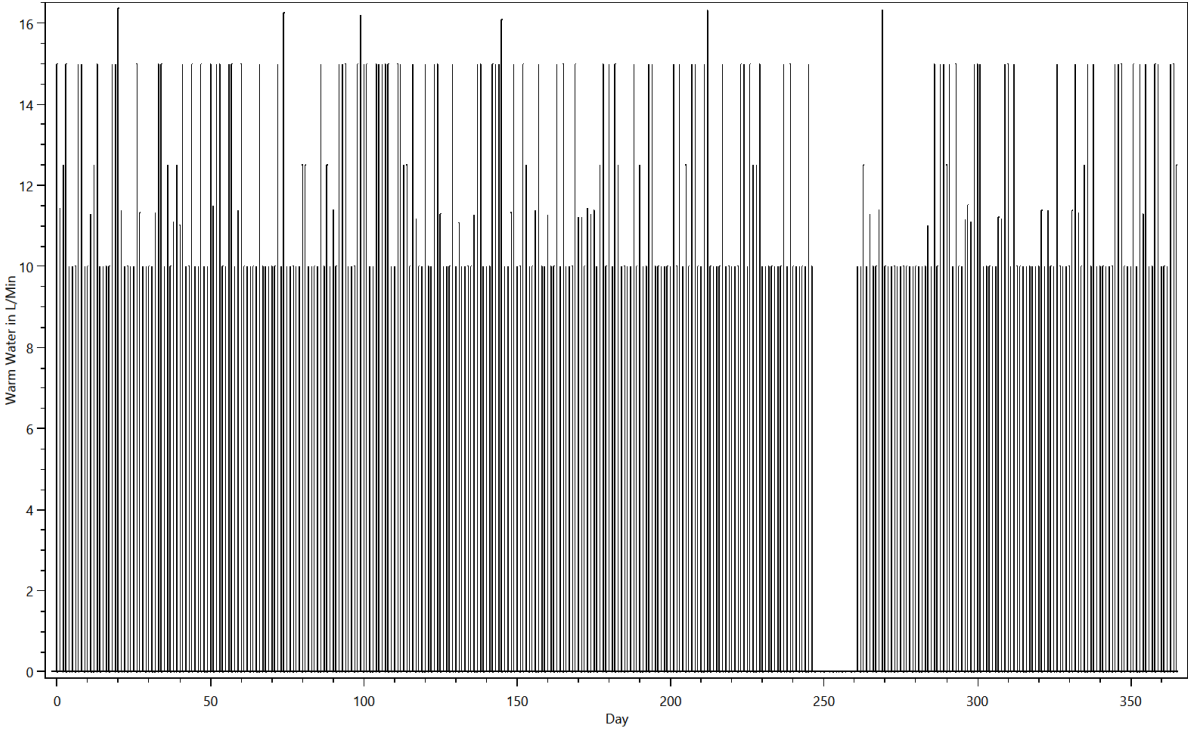


Summed up curve for Warm Water from SumProfiles.Warm Water.png





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.CHR14 3+ adults Couple, 30- 64 years, both at work + Senior at home 0.txt

Device;Load Type;Profile;Number of Activations

AEG NM 2701 Premium;Electricity;01 h 0 min 100% [Synthetic];180

Atika LH 2500 G;Electricity;0 h 15 min 100% [Synthetic];118

Bathroom Light (200W);Electricity;Bath - light [Synthetic for Light Device];1411

Bathroom Mirror Light 30W (CFL);Electricity;Bath - light [Synthetic for Light Device];1411

Bathroom Sink 5 L/Min;Warm Water;0 h 01 min 100% [Synthetic];3954

Bathroom Sink 5 L/Min;Warm Water;0 h 01 min 50% [Synthetic];1160

Bed 1;None;06 h 0 min 100% [Synthetic];353

Bed 2;None;08 h 0 min 100% [Synthetic];352

Bed 8;None;06 h 0 min 100% [Synthetic];353

Bedroom Light (200W);Electricity;Bedroom - light [Synthetic for Light Device];22

Book;None;01 h 0 min 100% [Synthetic];7

Braun Multiquick 3 MR 300 Soup;Electricity;0 h 01 min 100% [Synthetic];67

Bread Baking Machine Unold 6595;Electricity;Profile for Bread Baking Machine Unold 6595 Electricity [Measured 1 min Resolution (TUC)];88

CD/DVD Player / Phillips CD 380;Electricity;01 h 30 min 100% [Synthetic];249

CD/DVD Player / Phillips CD 380;Electricity;02 h 0 min 100% [Synthetic];227

CD/DVD Player / Phillips CD 380;Electricity;Standby TV / Receiver 1 h 0 min 3% [Synthetic];8426

Canon CanoScan LIDE 110;Electricity;0 h 10 min 100% [Synthetic];432

Children Room Light (100W);Electricity;Children's room - light [Synthetic for Light Device];243

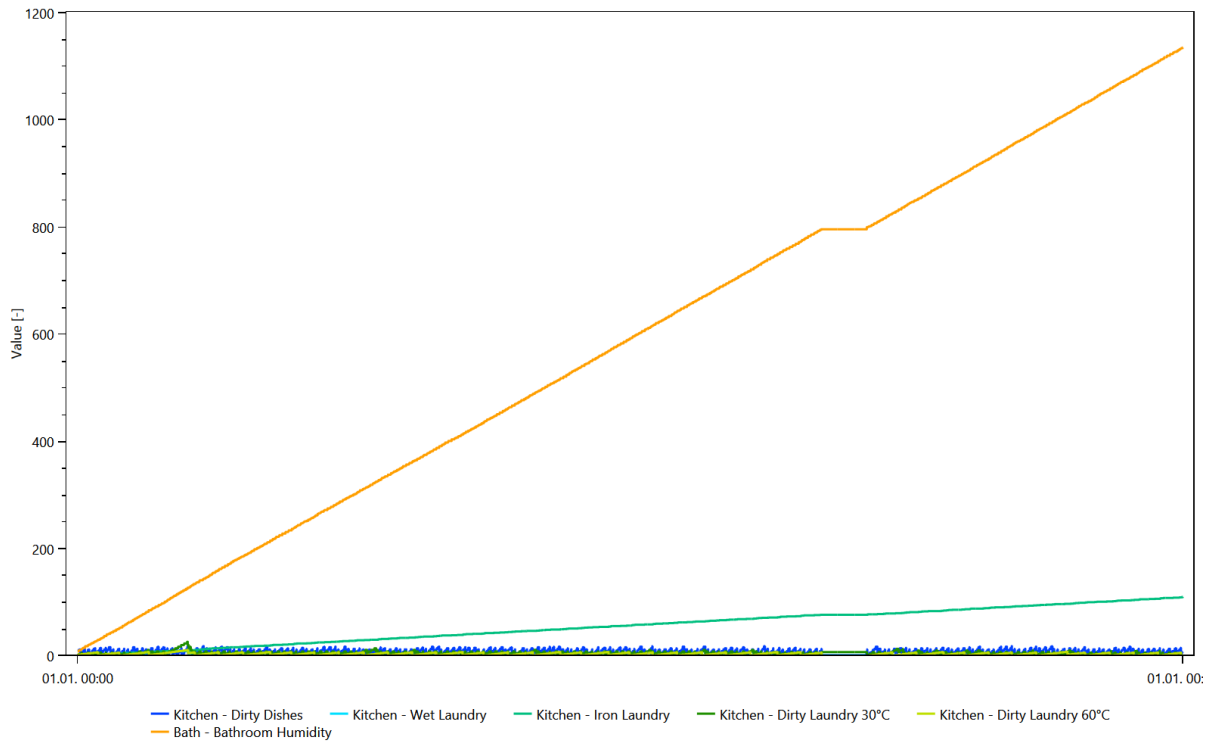
Christopeit Treadmill TM 2 Pro;Electricity;0 h 30 min 100% [Synthetic];490

# 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

