



Specialist Group
on Statistics and
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ASOCIAȚIA ROMÂNĂ A APEI
Romanian Water Association

Regional Economic Workshop

Water tariffs and affordability

Social Vs other tariffs in Greece

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Greece

- **131,957 km²**
- **11 Million population**
(2015 estimate)
- GDP PPP **\$26,606**
- Nominal GDPc \$18,035

Romania

- **238,391 km²**
- **19.5 Million population**
(2015 estimate)
- GDP PPP **\$21,545**
- Nominal GDPc \$10,249

In Greece, there are three water utility management patterns

- a) Semi privatized utilities entered to the Greek stock market, **2**
- b) Enterprises affiliated with the municipality, called Municipal Enterprise for Water Supply and Sewerage (MEWWS)* **127**
- c) Municipal services.

As a principle, the tariffs apply to water metered consumption with a VAT of 13%. On top of that there are other tariffs, major one is wastewater surcharge of around 80% of the tariffs applied to water. Wastewater has a VAT of 23%.

There are two semi-privatized water utilities covering the largest cities and their surrounding towns. The largest water utility called company for the water supply and sewerage for the Capital (abbreviated in Greek as **EYDAP**) serves about **5M** inhabitants. The second largest is the Enterprise for water supply and sewerage of Thessaloniki (abbreviated in Greek as **EYATH**) serves about **1M** inhabitants. These are listed in the stock exchange, consequently standard obligations to conform with international standards.

All other water utilities are autonomous, and affiliated to a municipality. They are coordinated by the Union for Municipal Enterprises for water supply and sewerage abbreviated in Greek as EDEYA (<http://www.edeya.gr/2013-09-24-09-35-41/katalogos-deya>). The participation of the MEWSS is not obligatory, however all but a few small are not registered with this Union. In small municipalities, that cannot afford to support financially and operationally a MEWSS manage the water supply and sewerage in a department within the municipality. Major projects for those small municipalities are managed by the public regional technical services, which supervise the tenders and the construction of projects.

Table 2. Descriptive statistics of the WU in Greece according to the number of water metering units (MSc Thesis, Menexidou, 2015).

Statistics	Value
Mean	43768
Std. Deviation	187636
Minimum	700
5% Percentile	3000
25% Percentile	9850
Median	19000
75% Percentile	32750
95% Percentile	92000
Maximum	2030000
Sum	5120950

Tariffs for Athens (5.000.000 p)

Block tariffs are €/m³ (for water)

Quarterly consumption	2016 standard tariffs
Fixed	3€
0-5 m ³	0.35
5-20 m ³	0.64
20-27 m ³	1.83
27-35 m ³	2.56
>35 m ³	3.20

Social tariffs for EYDAP (1.000.000 p)

Single parent with 3 children *10% discount*

5 or 6 member families *10% discount*

7 or 8 member families *35% discount*

9 to 13 member families *60% discount*

Elder people *30 % discount if*

a. Live alone (eg. not with other family members)

b. Receive no more than 8.000€ per year

c. The total annual bill is less than 150€

Tariffs for Thessaloniki

Block tariffs are €/m³ (for water)

Quarterly consumption	2016 standard tariffs	Families with 4 or more children	Disabled (more than 80%)	Social tariff
Fixed	10€	10€	10€	10€
0-10 m ³	0.46	0.23	0.23	0
11-30 m ³	0.63	0.315	0.315	0
31-60 m ³	0.72	0.36	0.36	0.36
61-80 m ³	1.16	0.58	0.58	0.58
81-120 m ³	1.16	0.58	0.58	1.16
121-180 m ³	2.39	1.195	1.195	2.39
>180 m ³	4.03	2.015	2.015	4.03

Social tariffs for EYATH

Families with 4 or more children *50% discount*

Disabled (more than 80%) *50% discount*

Social tariff *0-30m³: 0€, 31-80 m³: 50% discount, >81m³: no discount*

- Single persons with less than 8.000€ income per year
- Married couples without children with less than 8.000€ income per year
- Married couples without children with less than 8.000€ income per year
- Families with 1 child with less than 11.000€ income per year
- Families with 2 children with less than 14.000€ income per year
- Families with 3 children with less than 17.000€ income per year

Tariffs for Patra city (200.000 p)

Only for the city, not for surrounding villages, applies for water
Block tariffs are €/m³

Quarterly consumption	2016 standard tariffs
Fixed	23.6€
0-20 m ³	0.09
21-40 m ³	0.30
41-67 m ³	0.40
68-93 m ³	0.55
94-133 m ³	0.98
134-267 m ³	1.40
268-933 m ³	1.96
934-2667 m ³	2.38
>2668 m ³	3.08

Social tariffs for Patra

Single parent families, 3 or more children (less than 18) 40% discount to the variable cost If family income is less than $[25.000\text{€} + 3000\text{€} \times (\# \text{children})]$

Disabled people or families with disabled member of more than 67% disability 60% discount to the variable cost If family income is less than $[20.000\text{€} + 5000\text{€} \times (\# \text{disabled persons})]$

Jobless 50% discount to the variable cost If

-Without job for more than a year

-Own one only house of less than 100 m²

-Family annual income is less than 6000€

Tariffs for Alexandroupolis

Only for the city, not for surrounding villages, applies for water consumption
Block tariffs are €/m³

Quarterly consumption	2016 standard tariffs
Fixed	20€
1-40 m ³	1.01
41-80 m ³	1.02
>81m ³	1.40

Social tariffs for Alexandroupolis town (50.000 p)

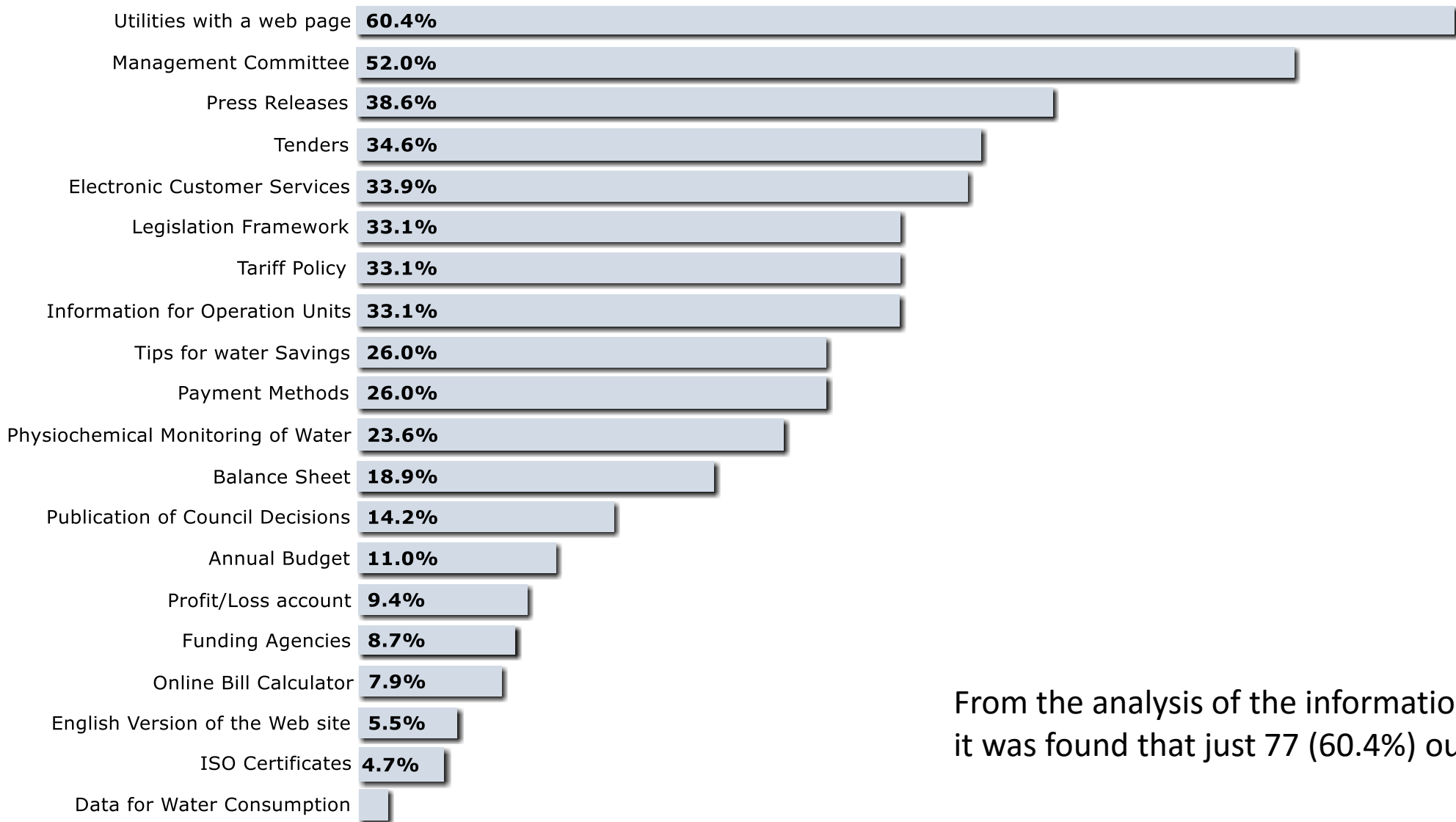
Single parent families *50% discount to the bill If family income is up to 18.000€*

3 or more children (less than 18) *50% discount to the bill If family income is up to 35.000€*

Disabled people or families with disabled member of more than 80% *50% discount to the bill if family income is up to 35.000€*

<http://www.deyaalex.gr/oikonomika-menou/koinwnika-timologia-menou.html>

<http://www.deyaalex.gr/oikonomika-menou/timologia-telh-menou.html>



From the analysis of the information presented in the websites, it was found that just 77 (60.4%) out of the 127 surveyed

Percentage of water utilities with this information in their web site (data from Menexidou MSc Thesis, 2015,, *The technologies of Environmental Legislation, Democritus University of Thrace*)