

Water Price Monitoring

Somalia, May 2018

Somalia Drought Crisis

BACKGROUND

The Water Price Monitoring assessment aims to establish a data collection, monitoring and reporting system on water market prices in order to allow humanitarian and development actors to better analyse humanitarian needs in areas particularly affected by drought.

May data collection was conducted through a quantitative survey entailing phone calls to water point administrators between 28 May - 11 June in 12 districts. Within these districts, target areas were identified based on availability of partners and accessibility. Only those water points that charge for water in these target areas were assessed.

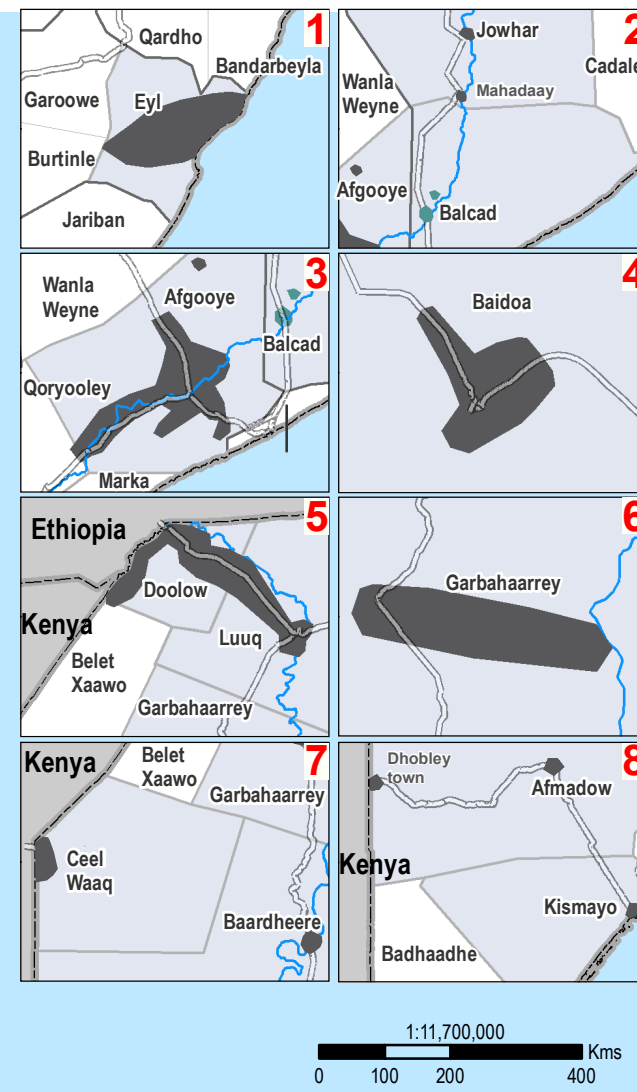
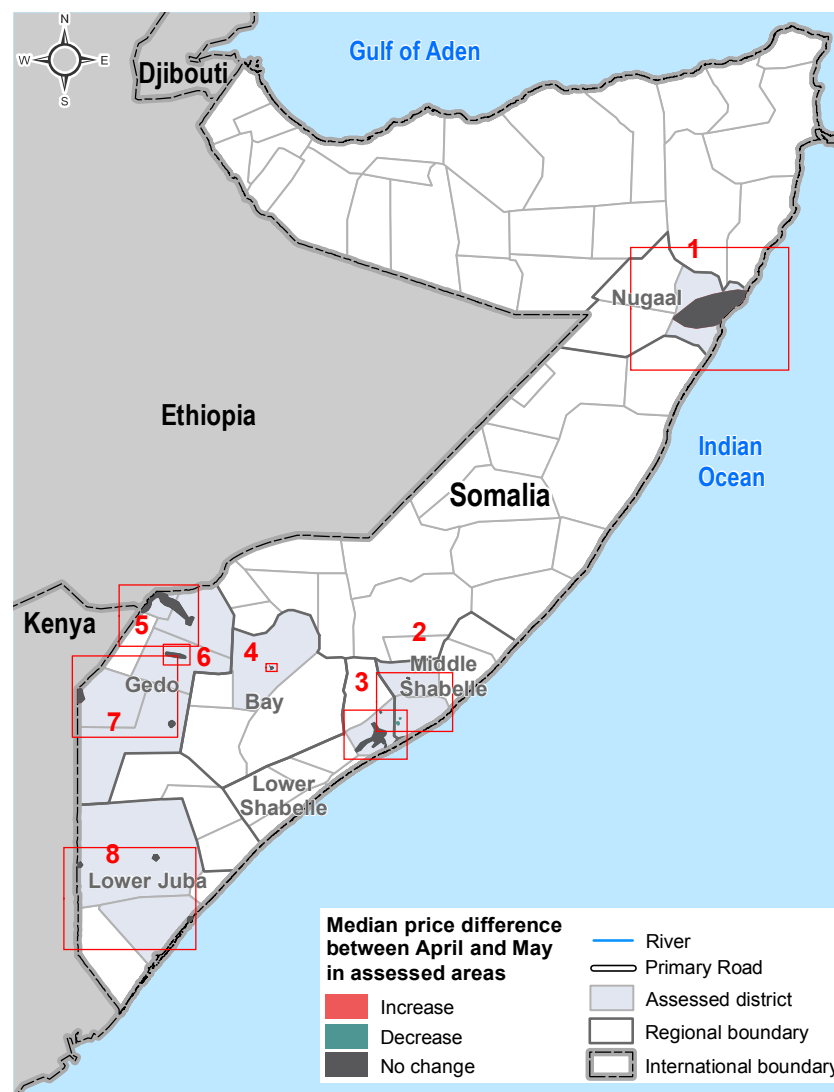
All prices are shown in United States Dollar (USD) cents for 90L of water. This is the daily amount used by a household of six members, consuming the minimum SPHERE standard of 15L water per person per day. Price changes are subject to exchange rate.

Due to limited coverage at the district level, findings should be considered indicative.

KEY FINDINGS

- Median water prices did not change from April to May in all but Balcad District.
- In Balcad District, the median water price decreased by 49%, from 39 to 20 USD cents. This was mainly attributed to an increase in water supply due to ongoing rains.
- Seventy-six percent (76%) of assessed water points in Eyl, 44% in Baidoa and 20% in Afgooeye do not have their water treated at the distribution point.
- In Eyl District, 85% of those water points that reportedly do not have their water treated at the distribution point are categorised as unimproved water sources.

COVERAGE



MONTHLY FIGURES

1 partner
6 regions
12 districts
322 assessed water points

NUMBER OF ASSESSED WATER POINTS BY DISTRICT

Afgooeye	41	Balcad	2	Garbahaarrey	3
Afmadow	4	Ceel Waaq	36	Jowhar	6
Baardheere	9	Doolow	121	Kismayo	34
Baidoa	27	Eyl	17	Luuq	22

EXCHANGE RATES¹

1 USD is equivalent to
27 ETB
100 KES
23,605 SOS

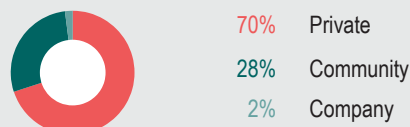
Water Price Monitoring

District	Assessed water points by type ² :		Assessed water points by water treatment:			Assessed water points by functionality ³ :		Median water prices (USD cents) ⁴ :		
	Improved	Unimproved	Chlorinated	Aquatabs	Not treated	Fully functional	Not fully functional	April	May	% Change
Afgooye	76%	24%	73%	7%	20%	68%	32%	20	20	0%
Afmadow	100%		100%			100%		39	39	0%
Baardheere	100%		89%	11%		100%		20	20	0%
Baidoa	63%	37%	56%		44%	93%	7%	39	39	0%
Balcad	100%		100%				100%	39	20	-49%
Ceel Waaq	14%	86%	75%	25%		100%		90	90	0%
Doolow	21%	79%	83%	17%		100%		45	45	0%
Eyl	18%	82%	24%		76%	100%		32	32	0%
Garbahaarrey	67%	33%	67%	33%		100%		20	20	0%
Jowhar	67%	33%	100%			100%		20	20	0%
Kismayo		100%	76%	24%		100%		39	39	0%
Luuq	73%	27%	77%	23%		100%		20	20	0%

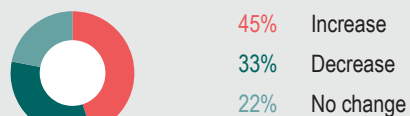
Most commonly reported problems among those water points that are not fully functional⁵:

1. Tanks are broken	41%
2. Pipes are broken	35%
3. Generator is broken	35%
4. Taps are broken	24%
5. Lack of fuel	12%
6. Low quality	12%

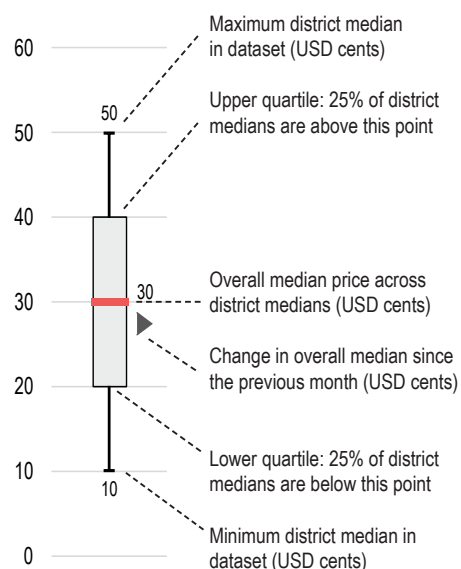
Assessed water points by administration:



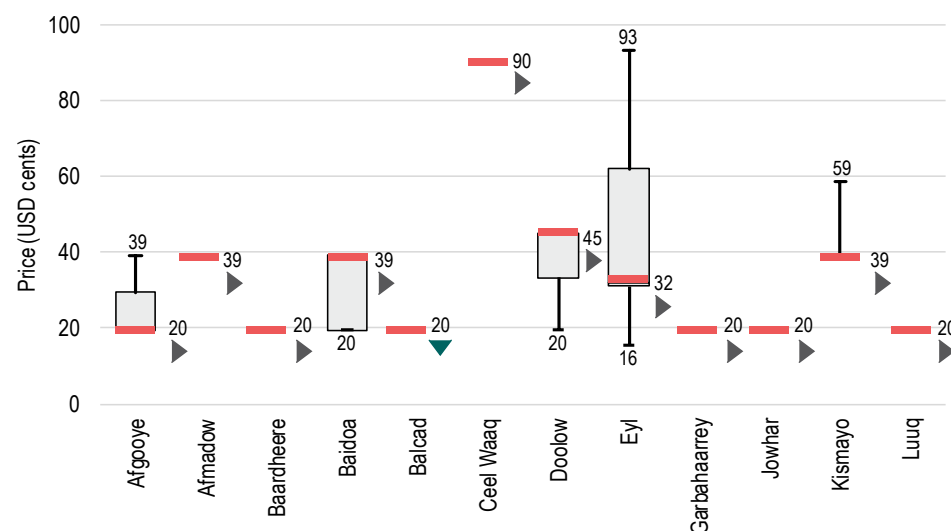
Proportion of assessed water points that showed a change in demand from previous month⁶:



How to read a boxplot:



Distribution of water prices across assessed districts⁷:



- Exchange rates presented here are averages of exchange rates reported by key informants (water points administrators).
- Reported water points types were recategorised into either unimproved or improved sources based on UNICEF (United Nations Children's Fund) and WHO (World Health Organization) Joint Monitoring Programme ladder for water.
- This is based on whether a water point does or does not function well throughout the year due to problems such as broken pipes, broken generators, lack of fuel among others.
- Median price is calculated by first determining the median price of water at each water point, then taking the resulting median price of the water points aggregated at the district level.
- Key informants could select multiple responses.
- This is based on the estimated number of households that access a water point on a daily basis.
- In some districts, the minimum, median and maximum prices were equal.



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