

Water Price Monitoring

Somalia, December 2018

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.

December data collection was conducted through a quantitative survey entailing phone calls to water point administrators between 27 December 2018 - 16 January 2019 in 11 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 areas were assessed.

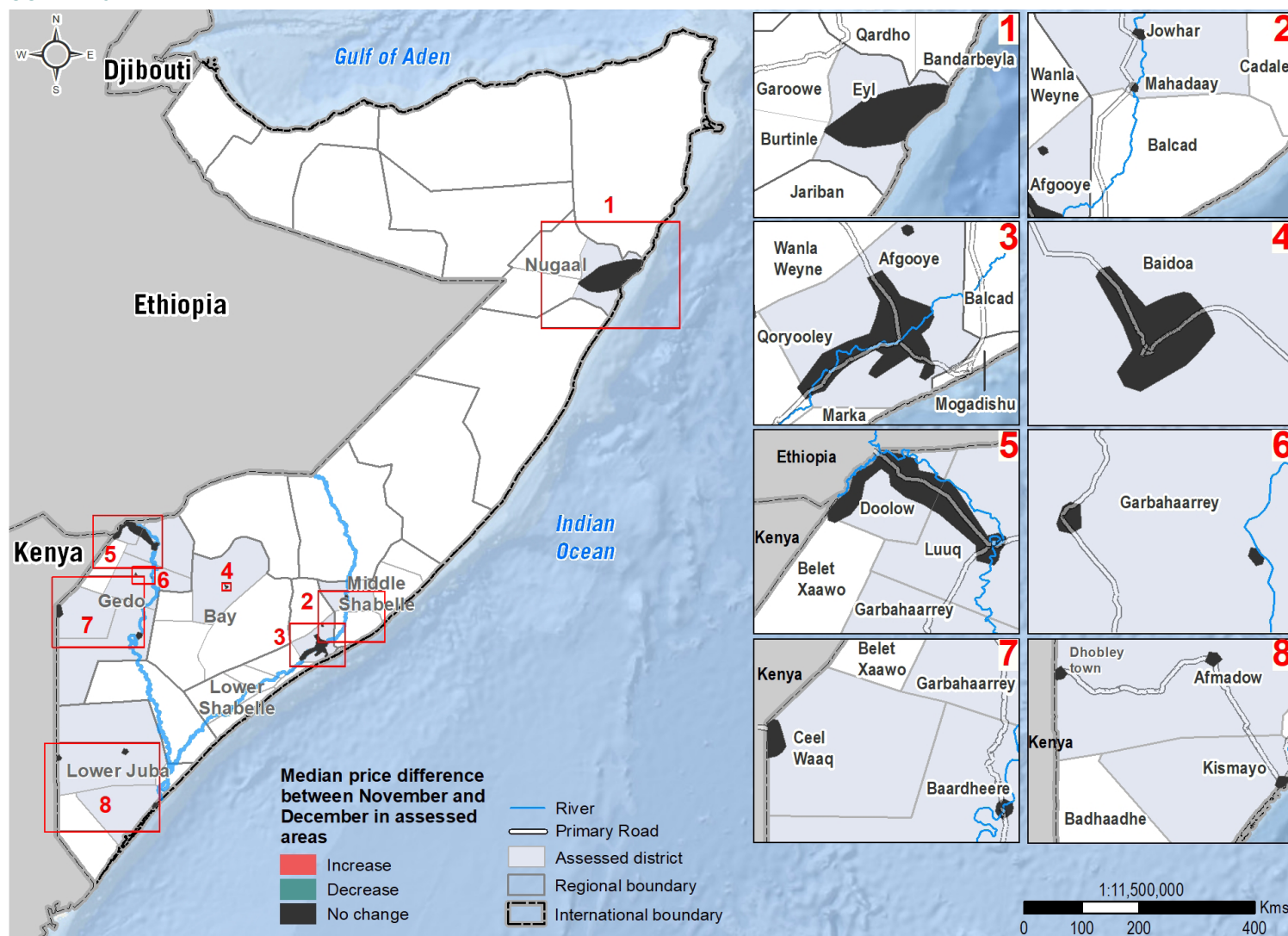
All prices are shown in United States Dollar (USD) cents for 90L of water. This is the daily amount used by a household of six members, consuming the minimum SPHERE standard of 15L water per person per day. Price changes are subject to exchange rate.

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

KEY FINDINGS

- Median water prices did not change from November to December in all assessed districts.
- Eyl District recorded the highest median water price, at 90 USD cents for 90 litres of water.
- Three-quarters of all assessed water points in Baidoa, 47% in Eyl, 33% in both Ceel waaq and Garbahaarrey, 22% in Baardheere and 14% in Jowhar do not have their water treated at the distribution point.
- Furthermore, 41% of assessed water points in Eyl District are unimproved and do not have their water treated, which has negative implications on the quality of water.

COVERAGE



MONTHLY FIGURES

1 partner
6 regions
11 districts
328 assessed water points

NUMBER OF ASSESSED WATER POINTS BY DISTRICT

Afgooye	41	Ceel Waaq	36	Jowhar	7
Afmadow	4	Doolow	122	Kismayo	35
Baardheere	9	Eyl	17	Luuq	22
Baidoa	32	Garbahaarrey	3		

EXCHANGE RATES¹

1 USD is equivalent to
30 ETB
100 KES
24,088 SOS

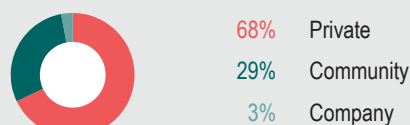
Water Price Monitoring

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	November	December	% Change
Afgooye	73%	27%	100%			100%		19	19	0%
Afmadow	100%		100%			100%		59	59	0%
Baardheere	100%		56%	22%	22%	100%		20	20	0%
Baidoa	78%	22%	25%		75%	91%	9%	38	38	0%
Ceel Waaq	14%	86%	36%	31%	33%	100%		90	90	0%
Doolow	21%	79%	66%	31%	2%	100%		45	45	0%
Eyl	18%	82%	53%		47%	88%	12%	30	30	0%
Garbahaarrey	67%	33%	67%		33%	100%		20	20	0%
Jowhar	57%	43%	86%		14%	86%	14%	19	19	0%
Kismayo		100%	74%	26%		100%		59	59	0%
Luuq	73%	27%	45%	55%		100%		20	20	0%

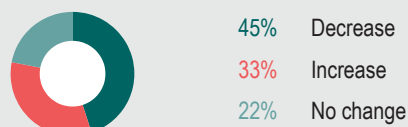
Most commonly reported problems among those water points that are not fully functional⁵:

1. Low quantity of water	57%
2. Tanks are broken	14%
3. Pipes are broken	14%

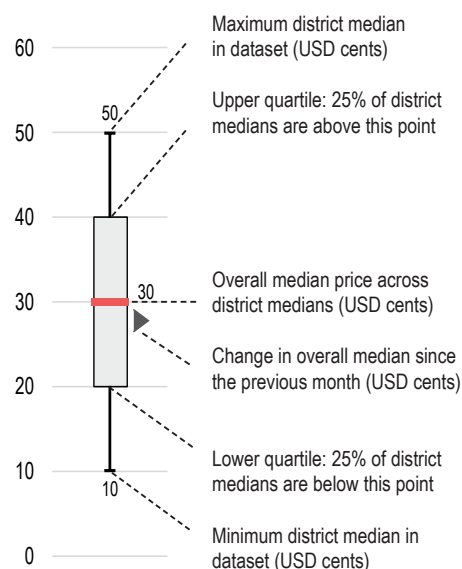
Assessed water points by administration:



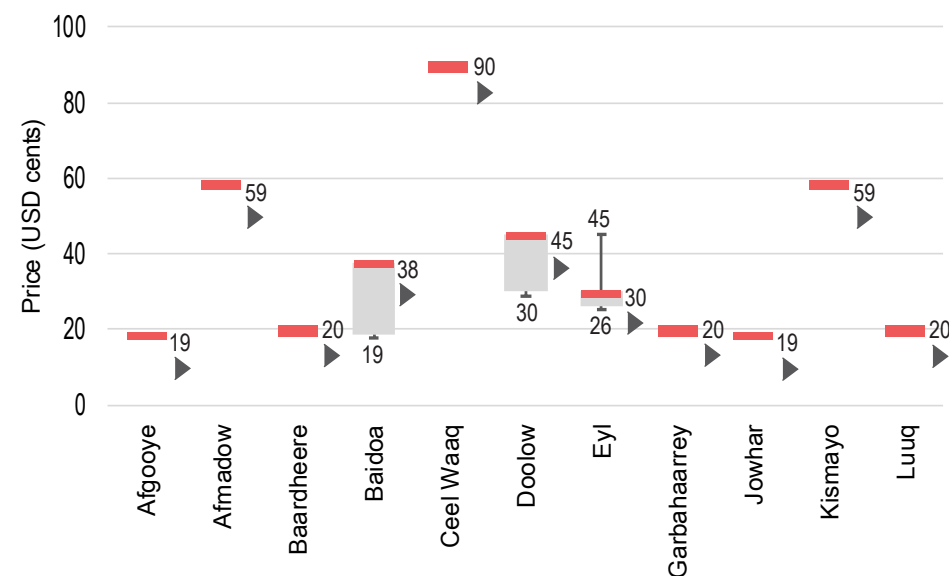
Proportion of assessed water points that showed a change in demand from previous month⁶:



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 settlement, then taking the resulting median price of the settlements 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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For more information on this profile please contact REACH:
somalia@reach-initiative.org
<http://www.reachresourcecentre.info/countries/somalia>

