

Dispensers for Safe Water

These key performance indicators for Dispensers for Safe Water are updated automatically from our performance monitoring database. They provide information about our performance in real time.

4,699,876.8

people with access

48.5%

avg adoption rate

98%

dispensers without
outages, monthly
average since July
2015

1,327,261

carbon credits
generated

Access

Dispensers for Safe Water is a proven, innovative, low-cost approach to increase household chlorination.

Access refers to the number of people Dispensers for Safe Water serves across the three countries of our operation. We collect and verify data on the number of households that are using a given waterpoint. We then estimate the number of people per household, based on monthly surveys of randomly selected households in that catchment area.

People Served with Access to Dispensers

people served

11,659 dispensers installed



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date Jan 15 Jan 16 Jan 17 People Served 0M 0.5M 1M 1.5M 2M 2.5M 3M 3.5M 4M 4.5M 5M



07-01-2014



Usage

The adoption rate is an important measure of the use of dispensers by the community. It is the percentage of randomly sampled households that tested positive for residual chlorine ('Total Chlorine

Total Dispenser Adoption Rates

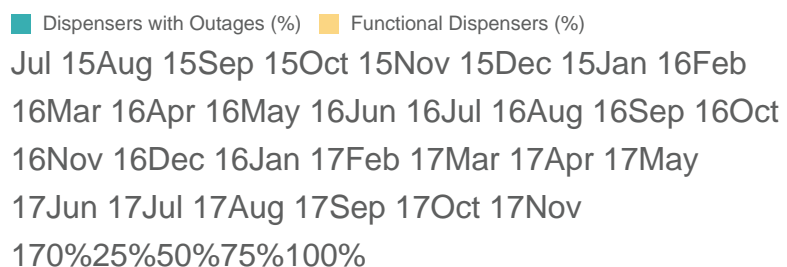
Residual') in their drinking water during an unannounced household visit. 1.5% of all dispensers that we have installed are evaluated that way every month. For the first three months of evaluation in a new geographic area, we increase that to 2% of dispensers monitored. Additionally, a random selection of eight households are interviewed at each dispenser site by our Monitoring and Learning Team for qualitative information about adoption and usage in that particular village.

25%50%75%Jan 15Jan 16Jan 170%100%

Reliability

We monitor whether dispensers are functional, do not need repairs, and are filled with chlorine to assess how reliable our service is. Reliability is a critical factor in user adoption as empty or broken dispensers are not usable. We define a

Percent of Functional Dispensers



functional dispenser as one that releases a proper dose of chlorine (3ml), and requires no repairs. Data is gathered by our circuit riders on each trip that chlorine is delivered to the dispenser.

The outages breakdown by two reported causes.



Breakdown of Reported Dispenser Outages

■ Dispensers with chlorine outages (%) ■ Dispensers with hardware outages (%)

1.2% avg 0.8% avg Jul 15 Aug 15 Sep 15 Oct 15 Nov 15 Dec 15 Jan 16 Feb 16 Mar 16 Apr 16 May 16 Jun 16 Jul 16 Aug 16 Sep 16 Oct 16 Nov 16 Dec 16 Jan 17 Feb 17 Mar 17 Apr 17 May 17 Jun 17 Jul 17 Aug 17 Sep 17 Oct 17 Nov 17 3% 3% 0

Revenue from Carbon Credits

We sell carbon credits on carbon markets to generate revenue and

offset our costs of running
Dispensers for Safe
Water.

A carbon credit represents
one ton of carbon dioxide
or equivalent of
greenhouse gases
removed or not emitted
into the atmosphere.

Companies with
greenhouse gas reduction
targets purchase carbon
credits from “offset”
projects in developing
countries, provided that
those projects also
contribute to sustainable
development priorities.
Dispenser for Safe Water
is certified by 3rd party
auditors to generate such
carbon credits by averting
the greenhouse gas
emissions from a carbon-
intensive activity like
boiling water in favor of a
cleaner safe water
technology like chlorine
dispensers.

Total Carbon Credits Generated

■ Kenya ■ Uganda ■ Malawi

date 2013 2014 2015 Carbon

Credits 0K 100K 200K 300K 400K 500K 600K
Uganda certified Malawi certified

Kenya

Uganda

Malawi

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