2013-2014 ORS and Zinc Survey: Results from 9 countries
Presentation outline

**ACTwatch Project**  3
ACTwatch surveys  5

**Outlet survey methods**  6
Study population  7
Sampling  8
Indicators  9

**Outlet survey results**  10
Benin  20
Cambodia  25
DRC  30
Kenya  38
Madagascar  43
Nigeria  48
Tanzania  52
Uganda  57
Zambia  62
The ACTwatch project
ACTwatch produces standardized ORS and zinc evidence in 9 countries
Available in this report:

- 2013
  - DRC (Kinshasa & Katanga)
  - Cambodia
  - Madagascar
  - Nigeria
  - Uganda

- 2014
  - Benin
  - Kenya
  - Tanzania
  - Zambia

Available in the next report (2016):

- 2015
  - DRC (Kinshasa & Katanga)
  - Ethiopia
  - Madagascar
  - Nigeria
  - Uganda

- 2016
  - Benin
  - Kenya
  - Tanzania
Outlet Survey Methods
Study Population

- Study Population: Outlets with any modern medicines available

- What is an outlet?
  - Public Health Facility
  - Community Health Worker
  - Private Not For-Profit Facility
  - Private For-Profit Facility
  - Pharmacy
  - Drug Shop
  - General Retailer
  - Itinerant Vendor
Sampling

- Representative sample of clusters
- Complete a census of all potentially eligible outlets
- Extend the census area to the division level to boost the sample size for key market segments (Booster sample)
- Screen for any modern medicines available
Indicators

When products are in stock: Product audit

- Availability of ORS
- Availability of zinc
- Availability of both ORS and zinc

In Kenya and Tanzania:
- Availability of 10mg and 20mg zinc tablets
- Availability of co-packaged ORS and zinc
Summary Findings  ORS and zinc
What is the availability of ORS and zinc by outlet type?
Availability of ORS and zinc in public health facilities

Among all screened outlets, across survey round
Availability of ORS and zinc in CHWs
Among all screened outlets, across survey round

West & Central Africa
- Benin 2014

East Africa
- Nigeria 2013
- Kenya 2014
- Uganda 2013

Southern Africa
- Madagascar 2013
- Zambia 2014

ORS
ORS & zinc
Availability of ORS and zinc in private for-profit facilities

Among all screened outlets, across survey round

[Bar chart showing availability of ORS and ORS & zinc in different African regions and years]
Availability of ORS and zinc in pharmacies

Among all screened outlets, across survey round

- Benin 2014
- Nigeria 2013
- Kenya 2014
- Tanzania 2014
- Uganda 2013
- Madagascar 2013
- Zambia 2014

West & Central Africa
East Africa
Southern Africa

ORS
ORS & zinc
Availability of ORS and zinc in drug stores

Among all screened outlets, across survey round

- Benin 2014
- Katanga, DRC 2013
- Kinshasa, DRC 2013
- Nigeria 2013
- Kenya 2014
- Tanzania 2014 ADDO
- Tanzania 2014 DLDB
- Uganda 2013
- Madagascar 2013
- Zambia 2014

**West & Central Africa**
- ORS
- ORS & zinc

**East Africa**
- ORS
- ORS & zinc

**Southern Africa**
- ORS
- ORS & zinc
Availability of ORS and zinc in general retailers

Among all screened outlets, across survey round

[Graph showing availability of ORS and zinc in general retailers across different regions and years.]
Findings by region - ORS and zinc
What is the availability of ORS and zinc by region and by country?
West & Central Africa
Benin
Diarrhea management market composition, 2014

Among all outlets with ORS or zinc in stock on the day of the survey in Benin

- Public Health Facility: 29%
- Community Health Worker: 14%
- Private Not For-Profit Facility: 7%
- Private For-Profit Facility: 23%
- Pharmacy: 17%
- Drug Store: 4%
- General Retailer: 5%
- Itinerant Drug Vendor: 2%

N=377
Diarrhea management market composition, 2014
Among all outlets with ORS or zinc in stock on the day of the survey, urban/rural comparison

Urban
N=317
- Public Health Facility: 43%
- Community Health Worker: 16%
- Private Not For-Profit Facility: 10%
- Private For-Profit Facility: 8%
- Pharmacy: 15%
- Drug Store: 2%
- General Retailer: 2%
- Itinerant Drug Vendor: 1%

Rural
N=60
- Public Health Facility: 33%
- Community Health Worker: 16%
- Private Not For-Profit Facility: 22%
- Private For-Profit Facility: 21%
- Pharmacy: 3%
- Drug Store: 3%
- General Retailer: 3%
- Itinerant Drug Vendor: 3%
Availability of ORS and zinc in the public sector

Among all screened outlets, across survey round
Availability of ORS and zinc in the private sector
Among all screened outlets, across survey round
Democratic Republic of the Congo
Kinshasa & Katanga
Diarrhea management market composition, 2013
Among all outlets with ORS or zinc in stock on the day of the survey, Kinshasa & Katanga

- Public Health Facility
- Community Health Worker
- Private Not-For-Profit Facility
- Private For-Profit Facility
- Pharmacy
- Drug Store
- General Retailer
- Itinerant Drug Vendor

Kinshasa N=661
- 87% Public Health Facility
- 5% Community Health Worker
- 8% Private Not-For-Profit Facility
- 2% Private For-Profit Facility
- 2% Pharmacy
- 1% Drug Store
- 1% General Retailer
- 0% Itinerant Drug Vendor

Kitanga N=574
- 53% Public Health Facility
- 19% Community Health Worker
- 11% Private Not-For-Profit Facility
- 7% Private For-Profit Facility
- 4% Pharmacy
- 4% Drug Store
- 2% General Retailer
- 1% Itinerant Drug Vendor
Diarrhea management market composition, 2013

Among all outlets with ORS or zinc in stock on the day of the survey, urban/rural Kinshasa

- Public Health Facility
- Community Health Worker
- Private Not-For-Profit Facility
- Private For-Profit Facility
- Pharmacy
- Drug Store
- General Retailer
- Itinerant Drug Vendor

Urban
N=331
- 90%
- 6%
- 1%
- 2%
- 1%

Rural
N=330
- 75%
- 17%
- 5%
- 3%
Diarrhea management market composition, 2013

Among all outlets with ORS or zinc in stock on the day of the survey, urban/rural Katanga

- Public Health Facility
- Community Health Worker
- Private Not-For-Profit Facility
- Private For-Profit Facility
- Pharmacy
- Drug Store
- General Retailer
- Itinerant Drug Vendor

Urban
N=367

Urban:
- 79% Drug Store
- 14% General Retailer
- 6% Private For-Profit Facility
- 2% Private Not-For-Profit Facility
- 0% Pharmacy
- 0% Community Health Worker
- 0% Public Health Facility

Rural
N=207

Rural:
- 53% Drug Store
- 19% General Retailer
- 17% Private For-Profit Facility
- 4% Private Not-For-Profit Facility
- 0% Pharmacy
- 0% Community Health Worker
- 0% Public Health Facility
Availability of ORS and zinc in the public sector, 2013

Among all screened outlets, across survey round, Kinshasa
Availability of ORS and zinc in the private sector, 2013

Among all screened outlets, across survey round, *Kinshasa*
### Availability of ORS and zinc in the public sector, 2013

*Among all screened outlets, across survey round, Kitanga*

#### Public Health Facility

<table>
<thead>
<tr>
<th>Product</th>
<th>Urban</th>
<th>Rural</th>
</tr>
</thead>
<tbody>
<tr>
<td>Any ORS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Any zinc</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ORS&amp;Zinc</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Private Not For-Profit Facility

<table>
<thead>
<tr>
<th>Product</th>
<th>Urban</th>
<th>Rural</th>
</tr>
</thead>
<tbody>
<tr>
<td>Any ORS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Any zinc</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ORS&amp;Zinc</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

[Diagram showing availability data]
Availability of ORS and zinc in the private sector, 2013

Among all screened outlets, across survey round, **Kitanga**
Nigeria
Diarrhea management market composition, 2013

Among all outlets with ORS or zinc in stock on the day of the survey in Nigeria

- Public Health Facility: 72%
- Community Health Worker: 13%
- Private Not For-Profit Facility: 6%
- Private For-Profit Facility: 7%
- Pharmacy: 1%
- Drug Store (PPMV): 1%
- General Retailer: 1%
- Itinerant Drug Vendor: 1%
Availability of ORS and zinc in the public sector

Among all screened outlets, across survey round

[Bar chart showing the proportion of outlets for different types of facilities and ORS/zinc availability]
Availability of ORS and zinc in the private sector

Among all screened outlets, across survey round

![Chart showing availability of ORS and zinc in private sector outlets](chart.png)
East Africa
Kenya
Diarrhea management market composition, 2014

Among all outlets with ORS or zinc in stock on the day of the survey in Kenya

- Public Health Facility: 33%
- Community Health Worker: 12%
- Private Not For-Profit Facility: 10%
- Private For-Profit Facility: 4%
- Registered Pharmacy: 5%
- Unregistered Pharmacy: 14%
- General Retailer: 22%
- Itinerant Drug Vendor: 10%

N=1,199
Diarrhea management market composition, 2014
Among all outlets with ORS or zinc in stock on the day of the survey, urban/rural comparison

<table>
<thead>
<tr>
<th>Location</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urban</td>
<td>912</td>
</tr>
<tr>
<td>Rural</td>
<td>287</td>
</tr>
</tbody>
</table>

- **Public Health Facility**: 
  - Urban: 41%
  - Rural: 23%
- **Community Health Worker**: 
  - Urban: 6%
  - Rural: 7%
- **Private Not For-Profit Facility**: 
  - Urban: 3%
  - Rural: 15%
- **Private For-Profit Facility**: 
  - Urban: 25%
  - Rural: 5%
- **Registered Pharmacy**: 
  - Urban: 18%
  - Rural: 16%
- **Unregistered Pharmacy**: 
  - Urban: 7%
  - Rural: 7%
- **General Retailer**: 
  - Urban: 4%
  - Rural: 26%
- **Itinerant Drug Vendor**: 
  - Urban: 3%
  - Rural: 26%
Availability of ORS and zinc in the public sector
Among all screened outlets, across survey round – grey bars indicate an N<50 in that category
### Availability of ORS and zinc in the private sector

*Among all screened outlets, across survey round—grey bars indicate an N<50 in that category*

<table>
<thead>
<tr>
<th></th>
<th>Private For-Profit Facility</th>
<th>Registered Pharmacy</th>
<th>Unregistered Pharmacy</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ORS</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Any zinc</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Zinc 10mg</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>Zinc 20mg</strong></td>
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</tr>
<tr>
<td><strong>ORS&amp;Zinc</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Co-packaged</strong></td>
<td></td>
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</tr>
</tbody>
</table>

**Graph**

![Graph illustrating the availability of ORS and zinc in private sector outlets](image-url)

**Legend**

- **Urban**
- **Rural**
Tanzania
Diarrhea management market composition, 2014

Among all outlets with ORS or zinc in stock on the day of the survey in Tanzania

2014
N=468

- 43%: ADDO
- 30%: Pharmacy
- 14%: Private Not For-Profit Facility
- 6%: Public Health Facility
- 2%: Private For-Profit Facility
- 2%: General Retailer
Diarrhea management market composition, 2014
Among all outlets with ORS or zinc in stock on the day of the survey, urban/rural comparison

### Urban
- Public Health Facility: 30%
- Private Not For-Profit Facility: 7%
- Private For-Profit Facility: 1%
- Pharmacy: 9%
- ADDO: 2%
- DLDB: 3%
- General Retailer: 4%

**N=339**

### Rural
- Public Health Facility: 34%
- Private Not For-Profit Facility: 3%
- Private For-Profit Facility: 3%
- Pharmacy: 24%
- ADDO: 2%
- DLDB: 34%
- General Retailer: 4%

**N=129**
Availability of ORS and zinc in the public sector

Among all screened outlets, across survey round – grey bars indicate an N<50 in that category.
Availability of ORS and zinc in the private sector
Among all screened outlets, across survey round – grey bars indicate an N<50 in that category
Diarrhea management market composition, 2014
Among all outlets with ORS or zinc in stock on the day of the survey in Uganda

- 45% Registered Pharmacy
- 32% Private For-Profit Facility
- 13% Private Not For-Profit Facility
- 7% Community Health Worker
- 2% Drug Store
- 2% General Retailer
- 1% Public Health Facility

*N=1,997*
Diarrhea management market composition, 2014
Among all outlets with ORS or zinc in stock on the day of the survey, urban/rural comparison

Urban
N=690

- Public Health Facility: 39%
- Community Health Worker: 1%
- Private Not For-Profit Facility: 3%
- Private For-Profit Facility: 10%
- Pharmacy: 8%
- Drug Store: 3%
- General Retailer: 2%
- Itinerant Drug Vendor: 2%

Rural
N=1,307

- Public Health Facility: 30%
- Community Health Worker: 8%
- Private Not For-Profit Facility: 7%
- Private For-Profit Facility: 6%
- Pharmacy: 2%
- Drug Store: 2%
- General Retailer: 54%
- Itinerant Drug Vendor: 2%
Availability of ORS and zinc in the public sector

Among all screened outlets, across survey round – grey bars indicate an N<50 in that category.
Availability of ORS and zinc in the private sector

Among all screened outlets, across survey round – grey bars indicate an N<50 in that category
Southern Africa
Madagascar
Diarrhea management market composition, 2013-4
Among all outlets with ORS or zinc in stock on the day of the survey in Madagascar

- Public Health Facility: 15%
- Community Health Worker: 6%
- Private Not For-Profit Facility: 1%
- Private For-Profit Facility: 1%
- Pharmacy: 28%
- Drug Store: 3%
- General Retailer: 6%
- Itinerant Drug Vendor: 69%

N=306
Diarrhea management market composition, 2013-4

Among all outlets with ORS or zinc in stock on the day of the survey, urban/rural comparison

- **Public Health Facility**
- **Community Health Worker**
- **Private Not For-Profit Facility**
- **Private For-Profit Facility**
- **Pharmacy**
- **Drug Store**
- **General Retailer**
- **Itinerant Drug Vendor**

**Urban**
- N=100
  - Public Health Facility: 20%
  - Community Health Worker: 14%
  - Private Not For-Profit Facility: 7%
  - Private For-Profit Facility: 12%
  - Pharmacy: 3%
  - Drug Store: 1%
  - General Retailer: 1%
  - Itinerant Drug Vendor: 1%

**Rural**
- N=206
  - Public Health Facility: 43%
  - Community Health Worker: 1%
  - Private Not For-Profit Facility: 6%
  - Private For-Profit Facility: 4%
  - Pharmacy: 3%
  - Drug Store: 15%
  - General Retailer: 3%
  - Itinerant Drug Vendor: 1%
Availability of ORS and zinc in the public sector

Among all screened outlets, across survey round – grey bars indicate an N<50 in that category
Availability of ORS and zinc in the private sector

Among all screened outlets, across survey round – grey bars indicate an N<50 in that category
Diarrhea management market composition, 2014
Among all outlets with ORS or zinc in stock on the day of the survey in Zambia

- Public Health Facility: 39%
- Community Health Worker: 5%
- Private Not For-Profit Facility: 30%
- Private For-Profit Facility: 12%
- Registered Pharmacy: 8%
- Drug Store: 4%
- General Retailer: 3%
Diarrhea management market composition, 2014

Among all outlets with ORS or zinc in stock on the day of the survey, urban/rural comparison

Urban
N=332

- Public Health Facility: 47%
- Community Health Worker: 18%
- Private Not For-Profit Facility: 9%
- Private For-Profit Facility: 19%
- Pharmacy: 1%
- Drug Store: 7%
- General Retailer: 1%

Rural
N=59

- Public Health Facility: 65%
- Community Health Worker: 8%
- Private Not For-Profit Facility: 4%
- Private For-Profit Facility: 17%
- Pharmacy: 1%
- Drug Store: 6%
- General Retailer: 0%
Availability of ORS and zinc in the public sector

Among all screened outlets, across survey round – grey bars indicate an N<50 in that category.
Availability of ORS and zinc in the private sector

Among all screened outlets, across survey round – grey bars indicate an N<50 in that category
South-east Asia
Diarrhea management market composition, 2013

Among all outlets with ORS or zinc in stock on the day of the survey in Cambodia

- Public Health Facility: 21%
- Community Health Worker: 3%
- Private For-Profit Facility: 3%
- Pharmacy: 16%
- Drug Store: 16%
- General Retailer: 16%
- Itinerant Drug Vendor: 9%

N=737
Diarrhea management market composition, 2013
Among all outlets with ORS or zinc in stock on the day of the survey, urban/rural comparison

Urban
N=148

- Public Health Facility: 1%
- Community Health Worker: 8%
- Private For-Profit Facility: 13%
- Pharmacy: 25%
- Drug Store: 5%
- General Retailer: 16%
- Itinerant Drug Vendor: 3%

Rural
N=589

- Public Health Facility: 24%
- Community Health Worker: 10%
- Private For-Profit Facility: 14%
- Pharmacy: 3%
- Drug Store: 23%
- General Retailer: 10%
- Itinerant Drug Vendor: 14%
Availability of ORS and zinc in the public sector, 2013

*Among all screened outlets, across survey round*
Availability of ORS and zinc in the private sector, 2013

Among all screened outlets, across survey round
Acknowledgements

- Ministry of Health
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Thank you!