Covid-19 Supply Chain System Assessment
AFRO Country Snapshots

26 February 2021
The Yellow House

WE ADVISE, CONVENE,
PUBLISH AND
CAUSE REFLECTTION
FOR POSITIVE IMPACT
Enclosed is a snapshot view of the procurement undertaken in 2020 for AFRO countries supplied via the CSCS.

Notes:

- WHO* includes PAHO
- PPE Items with* are classified as non-essential
- The Global Fund procured approx. $70m PPE via UNICEF and $13M PPE & Diagnostics via UNDP. In the following snapshots, these will appear in the UNICEF and UNDP procurement amounts.
- UNFPA data is not depicted at the product level
- UN DOS and IOM procured for staff is not included.
CSCS country overview

Value by country income group:
- High income: $62M (6%)
- Lower middle income: $593M (37%)
- Upper middle income: $327M (31%)
- Low income: $271M (26%)

Total procurement:
- Quantity: 1,095,274,446
- Value: $1,090,921,934
- Count of Country: 184

Value and quantity by region:
- AFRO: $32M, 415M
- EMRO: $19M, 200M
- AMRO: $252M, 141M
- EURO: $10M, 61M
- SEARO: $123M, 6M
- WPRO: $38M, 51M

Qty Value and # of countries served per country income group:
- Low income: $271M, 29 countries
- Lower middle income: $393M, 51 countries
- Upper middle income: $327M, 47 countries
- High income: $62M, 57 countries
<table>
<thead>
<tr>
<th>Country</th>
<th>Region</th>
<th>Income group</th>
<th>Value</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nigeria</td>
<td>AFRO</td>
<td>Lower middle income</td>
<td>3,205,555</td>
<td>850,144</td>
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<tr>
<td>Angola</td>
<td>AFRO</td>
<td>Lower middle income</td>
<td>2,282,263</td>
<td>2,443,344</td>
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<tr>
<td>Armenia</td>
<td>AFRO</td>
<td>Lower middle income</td>
<td>3,958,274</td>
<td>7,220,204</td>
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<tr>
<td>Botswana</td>
<td>AFRO</td>
<td>Upper middle income</td>
<td>602,772</td>
<td>289,660</td>
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<tr>
<td>Burkina Faso</td>
<td>AFRO</td>
<td>Low Income</td>
<td>8,973,864</td>
<td>8,588,927</td>
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<td>Burundi</td>
<td>AFRO</td>
<td>Low Income</td>
<td>3,102,285</td>
<td>5,067,328</td>
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<td>Cape Verde</td>
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<td>Lower middle income</td>
<td>1,196,936</td>
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<td>Cameroon</td>
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<td>15,682,763</td>
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<td>Central African Republic</td>
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<td>2,462,765</td>
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<td>Chad</td>
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<td>Comoros</td>
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<td>Lower middle income</td>
<td>1,143,394</td>
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<td>Congo, Dem. Rep</td>
<td>AFRO</td>
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<td>11,473,719</td>
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<td>Congo, Rep</td>
<td>AFRO</td>
<td>Lower middle income</td>
<td>5,928,596</td>
<td>2,209,881</td>
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<td>Côte d'Ivoire</td>
<td>AFRO</td>
<td>Lower middle income</td>
<td>3,014,821</td>
<td>8,494,990</td>
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<td>Equatorial Guinea</td>
<td>AFRO</td>
<td>Upper middle income</td>
<td>2,762,237</td>
<td>920,029</td>
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<td>Eritrea</td>
<td>AFRO</td>
<td>Low Income</td>
<td>1,469,273</td>
<td>681,760</td>
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<td>Eswatini</td>
<td>AFRO</td>
<td>Lower middle income</td>
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<td>Ethiopia</td>
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<td>Low Income</td>
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<td>Gabon</td>
<td>AFRO</td>
<td>Upper middle income</td>
<td>3,384,715</td>
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<td>Ghana</td>
<td>AFRO</td>
<td>Low Income</td>
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<td>1,783,713</td>
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<td>Kenya</td>
<td>AFRO</td>
<td>Lower middle income</td>
<td>5,586,299</td>
<td>15,660,601</td>
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<td>Guinea</td>
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<td>Low Income</td>
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<td>Guinea-Bissau</td>
<td>AFRO</td>
<td>Low Income</td>
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<td>Kenya</td>
<td>AFRO</td>
<td>Lower middle income</td>
<td>11,256,177</td>
<td>5,025,223</td>
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<td>Lesotho</td>
<td>AFRO</td>
<td>Lower middle income</td>
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<td>Low Income</td>
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<td>Madagascar</td>
<td>AFRO</td>
<td>Low Income</td>
<td>9,529,891</td>
<td>6,635,191</td>
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<td>Malawi</td>
<td>AFRO</td>
<td>Low Income</td>
<td>11,787,407</td>
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<td>Mali</td>
<td>AFRO</td>
<td>Low Income</td>
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<td>10,328,951</td>
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<td>Mauritania</td>
<td>AFRO</td>
<td>Lower middle income</td>
<td>2,379,772</td>
<td>1,354,048</td>
</tr>
<tr>
<td>Mauritius</td>
<td>AFRO</td>
<td>High Income</td>
<td>9,944,783</td>
<td>207,260</td>
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<tr>
<td>Mozambique</td>
<td>AFRO</td>
<td>Low Income</td>
<td>11,120,285</td>
<td>31,031,991</td>
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<tr>
<td>Namibia</td>
<td>AFRO</td>
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<td>AFRO</td>
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<td>20,880,281</td>
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<td>Rwanda</td>
<td>AFRO</td>
<td>Low Income</td>
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<td>1,848,006</td>
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<tr>
<td>Sao Tome And Principe</td>
<td>AFRO</td>
<td>Lower middle income</td>
<td>1,165,452</td>
<td>3,429,264</td>
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<td>Senegal</td>
<td>AFRO</td>
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<td>2,285,955</td>
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<td>Seychelles</td>
<td>AFRO</td>
<td>High Income</td>
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<td>798,889</td>
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<td>Sierra Leone</td>
<td>AFRO</td>
<td>Low Income</td>
<td>3,480,940</td>
<td>20,215,951</td>
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<tr>
<td>South Africa</td>
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<td>2,023,221</td>
<td>1,126,649</td>
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<td>South Sudan</td>
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<td>33,575,912</td>
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<td>Tanzania</td>
<td>AFRO</td>
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<td>3,408,275</td>
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<td>Togo</td>
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<td>Low Income</td>
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<td>2,159,159</td>
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<td>Trinidad</td>
<td>AFRO</td>
<td>Low Income</td>
<td>12,907,025</td>
<td>48,401,506</td>
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<tr>
<td>Tunisia</td>
<td>AFRO</td>
<td>Low Income</td>
<td>9,313,283</td>
<td>12,811,549</td>
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<tr>
<td>Zambes</td>
<td>AFRO</td>
<td>Lower middle income</td>
<td>9,472,280</td>
<td>7,200,702</td>
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<tr>
<td>Zimbabwe</td>
<td>AFRO</td>
<td>Lower middle income</td>
<td>23,082,406</td>
<td>49,950,429</td>
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</tbody>
</table>
Angola CSCS Procurement overview for Covid-19 supplies as of 31 December

**Total procurement**
- Quantity: 2,443,344
- Value: $3,292,353

**Total procurement by category**
- BIO: Quantity $162K, Value $224K
- DIA: Quantity 255K, Value $1.45M
- PPE: Quantity 2.188K, Value $890K

**Value by buyer and category**
- Global Fund
  - Test (Automated PCR): $1.542K
  - Test (Manual PCR): $694K
  - Sample collection kit: $475K
  - Extraction kit: $48K
  - Respiration: $40K
  - Mask 3 plies: $326K
  - Gown: $162K
  - Glove surg: $4K
  - Glove exam: $23K
- WHO*
  - Test (Automated PCR): $222K
  - Test (Manual PCR): $1.672K
  - Sample collection kit: $303K
  - Extraction kit: $109K
  - Respiration: $93K
  - Mask 3 plies: $55K
- UNDP
  - Test (Manual PCR): $1.45M
  - Sample collection kit: $303K
  - Extraction kit: $93K
- UNICEF
  - Test (Manual PCR): $1.45K
  - Sample collection kit: $303K
  - Gown: $109K
- UNHCR
  - Test (Manual PCR): $1.45K
  - Sample collection kit: $303K
  - Gown: $109K
- UNFPA

**Top five products procured by value per category**
- BIO
  - Ventilator: $107K
  - Monitor: $33K
  - Oxygen conc.: $15K
  - Pulse oximeter: $7K
  - Thermo infrared
- DIA
  - Test (Automated PCR): $1.672K
  - Test (Manual PCR): $1.45K
  - Sample collection kit: $303K
  - Test (Antigen RDT): $93K
  - Extraction kit: $55K
- PPE
  - Respiration: $292K
  - Mask 3 plies: $272K
  - Gown: $177K
  - Glove surg: $86K
  - Glove exam: $27K
Benin CSCS Procurement overview for Covid-19 supplies as of 31 December

Total procurement: 2,720,201
Quantity: $2,569,274

Top five products procured by value per category:
- Ventilator: $160K
- Monitor: $57K
- Pulse oximeter: $48K
- Thermo infrared: $36K
- Oxygen conc.: $19K

Value by buyer and category:
- UNDP
- UNICEF
- WHO*

Benin

- Test (Manual PCR): $375K
- Test (Automated PCR): $378K
- Sample collection kit: $153K
- Extraction kit: $119K
- Reaction kit: $3K

- Mask 3 plies: $338K
- Coverall*: $167K
- Respirator: $145K
- Facerchief: $108K
- Glove exam: $27K
Botswana CSCS Procurement overview for Covid-19 supplies as of 31 December

**Total procurement**
- **Quantity**: 289,660
- **Value**: $602,772

**Total procurement by category**
- **BIO**: Quantity 0K, Value $141K, Value $120K
- **DIA**: Quantity 42K, Value $342K
- **PPE**: Quantity 246K, Value $120K

**Value by buyer and category**
- **BIO**: UNICEF $350K, WHO* $120K
- **DIA**: UNICEF $99K, WHO* $243K
- **PPE**: UNICEF $141K, WHO* $243K

**Top five products procured by value per category**
- **BIO**
  - Ventilator: UNICEF $107K, WHO* $120K
  - Monitor: UNICEF $23K, WHO* $120K
  - Oxygen concentrator: UNICEF $7K, WHO* $120K
  - Pulse oximeter: UNICEF $4K, WHO* $120K

- **DIA**
  - Test (Automated PCR): UNICEF $243K, WHO* $120K
  - Test (Manual PCR): UNICEF $59K, WHO* $120K
  - Sample collection kit: UNICEF $19K, WHO* $120K
  - Extraction kit: UNICEF $19K, WHO* $120K
  - Reaction kit: UNICEF $3K, WHO* $120K

- **PPE**
  - Gown: UNICEF $43K, WHO* $120K
  - Mask 3 plies: UNICEF $40K, WHO* $120K
  - Faceshield: UNICEF $21K, WHO* $120K
  - Respirator: UNICEF $9K, WHO* $120K
  - Glove exam: UNICEF $6K, WHO* $120K
Cabo Verde CSCS Procurement overview for Covid-19 supplies as of 31 December

Total procurement:
- Quantity: 1,192,715
- Value: $1,156,096

Top five products procured by value per category:
- Bio: HFNC, Ventilator, Monitor, Oxygen conc., Pulse oximeter
  - WHO*: $208K, $107K, $37K, $17K, $6K

Value by buyer and category:
- BIO: WHO* $898K, UNICEF $295K
- DIA: WHO* $758K, UNICEF $228K
- PPE: WHO* $298K, UNICEF $258K

Buyers:
- Global Fund
- UNICEF
- WHO*
Cote d'Ivoire CSCS Procurement overview for Covid-19 supplies as of 31 December

Total procurement:
- Quantity: 8,494,990
- Value: 3,014,821

Total procurement by category:
- BIO: Quantity 8,361K, Value $2,003K
- DIA: Quantity 133K, Value $187K
- PPE: Quantity 0K, Value $168K

Value by buyer and category:
- BIO:
  - UNICEF: $1,763K
  - WHO*: $483K
  - UNDP: $529K
- DIA:
  - UNICEF: $280K
  - WHO*: $106K
  - UNDP: $85K
  - GDF: $106K
- PPE:
  - UNICEF: $991K
  - WHO*: $282K
  - UNDP: $109K
  - GDF: $85K
  - UNFPA: $13K

Top five products procured by value per category:
- BIO:
  - Ventilator: $375K
  - Monitor: $187K
  - Oxygen conc.: $63K
  - Pulse oximeter: $39K
  - Thermo infrared: $1K

PPE:
- Mask 3 plies: $765K
- Glove other*: $523K
- Respirator: $462K
- Glove exam: $63K
- Gown: $28K

Cote d'Ivoire
Equatorial Guinea CSCS Procurement overview for Covid-19 supplies as of 31 December

Total procurement
- Total procurement: 920,028
- Quantity: 765,317
- Value: $160,028

Total procurement by category
- **BIO**
  - Quantity: 64K
  - Value: $310K
- **DIA**
  - Quantity: 220K
  - Value: $220K
- **PPE**
  - Quantity: 850K
  - Value: $236K

Top five products procured by value per category
- **BIO**
  - Ventilator: $160K
  - Monitor: $94K
  - Oxygen conc.: $40K
  - Pulse oximeter: $18K
  - Thermo infrared: $6K

**DIA**
- Extraction kit: $70K
- Test (Manual PCR): $55K
- Sample collection kit: $51K
- Test (Automated PCR): $41K
- Reaction kit: $3K

**PPE**
- Mask 3 plies: $176K
- Gown: $150K
- Respirator: $11K
- Glove exam: $10K
- Faceshield: $10K
Eritrea CSCS Procurement overview for Covid-19 supplies as of 31 December

**Total procurement**
- **Quantity**: 691,760
- **Value**: $1,469,273

**Total procurement by category**
- **BIO**: Quantity 1K, Value $1,062K
- **DIA**: Quantity 16K, Value $116K
- **PPE**: Quantity 675K, Value $292K

**Value by buyer and category**
- **BIO**:
  - UNDP: $979K
  - WHO*: $231K
  - UNICEF: $216K
  - UNFPA: $71K
- **DIA**:
  - UNICEF: $99K
  - WHO*: $14K
  - UNDP: $139K
- **PPE**:
  - UNICEF: $137K
  - Coverall*: $30K
  - Respirator: $29K
  - Faceshield: $21K
  - Gown: $14K

**Top five products procured by value per category**
- **BIO**:
  - Ventilator: $965K
  - Oxygen concentrator: $87K
  - Pulse oximeter: $8K
  - Thermo infrared: $1K
  - Nasal oxygen cannula
- **DIA**:
  - Test (Automated PCR): $99K
  - Sample collection kit: $14K
  - Test (Manual PCR): $2K
- **PPE**:
  - Mask 3 plies: $139K
  - Coverall*: $30K
  - Respirator: $29K
  - Faceshield: $21K
  - Gown: $14K
Eswatini CSCS Procurement overview for Covid-19 supplies as of 31 December

Total procurement

2,050,188
Quantity
$1,868,598
Value

Total procurement by category

- Quantity
- Value

Value by buyer and category

- BIO
- DIA
- PPE

Eswatini

BIO

- Ventilator: $145K
- Monitor: $107K
- Pulse oximeter: $73K
- HFNC: $61K
- Oxygen conc.: $48K

DIA

- Test (Automated P...): $332K
- Sample collection kit: $319K
- Extraction kit: $55K
- Test (Manual PCR): $150K
- Test (Antigen RDT): $150K

PPE

- Respirator: $155K
- Mask 3 plies: $39K
- Gown: $94K
- Glove exam: $74K
- Goggle: $57K

Top five products procured by value per category
### Ethiopia CSCS Procurement overview for Covid-19 supplies as of 31 December

#### Total procurement

<table>
<thead>
<tr>
<th>Total procurement</th>
<th>Quantity</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>28,676,214</td>
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<td>$30,495,032</td>
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#### Total procurement by category

<table>
<thead>
<tr>
<th>Total procurement by category</th>
<th>Quantity</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO</td>
<td>$2,059K</td>
<td>$20,744K</td>
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<tr>
<td>DIA</td>
<td>$7,692K</td>
<td>$27,376K</td>
</tr>
<tr>
<td>PPE</td>
<td>$54K</td>
<td>$1,389K</td>
</tr>
</tbody>
</table>

#### Value by buyer and category

<table>
<thead>
<tr>
<th>Value by buyer and category</th>
<th>BIO</th>
<th>DIA</th>
<th>PPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNICEF</td>
<td>$18,717K</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WHO*</td>
<td></td>
<td>$4,093K</td>
<td>$8,805K</td>
</tr>
<tr>
<td>Global Fund</td>
<td>$861K</td>
<td>$615K</td>
<td>$373K</td>
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<tr>
<td>UNFPA</td>
<td>$527K</td>
<td>$217K</td>
<td>$57K</td>
</tr>
<tr>
<td>UNHCR</td>
<td>$615K</td>
<td>$320K</td>
<td>$125K</td>
</tr>
<tr>
<td>UNDP</td>
<td>$573K</td>
<td>$320K</td>
<td>$125K</td>
</tr>
<tr>
<td>GDF</td>
<td>$527K</td>
<td>$320K</td>
<td>$125K</td>
</tr>
<tr>
<td>CHAI</td>
<td>$57K</td>
<td>$320K</td>
<td>$125K</td>
</tr>
<tr>
<td>UNOPS</td>
<td>$57K</td>
<td>$320K</td>
<td>$125K</td>
</tr>
<tr>
<td>IMC</td>
<td>$31K</td>
<td>$320K</td>
<td>$125K</td>
</tr>
</tbody>
</table>

#### Top five products procured by value per category

<table>
<thead>
<tr>
<th>Top five products procured by value per category</th>
<th>BIO</th>
<th>DIA</th>
<th>PPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxygen concentrator</td>
<td>$1,389K</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ventilator</td>
<td>$1,141K</td>
<td>$320K</td>
<td>$125K</td>
</tr>
<tr>
<td>Monitor</td>
<td>$125K</td>
<td>$320K</td>
<td>$125K</td>
</tr>
<tr>
<td>Thermo infrared</td>
<td>$65K</td>
<td>$320K</td>
<td>$125K</td>
</tr>
<tr>
<td>Flow splitter</td>
<td>$55K</td>
<td>$320K</td>
<td>$125K</td>
</tr>
</tbody>
</table>

#### Test (Automated PCR)                         | $3,035K | $1,099K | $944K |
| Test (Manual PCR)                               | $1,099K | $1,019K | $217K |
| Sample collection kit                           | $1,019K | $217K | $181K |
| Test (Antigen RDT)                              | $181K | | |
| Extraction kit                                  | $181K | | |

#### PPE items procured by value

<table>
<thead>
<tr>
<th>PPE items procured by value</th>
<th>BIO</th>
<th>DIA</th>
<th>PPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gown</td>
<td>$7,274K</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Respirator</td>
<td>$4,908K</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mask 3 plies</td>
<td>$4,501K</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coverall</td>
<td>$930K</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Overall</td>
<td>$930K</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Goggle</td>
<td>$778K</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Gabon CSCS Procurement overview for Covid-19 supplies as of 31 December

Total procurement

Quantity: $5,527,995
Value: $5,384,715

Total procurement by category

- **BIO**
  - Quantity: 402K
  - Value: $213K
  - Value by buyer and category:
    - WHO*: $4,406K
    - UNDP: $2,528K
    - UNICEF: $1,578K

- **DIA**
  - Quantity: 1,001K
  - Value: $662K
  - Value by buyer and category:
    - WHO*: $1,050K
    - UNICEF: $1,041K
    - Global Fund: $304K

- **PPE**
  - Quantity: 402K
  - Value: $2,757K
  - Value by buyer and category:
    - WHO*: $302K
    - UNICEF: $655K
    - UNICEF: $204K
    - Global Fund: $37K

Top five products procured by value per category

- Ventilator: $075K
- Oxygen conc.: $58K
- Monitor: $53K
- Pulse oximeter: $12K
- Thermo infrared: $3K

- Test (Manual PCR): $1,050K
- Extraction kit: $307K
- Sample collection kit: $200K
- Test (Automated PCR): $37K
- Machine (PCR): $22K

- Mask 3 plies: $590K
- Respirator: $568K
- Glove surg: $408K
- Gown: $380K
- Faceshield: $364K
Gambia. The CSCS Procurement overview for Covid-19 supplies as of 31 December

### Total procurement

- **1,783,713**
- **$1,122,252**

### Total procurement by category

- **Value by buyer and category**
  - **BIO**
  - **DIA**
  - **PPE**

- **Gambia, The**

### Top five products procured by value per category

- **BIO**
  - Monitor: $37K
  - Thermo infrared: $19K
  - Oxygen conc.: $15K
  - Pulse oximeter: $10K
  - Venturi mask: $7K

- **DIA**
  - Test (Manual PCR): $195K
  - Test (Automated PCR): $73K
  - Sample collection kit: $55K
  - Extraction kit: $24K
  - Reaction kit: $5K

- **PPE**
  - Mask 3 plies: $224K
  - Faceshield: $257K
  - Respirator: $99K
  - Glove exam: $85K
  - Gown: $6K
Ghana CSCS Procurement overview for Covid-19 supplies as of 31 December

Total procurement

9,500,603

Quantity

$6,596,370

Value

5M

37K

938K

152K

1,739K

9,312K

$3,920K

10M

Oxygen plant

Ventilator

Oxygen conc.

Pulse oximeter

Monitor

Top five products procured by value per category

Value by buyer and category

Test (Automated PCR)

Test (Manual PCR)

Test (Antigen RDT)

Sample collection kit

Extraction kit

PPE

Mask 3 plies

Respirator

Overall

Faceshield

Glove exam

UNICEF

WHO*

UNHCR

UNFPA

Global Fund

GDF

CHAI

UNDP
Guinea CSCS Procurement overview for Covid-19 supplies as of 31 December

Total procurement

- Quantity: 1,819,831
- Value: $3,129,034

Total procurement by category

- BIO: Quantity 100K, Value $198K
- DIA: Quantity 174K, Value $1,972K
- PPE: Quantity 1.645K, Value $959K

Value by buyer and category

- WHO*: $1,664K
- Global Fund: $809K
- UNICEF: $745K
- UNFPA: $396K
- GDF: $209K
- UNDP: $210K

Top five products procured by value per category

- Ventilator: $71K
- Monitor: $61K
- Thermo infrared: $30K
- Oxygen conc.: $13K
- Nasal oxygen cannula: $14K
- Test (Automated PCR): $761K
- Test (Manual PCR): $809K
- Sample collection kit: $130K
- Test (Antigen RDT): $48K
- Extraction kit: $28K
- Gown: $24K
- Coverall*: $210K
- Respirator: $112K
- Mask 3 plies: $102K
- Goggle: $70K
Guinea-Bissau CSCS Procurement overview for Covid-19 supplies as of 31 December

**Total procurement**
- Quantity: 2,039,608
- Value: $1,776,395

**Total procurement by category**
- **BIO**: Quantity 2K, Value $459K
- **DIA**: Quantity 39K, Value $131K
- **PPE**: Quantity 1,998K, Value $1,004K

**Value by buyer and category**
- **BIO**:
  - **UNDP**: $981K
  - **WHO***: $805K
  - **UNICEF**: $654K
  - **Global Fund**: $548K
  - **UNFPA**: $198K

- **DIA**:
  - **Global Fund**: $219K
  - **UNICEF**: $198K
  - **UNDP**: $150K
  - **WHO***: $100K
  - **Global Fund**: $55K

- **PPE**:
  - **Global Fund**: $1,466K
  - **WHO***: $50K
  - **UNICEF**: $395K
  - **UNFPA**: $416K
  - **Respirator**: $337K
  - **Mask 3 plies**: $58K
  - **Faceshield**: $51K
  - **Glove exam**: $34K
  - **Gown**: $29K

**Top five products procured by value per category**
- **BIO**:
  - Ventilator: $295K
  - Monitor: $160K
  - Oxygen conc.: $135K
  - Thermo infrared: $63K
  - Pulse oximeter: $63K

- **DIA**:
  - Test (Automated PCR): $219K
  - Test (Manual PCR): $198K
  - Extraction kit: $150K
  - Sample collection kit: $100K
  - Reaction kit: $55K

- **PPE**:
  - Respirator: $1,466K
  - Mask 3 plies: $58K
  - Faceshield: $51K
  - Glove exam: $34K
  - Gown: $29K
Kenya CSCS Procurement overview for Covid-19 supplies as of 31 December

Total procurement
- Quantity: 5,025,223
- Value: $11,256,177

Value by buyer and category
- BIO
  - Global Fund: $3,422K
  - UNICEF: $3,409K
  - WHO*: $2,708K
  - UNOPS: $1,160K
  - UNHCR: $928K
- DIA
  - CHAI: $1,465K
  - Global Fund: $524K
  - UNICEF: $470K
  - UNHCR: $357K
  - UNOPS: $276K
  - UNDP: $216K
  - UNFPA: $90K
- PPE
  - UNICEF: $891K
  - WHO*: $428K
  - UNHCR: $1,149K
  - CHAI: $314K
  - UNOPS: $310K
  - UNDP: $160K

Top five products procured by value per category
- Ventilator
- Oxygen conc.
- BiPAP
- Pulse oximeter
- Thermo infrared

Importance of specific categories:
- BIO (Biological): Global Fund, UNICEF, WHO*
- DIA (Diagnostic): CHAI, Global Fund, UNICEF, UNHCR
- PPE (Personal Protective Equipment): UNICEF, WHO*, UNHCR

Evaluation:
- Global Fund has a significant role in the procurement of BIO and DIA categories.
- UNICEF and WHO* have a strong presence across all categories.
- CHAI is notably involved in the DIA category.

Implications for future procurements:
- Focus on strengthening partnerships with key organizations like Global Fund and UNICEF.
- Explore new avenues for procurement, especially in the PPE category to meet increasing demands.
- Prioritize the distribution of critical medical supplies like ventilators and oxygen concentrators to ensure availability.

Challenges:
- High demand for medical supplies due to the ongoing pandemic.
- Supply chain disruptions affecting procurement.

Strategies:
- Increase transparency in procurement processes.
- Enhance collaboration with international organizations to secure necessary supplies.
- Invest in local manufacturing capabilities to reduce dependency on imports.

Conclusion:
The procurement overview demonstrates the comprehensive efforts made to address the Covid-19 pandemic in Kenya. Continuous monitoring and strategic planning are essential to adapt to evolving challenges and ensure effective management of pandemic supplies.
Lesotho CSCS Procurement overview for Covid-19 supplies as of 31 December

Total procurement
1,371,871

Total procurement by category

- **Quantity**: 2K, 372K, 998K
- **Value**: $451K, $372K, $621K

Top five products procured by value per category

- **BIO**
  - Ventilator: $116K
  - Oxygen conc.: $36K
  - Monitor: $84K
  - Humidifier: $80K
  - Pulse oximeter: $66K

- **DIA**
  - Test (Antigen RDT): $1.282K
  - Test (Manual PCR): $202K
  - Test (Automated PCR): $90K
  - Sample collection kit: $70K
  - Extraction kit: $35K

- **PPE**
  - Mask 3 plies: $217K
  - Gown: $204K
  - Respirator: $134K
  - Faceshield: $14K
  - Glove exam: $8K

Value by buyer and category

- **Global Fund**: $1.372K
- **WHO***: $536K
- **UNICEF**: $197K
- **UNDP**: $366K
- **UNFPA**: $309K

Lesotho
Mali CSCS Procurement overview for Covid-19 supplies as of 31 December

Total procurement by category
- BIO: $471K, Quantity: 10K
- DIA: $253K, Quantity: 662K
- PPE: $118K, Quantity: 5,021K

Value by buyer and category

Top five products procured by value per category
- Thermo infrared: $475K
- Ventilator: $253K
- Oxygen conc.: $118K
- Monitor: $135K
- Nasal oxygen cannula: $22K

Test (Manual PCR): $1,515K
Test (Automated PCR): $1,315K
Extraction kit: $704K
Sample collection kit: $605K
Test (Antigen RDT): $267K

Mask 3 plies: $343K
Respirator: $922K
Apron protection: $774K
Coverall*: $541K
Glove other*: $383K
Mauritius CSCS Procurement overview for Covid-19 supplies as of 31 December

Total procurement by category:
- BIO: Quantity 1K, Value $400K
- DIA: Quantity 89K, Value $393K
- PPE: Quantity 167K, Value $62K

Top five products procured by value per category:
- BIO: Ventilator ($265K), Pulse oximeter ($132K), Thermo infrared ($215K)
- DIA: Oxygen concentrator ($1K), Monitor ($2K), S8K ($8K)
- PPE: Mask 3 plies ($3K), Gown ($15K), Face shield ($21K)

Value by buyer and category:
- WHO*: BIO $256K, DIA $172K, PPE $140K
- UNDP: BIO $190K, DIA $150K, PPE $100K
- Global Fund: BIO $75K, DIA $10K, PPE $5K

Mauritius
Niger CSCS Procurement overview for Covid-19 supplies as of 31 December

Total procurement

$5,851,390

Quantity

$4,723,339

Value

Total procurement by category

- **Quantity**
- **Value**

- **BIO**
  - Quantity: 166K
  - Value: $1,564K

- **DIA**
  - Quantity: 166K
  - Value: $1,062K

- **PPE**
  - Quantity: 166K
  - Value: $2,098K

Top five products procured by value per category

- **BIO**
  - Ventilator: $1,209K
  - Oxygen conc.: $204K
  - Thermo infrared: $95K
  - Monitor: $26K
  - Nasal oxygen cannula: $23K

- **DIA**
  - Test (Automated P...): $432K
  - Test (Manual P...): $199K
  - Sample collection kit: $168K
  - Extraction kit: $115K
  - Test (Antigen RDT): $39K

Value by buyer and category

- **BIO**
  - UNICEF: $1,784K
  - UNDP: $1,474K
  - WHO*: $1,227K

- **DIA**
  - UNICEF: $1,270K
  - UNDP: $1,301K
  - WHO*: $1,227K

- **PPE**
  - UNICEF: $982K
  - UNDP: $585K
  - WHO*: $636K

**Niger**
Rwanda CSCS Procurement overview for Covid-19 supplies as of 31 December

Total procurement
1,846,006
Quantity:
$2,692,469
Value:

Total procurement by category

- **BIO**
  - Quantity: 15K
  - Value: $210K

- **DIA**
  - Quantity: 237K
  - Value: $1,332K

- **PPE**
  - Quantity: 1,594K
  - Value: $1,150K

Top five products procured by value per category

- **BIO**
  - Monitor: $91K
  - Oxygen conc.: $54K
  - Pulse oximeter: $20K
  - Nasal oxygen cannula: $20K
  - Flow splitter: $5K

- **DIA**
  - Test (Antigen RDT): $653K
  - Test (Automated PCR): $186K
  - Test (Manual PCR): $465K
  - Sample collection kit: $110K
  - Extraction kit: $73K

- **PPE**
  - Resprator: $399K
  - Gown: $47K
  - Mask 3 plies: $224K
  - Goggle: $108K
  - Glove exam: $24K

Value by buyer and category

- **BIO**
  - UNHCR
  - UNICEF
  - CHAI
  - Global Fund
  - UNFPA

- **DIA**
  - UNHCR
  - UNICEF
  - CHAI
  - Global Fund
  - WHO*

- **PPE**
  - UNHCR
  - UNICEF
  - CHAI
  - Global Fund
  - WHO*
Sao Tome And Principe CSCS Procurement overview for Covid-19 supplies as of 31 December

**Total procurement by category**

- **Quantity**
  - BIO: 3K
  - DIA: 10K
  - PPE: 3,416K

- **Value**
  - BIO: $116K
  - DIA: $58K
  - PPE: $932K

**Value by buyer and category**

- **BIO**
  - UNDP
  - UNICEF
  - WHO*
- **DIA**
  - UNDP
  - UNICEF
  - WHO*
- **PPE**
  - UNDP
  - UNICEF
  - WHO*

**Top five products procured by value per category**

- **BIO**
  - Oxygen conc.: $34K
  - Monitor: $35K
  - CPAP: $23K
  - Pulse oximeter: $9K
  - Thermo infrared: $4K

- **DIA**
  - Machine (PCR): $35K
  - Sample collection kit: $10K
  - Reaction kit: $5K
  - Extraction kit: $4K
  - Test (Automated PCR): $2K

- **PPE**
  - Mask 3 plies: $247K
  - Glove exam: $184K
  - Coverall*: $120K
  - Gown: $79K
  - Respirator: $62K
Senegal CSCS Procurement overview for Covid-19 supplies as of 31 December

Total procurement
- Quantity: $2,285,955
- Value: $5,703,949

Total procurement by category
- BIO: Quantity 2M, Value $1.240K
- DIA: Quantity 1M, Value $1.829K
- PPE: Quantity 3M, Value $5.204K

Top five products procured by value per category
- BIO: Ventilator $1.405K, Oxygen conc. $1.192K, Monitor $1.054K, Thermo infrared $1.004K, Pulse oximeter $1.004K

Value by buyer and category

Senegal

BIO
- UNDP: $269K
- UNICEF: $1.016K
- Global Fund: $1.240K
- WHO*: $256K

DIA
- CHAI: $765K
- Global Fund: $773K
- WHO*: $670K
- UNFPA: $40K
- UNHCR: $30K

PPE
- Respirator: $288K
- Coverall*: $302K
- Mask 3 plies: $229K
- Glove other*: $80K
- Facershield: $50K
South Sudan CSCS Procurement overview for Covid-19 supplies as of 31 December

Total procurement
- Total procurement by category:
  - Quantity
  - Value

Value by buyer and category
- BIO
- DIA
- PPE

South Sudan

Top five products procured by value per category:
- Ventilator
- Oxygen concentrator
- Monitor
- Thermoplastic infrared
- Nasal oxygen cannula

BIO
- Test (Automated PCR)
- Sample collection kit
- Test (Manual PCR)
- Extraction kit
- Machine (PCR)

DIA
- IMC
- UNICEF
- UNDP
- UNFPA
- UNHCR

PPE
- Mask 3 plies
- Respirator
- Gown
- Faceshield
- Glove exam
Zambia CSCS Procurement overview for Covid-19 supplies as of 31 December

Total procurement:
- Quantity: 12,811,349
- Value: $9,313,283

Procurement by category:
- BIO
  - Quantity: 6K
  - Value: $867K
- DIA
  - Quantity: 929K
  - Value: $6,112K
- PPE
  - Quantity: 11.881K
  - Value: $2,334K

Top five products procured by value per category:
- Ventilator: $554K
- Oxygen conc.: $341K
- Monitor: $195K
- Humidifier: $176K
- Pulse oximeter: $78K

Value by buyer and category:
- BIO
  - UNICEF: $4,437K
  - Global Fund: $1,964K
  - CHAI: $3,135K
- DIA
  - UNICEF: $3,000K
  - Global Fund: $2,291K
  - CHAI: $2,166K
  - UNFPA: $123K
  - GDF: $486K
  - UNHCR: $50K
- PPE
  - UNICEF: $1,223K
  - Global Fund: $370K
  - CHAI: $138K
  - UNFPA: $224K
  - GDF: $250K
  - UNHCR: $154K
  - WHO*: $116K

Zambia
Zanzibar CSCS Procurement overview for Covid-19 supplies as of 31 December

Top five products procured by value per category

- **BIO**
  - Quantity: 7K
  - Value: $143K

- **DIA**
  - Value: $143K

- **PPE**
  - Value: $143K

Value by buyer and category

- **Zanzibar**
  - WHO*: $200K
  - DIA: $143K
  - Test (Automated PCR): $143K