# Mapping of Wheat-to-Bread Processing Facilities

**Aleppo  March 2021**

**District:** Ain Al Arab  
**Sub-District:** Lower Shyookh

## BAKERIES

### Bakery Status

- **Closed:** 1  
- **Open:** 2

### Reason for Closure

- Low quality of produced bread  
- N/A

### Functionality

- **Full:** 2  
- **Partial:** 0

### Ownership

- **Public:** 0  
- **Private:** 3

## Bread Production

### Type

- **Subsidized Bread:** 100%  
- **Un-Subsidized Bread:** 0%  
- **Free Bread (NGO):** 0%  
- **Other Types of Bread:** 0%

### Price ($)/KG

- **Subsidized Bread:** N/A

### Daily Production

- **Full Daily Capacity:** N/A

### Humanitarian Aid

- Currently receive support used to receive support never received support: 100%

- Rehabilitation: 0%
- Operational Support: 0%
- Flour: 50%
- Yeast: 50%

## Source and Price of Flour

- **Imported Flour ($/MT):** 225-250
- **Price:** 0  
- **Traders Supplied:** 0  
- **Mills Status:** 0  
- **Local Flour ($/MT):** 17-17
- **Silos Status:** 0

## MILLS

### Mills Status

- **Closed:** 0  
- **Open:** 0

### Functionality

- **Full:** 0  
- **Partial:** 0

### Reasons for Limited Functionality

- N/A

### Ownership

- **Public:** 0  
- **Private:** 0

## Mills Source of Wheat

- **Mills Source of Wheat:** N/A

## SILOS

### Silos Status

- **Closed:** 0  
- **Open:** 0

### Functionality

- **Full:** 0  
- **Partial:** 0

### Ownership

- **Public:** 0  
- **Private:** 0

## Silos Source of Wheat

- **Silos Source of Wheat:** 0

## Needed Support for Silos

- **Building Rehabilitation:** 0  
- **Machine Rehabilitation:** 0

### Estimated Cost of Machines and Rehabilitation

- **Cost:** N/A

### Silos Capacity

- **Silos Maximum Storage Capacity:** 0 MT
## Mapping of Wheat-to-Bread Processing Facilities

**Aleppo  March 2021**

### BAKERIES 7

**Bakery Status**
- **Closed**: 0
- **Open**: 7

**Reason for Closure**
- N/A

**Functionality**
- **Full**: 7
- **Partial**: 0

**Ownershi**p
- **Public**: 2
- **Private**: 5

### Bread Production

**Type**
- **Subsidized Bread**: 100%
- **Un-Subsidized Bread**: 0%
- **Free Bread (NGO)**: 0%
- **Other Types of Bread**: 0%

**Price ($)/KG**
- **Subsidized Bread**: 10-10
- **Un-Subsidized Bread**: N/A
- **Free Bread (NGO)**: N/A
- **Other Types of Bread**: N/A

**Daily Production**
- **60 MT**

**Current Productivity**
- **87%**

**Humanitarian Aid**
- **Currently Receive Support**
  - **86%**
  - **0%**
  - **14%**

- **Used to Receive Support**
  - **NGO**: 13%
  - **Self Administration**: 0%
  - **Other**: 0%

**Daily Bread Needs of Total Population**
- **69 MT**

**Daily Bread Needs of Pin Population**
- **14 MT**

**Pin who have access to Public Regular Bread**
- **424%**

### MILLS 1

**Mills Status**
- **Closed**: 0
- **Open**: 1

**Functionality**
- **Full**: 1
- **Partial**: 0

**Reasons for Limited Functionality**
- N/A

**Ownershi**p
- **Public**: 0
- **Private**: 1

### Mills Source of Wheat

**Milling Capacity**
- **Maximum Capacity**: 130 MT
- **Current Capacity**: 100 MT

**Production Functionality**
- **77%**

**Market Actors Supplied by Mills**
- **Bakers Supplied**: 6
- **Traders Supplied**: 0

### MILLS SOURCE OF WHEAT

**LSA**

### SILOS 1

**Silos Status**
- **Closed**: 0
- **Open**: 1

**Functionality**
- **Full**: 1
- **Partial**: 0

**Ownershi**p
- **Public**: 1
- **Private**: 0

### Silos Source of Wheat

**LSA**

### Needed Support for Silos

**Silos Capacity**
- **Silos Maximum Storage Capacity**: 14,000 MT
- **Building Rehabilitation**: 0
- **Machine Rehabilitation**: 0

**Estimated Cost of Machines and Rehabilitation**: $0

### Source and Price of Flour

- **Imported Flour**
  - **$/MT 200-300**
  - **Price**
    - **Trader**: 0
    - **Mill**: 14,000 MT
    - **Self Administration**: 7
    - **NGO**: 0
    - **Other**: 0

- **Local Flour**
  - **100%**
Mapping of Wheat-to-Bread Processing Facilities
Aleppo  March 2021

**BAKERSIES** 5

<table>
<thead>
<tr>
<th>Bakery Status</th>
<th>Open</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maintenance needs</td>
<td>4</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Reason for Closure</th>
<th>N/A</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Functionality</th>
<th>Full</th>
<th>Partial</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>0</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ownershp</th>
<th>Public</th>
<th>Private</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>1</td>
<td>3</td>
</tr>
</tbody>
</table>

**Bread Production**

<table>
<thead>
<tr>
<th>Type</th>
<th>Price ($/KG)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subsidized Bread</td>
<td>75%</td>
</tr>
<tr>
<td>Un-Subsidized Bread</td>
<td>N/A</td>
</tr>
<tr>
<td>Free Bread (NGO)</td>
<td>N/A</td>
</tr>
<tr>
<td>Other Types of Bread</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Daily Production</th>
<th>8 MT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Daily Capacity</td>
<td>29 MT</td>
</tr>
<tr>
<td>Current Productivity</td>
<td>29%</td>
</tr>
</tbody>
</table>

**Humanitarian Aid**

| Currently Receive Support Used to Receive Support Never Received Support |
|-----------------------------|--------------------------|---------------------------|
| NGO | Self Administration | Other |
| 100% | 0% | 0% |

<table>
<thead>
<tr>
<th>Rehabilitation</th>
<th>Operational Support</th>
<th>Flour</th>
<th>Yeast</th>
</tr>
</thead>
<tbody>
<tr>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Daily Bread Needs of Total Population</th>
<th>20 MT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Daily Bread Needs of PIN Population</td>
<td>8 MT</td>
</tr>
<tr>
<td>PIN who have Access to Public Regular Bread</td>
<td>32%</td>
</tr>
</tbody>
</table>

**Source and Price of Flour**

<table>
<thead>
<tr>
<th>Source</th>
<th>Imported Flour</th>
<th>Local Flour</th>
</tr>
</thead>
<tbody>
<tr>
<td>$/MT</td>
<td>$/MT</td>
<td>100%</td>
</tr>
<tr>
<td>0</td>
<td>141-141</td>
<td>0%</td>
</tr>
</tbody>
</table>

**BAKERSIES**

<table>
<thead>
<tr>
<th>Bread</th>
<th>Local Flour</th>
<th>Imported Flour</th>
</tr>
</thead>
<tbody>
<tr>
<td>75%</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>25%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Yeast</th>
<th>Fuel</th>
</tr>
</thead>
<tbody>
<tr>
<td>75%</td>
<td>100%</td>
</tr>
</tbody>
</table>
# Mapping of Wheat-to-Bread Processing Facilities

## Aleppo  
March 2021

### BAKERIES 21

**Bakery Status**
- **Closed**: 5
- **Open**: 16

**Reason for Closure**
- no profitability
- Maintenance needs
- Increasing input prices

**Functionality**
- **Full**: 2
- **Partial**: 14

**Ownership**
- **Public**: 4
- **Private**: 13

### Mills 5

**Mills Status**
- **Closed**: 0
- **Open**: 5

**Functionality**
- **Full**: 4
- **Partial**: 1

**Reasons for Limited Functionality**
- shortages in fuel / electricity

**Ownership**
- **Public**: 0
- **Private**: 4

### Mills Source of Wheat

**LSA, Wheat traders**

### Siilos 1

**Siilos Status**
- **Closed**: 1
- **Open**: 0

**Functionality**
- **Full**: 0
- **Partial**: 0

**Ownership**
- **Public**: 1
- **Private**: 0

### Needed Support for Siilos

**Building Rehabilitation**: 0
**Machine Rehabilitation**: 0
**Estimated Cost of Machines and Rehabilitation**: 0

### Silos Capacity

**Siilos Maximum Storage Capacity**: 0 MT

---

### Bread Production

**Type**
- Subsidized Bread: 75%
- Un-Subsidized Bread: 0%
- Free Bread (NGO): 0%
- Other Types of Bread: 24%

**Price ($/Kg)**
- N/A

**Daily Production**: 95 MT
**Daily Bread Needs of Total Population**: 89 MT
**Daily Bread Needs of PIN Population**: 41 MT

**Siilos Source of Wheat**

**LSA, Wheat traders**

**Imported Flour**

<table>
<thead>
<tr>
<th>Source</th>
<th>$/MT</th>
<th>$/MT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flour</td>
<td>360-360</td>
<td>26-329</td>
</tr>
<tr>
<td>Yeast</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Humanitarian Aid**

**Currently Receive Support Used to Receive Support Never Received Support**
- NGO: 100%
- Self Administration: 0%
- Other: 0%

**Rehabilitation**: 12%
**Operational Support**: 6%
**Flour**: 47%
**Yeast**: 35%

**Source and Price of Flour**

<table>
<thead>
<tr>
<th>Source</th>
<th>Price/MT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Imported Flour</td>
<td>$/MT 360-360</td>
</tr>
<tr>
<td>Local Flour</td>
<td>$/MT 26-329</td>
</tr>
</tbody>
</table>

**Bakery Management**

<table>
<thead>
<tr>
<th>Availability</th>
<th>Bakery Owner</th>
<th>Tenant</th>
<th>Local Council</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bread</td>
<td>11</td>
<td>3</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Local Flour</td>
<td>16</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Imported Flour</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Yeast</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Fuel</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

---

**Reasons for Closure**
- Closed: Bombed and destroyed

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**Market Actors Supplied by Mills**

- **Bakers Supplied**: 21
- **Traders Supplied**: 8

---

**CURRENCY USED**

<table>
<thead>
<tr>
<th><strong>USD</strong> 0%</th>
<th><strong>TL</strong> 0%</th>
<th><strong>SYP</strong> 100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

---

**Price Control (Lab Testing)**

<table>
<thead>
<tr>
<th><strong>Price Control</strong></th>
<th><strong>Current Productivity</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>43%</td>
<td>80%</td>
</tr>
</tbody>
</table>

---

**Total Population PIN**

<table>
<thead>
<tr>
<th>PIN</th>
<th>Total Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>123,105</td>
<td>295,968</td>
</tr>
</tbody>
</table>

---

**Siilos Maximum Storage Capacity**

0 MT

---

**Siilos Source of Wheat**

<table>
<thead>
<tr>
<th>Source</th>
<th>MT</th>
</tr>
</thead>
<tbody>
<tr>
<td>LSA, Wheat traders</td>
<td>0</td>
</tr>
<tr>
<td>NGO, Wheat traders</td>
<td>0</td>
</tr>
<tr>
<td>Self Administration</td>
<td>0</td>
</tr>
<tr>
<td>Other</td>
<td>0</td>
</tr>
</tbody>
</table>
## BAKERIES 21

### Bakery Status
- **Closed**: 8
- **Open**: 13

### Reason for Closure
- Issues with Local Self Administration
- Low availability of inputs (wheat, flour, fuel, and yeast)
- N/A

### Functionality
- **Full**: 6
- **Partial**: 7

### Ownerships
- Public: 3
- Private: 18

### Availability
- Bread: 0% Always Available, 15% Often Available, 15% Fairly Available, 15% Rarely Available, 15% Not Available
- Yeast: 15% Always Available, 15% Often Available, 15% Fairly Available, 15% Rarely Available, 15% Not Available
- Fuel: 15% Always Available, 15% Often Available, 15% Fairly Available, 15% Rarely Available, 15% Not Available
- Local Flour: 15% Always Available, 15% Often Available, 15% Fairly Available, 15% Rarely Available, 15% Not Available
- Imported Flour: 0% Always Available, 0% Often Available, 0% Fairly Available, 0% Rarely Available, 0% Not Available

### Price (S$)/KG
- **Subsidized Bread**: 85% 0% 95-300
- **Un-Subsidized Bread**: 6%
- **Free Bread (NGO)**: 0%
- **Other Types of Bread**: 0%

### Humanitarian Aid
- Currently Receive Support: 8%
- Used to Receive Support: 0%
- Never Received Support: 92%

### Source and Price of Flour
- **Imported Flour**: 0% 25-400 $/MT
- **Local Flour**: 100% 14-400 $/MT

### Reasons for Limited Functionality
- Shortages in fuel / electricity
- Machines are not functional
- High operational costs (raw material, electricity, workers, etc)

### Market Actors Supplied by Mills
- **Bakeries Supplied**: 60
- **Traders Supplied**: 0

### Quality Control (LAB TESTING)
- **Current Productivity**: 72%
### Bakery Management

<table>
<thead>
<tr>
<th>Bakery Owner</th>
<th>Tenant</th>
<th>Local Council</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

### Availability

<table>
<thead>
<tr>
<th>Bread</th>
<th>Local Flour</th>
<th>Imported Flour</th>
</tr>
</thead>
<tbody>
<tr>
<td>0% 40% 60% 0%</td>
<td>0% 20% 80% 0%</td>
<td>0% 0% 0% 0%</td>
</tr>
</tbody>
</table>

### Reason for Closure
- Family fighting/ issues

### Ownership
- Public: 1
- Private: 5

### Functionality
- Full: 5
- Partial: 0

### Humanitarian Aid
- Currently Receive Support: 20%
- Never Received Support: 80%

### Source and Price of Flour
- Local Flour: 100% $300-325/MT
- Imported Flour: 0% $400-450/MT

### Market Actors Supplied by Mills
- Bakeries Supplied: 0
- Traders Supplied: 0

### Mills Status
- Closed: 0
- Open: 4

### Functionality
- Full: 4
- Partial: 0

### Reasons for Limited Functionality
- Increasing cost of rehabilitation & maintenance
- No profitability

### Ownershp
- Public: 0
- Private: 4

### Mills Source of Wheat
- Farmers

### Silos Status
- Closed: 0
- Open: 0

### Functionality
- Full: 0
- Partial: 0

### Ownershp
- Public: 0
- Private: 0

### Needed Support for Silos
- Building Rehabilitation: 0
- Machine Rehabilitation: 0
- Estimated Cost of Machines and Rehabilitation: $0

### Silos Capacity
- Silos Maximum Storage Capacity: 0 MT

### Bread Production

<table>
<thead>
<tr>
<th>Type</th>
<th>Price ($) /KG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subsidized Bread</td>
<td>200-200</td>
</tr>
<tr>
<td>Un-Subsidized Bread</td>
<td>700-700</td>
</tr>
<tr>
<td>Free Bread (NGO)</td>
<td></td>
</tr>
<tr>
<td>Other Types of Bread</td>
<td></td>
</tr>
</tbody>
</table>

### CURRENCY USED
- USD: 0%
- TL: 0%
- SYP: 100%

### Quality Control (LAB TESTING)
- 0%

### Total Population
- 7,300

### PIN Population
- 3,592

### Mapping of Wheat-to-Bread Processing Facilities

**District:** Al-Hasakeh  
**Sub-District:** Ber Al-Hulo Al-Wardeyyeh

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**BAKERIES**

<table>
<thead>
<tr>
<th>Bakery Status</th>
<th>Functionality</th>
<th>Ownership</th>
<th>Reason for Closure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Closed</td>
<td>Full</td>
<td>Public</td>
<td>Family fighting/ issues</td>
</tr>
<tr>
<td>Open</td>
<td></td>
<td>Private</td>
<td></td>
</tr>
</tbody>
</table>

---

**CURRENCY USED**

- USD: 0%
- TL: 0%
- SYP: 100%

---

**QUALITY CONTROL (LAB TESTING)**

- 0%

---

**SILOS**

<table>
<thead>
<tr>
<th>Silos Status</th>
<th>Functionality</th>
<th>Ownership</th>
</tr>
</thead>
<tbody>
<tr>
<td>Closed</td>
<td></td>
<td>Public</td>
</tr>
<tr>
<td>Open</td>
<td>Full</td>
<td>Private</td>
</tr>
</tbody>
</table>

---

**SILOS SOURCE OF WHEAT**

- N/A

---

**MILLS**

<table>
<thead>
<tr>
<th>Mills Status</th>
<th>Functionality</th>
<th>Reason for Closure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Closed</td>
<td>Full</td>
<td>Increasing cost of rehabilitation &amp; maintenance</td>
</tr>
<tr>
<td>Open</td>
<td></td>
<td>No profitability</td>
</tr>
</tbody>
</table>

---

**MILLS SOURCE OF WHEAT**

- Farmers

---

**MILLING CAPACITY**

<table>
<thead>
<tr>
<th>Maximum Capacity</th>
<th>Current Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>19 MT</td>
<td>17 MT</td>
</tr>
</tbody>
</table>

---

**Production Functionality**

- 89%

---

**Market Actors Supplied by Mills**

- Bakeries Supplied: 0
- Traders Supplied: 0

---

**Reason for Closure**

- N/A

---

**MILLS SOURCE OF WHEAT**

- Farmers

---

**SILOS SOURCE OF WHEAT**

- N/A

---

**SILOS CAPACITY**

- 0 MT
### Bakery Management

<table>
<thead>
<tr>
<th>Bakery Status</th>
<th>Reason for Closure</th>
<th>Maintenance needs</th>
<th>Ownership</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Closed 1</td>
<td>Maintenance needs</td>
<td></td>
<td>Public 1</td>
<td>N/A</td>
</tr>
<tr>
<td>Open 2</td>
<td></td>
<td></td>
<td>Private 2</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### Bread Production

<table>
<thead>
<tr>
<th>Type</th>
<th>Price ($) /KG</th>
<th>Daily Production</th>
<th>Full Daily Capacity</th>
<th>Current Productivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subsidized Bread</td>
<td>200-200</td>
<td>5 MT</td>
<td>12 MT</td>
<td>40%</td>
</tr>
<tr>
<td>Un-Subsidized Bread</td>
<td>700-700</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Free Bread (NGO)</td>
<td>0%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Types of Bread</td>
<td>0%</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Humanitarian Aid

<table>
<thead>
<tr>
<th>Currently Receive Support</th>
<th>NGO</th>
<th>Self Administration</th>
<th>Other</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Daily Bread Needs of Total Population</td>
<td>0%</td>
<td>0</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>Daily Bread Needs of Pin Population</td>
<td>0%</td>
<td>0</td>
<td>0</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### Source and Price of Flour

<table>
<thead>
<tr>
<th>Source of Flour</th>
<th>Local Flour</th>
<th>Imported Flour</th>
</tr>
</thead>
<tbody>
<tr>
<td>$/MT</td>
<td>315-315</td>
<td>450-450</td>
</tr>
<tr>
<td>Price Trader</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Silos Capacity</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

### Milling Capacity

<table>
<thead>
<tr>
<th>Milling Status</th>
<th>Maximum Capacity</th>
<th>Current Capacity</th>
<th>Production Functionality</th>
<th>Market Actors Supplied by Mills</th>
</tr>
</thead>
<tbody>
<tr>
<td>Closed 0</td>
<td>0 MT</td>
<td>0 MT</td>
<td>0%</td>
<td>Bakeries Supplied 0</td>
</tr>
</tbody>
</table>

### Silos Status

<table>
<thead>
<tr>
<th>Silos Status</th>
<th>Functionality</th>
<th>Ownership</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Closed 0</td>
<td>Full 0</td>
<td>Public 0</td>
<td>N/A</td>
</tr>
<tr>
<td>Open 0</td>
<td>Partial 0</td>
<td>Private 0</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### Needed Support for Silos

| Estimated Cost of Machines and Rehabilitation | $0 |

### Silos Capacity

<table>
<thead>
<tr>
<th>Silos Capacity</th>
<th>Silos Maximum Storage Capacity</th>
<th>0 MT</th>
</tr>
</thead>
</table>
Mapping of Wheat-to-Bread Processing Facilities
Al-Hasakeh  March 2021

**BAKERIES** 24

- **Bakery Status**
  - Closed: 8
  - Open: 16

- **Reason for Closure**
  - Issues with Local Self Administration
  - No support/subsidies from Syrian Government
  - no profitability

- **Ownership**
  - Public: 0
  - Private: 24

- **Functionality**
  - Full: 1
  - Partial: 15

- **Availability**
  - Bread
    - Always Available: 0%
    - Often Available: 0%
    - Fairly Available: 0%
    - Rarely Available: 0%
    - Not Available: 0%
  - Local Flour
    - Always Available: 0%
    - Often Available: 0%
    - Fairly Available: 0%
    - Rarely Available: 0%
    - Not Available: 0%
  - Yeast
    - Always Available: 0%
    - Often Available: 0%
    - Fairly Available: 0%
    - Rarely Available: 0%
    - Not Available: 0%
  - Fuel
    - Always Available: 0%
    - Often Available: 0%
    - Fairly Available: 0%
    - Rarely Available: 0%
    - Not Available: 0%

**MILLS** 1

- **Milling Capacity**
  - Maximum Capacity: 20 MT
  - Current Capacity: 20 MT

- **Functionality**
  - Full: 1
  - Partial: 0

- **Reasons for Limited Functionality**
  - N/A

- **Ownership**
  - Public: 0
  - Private: 1

- **Market Actors Supplied by Mills**
  - Bakersies Supplied: 0
  - Traders Supplied: 5

**QUALITY CONTROL** 0

- **CURRENCY USED**
  - USD: 0%
  - TL: 0%
  - SYP: 100%

**SILOS** 0

- **Silos Status**
  - Closed: 0
  - Open: 0

- **Functionality**
  - Full: 0
  - Partial: 0

- **Ownership**
  - Public: 0
  - Private: 0

**NEEDED SUPPORT FOR SILOS**

- **Building Rehabilitation**: 0
- **Machine Rehabilitation**: 0
- **Estimated Cost of Machines and Rehabilitation**: $0

**SiLOS SOURCE OF WHEAT**

- **Market Actors Supplied by Mills**
  - Farmers, Wheat traders: 100%

**FARMERS, WHEAT TRADERS**

**MILLS SOURCE OF WHEAT**

- **SiLOS SOURCE OF WHEAT**
  - Local Flour: 100%
  - Imported Flour: 0%

- **Price ($/MT)**
  - Local Flour: 222-250
  - Imported Flour: 0

- **Source and Price of Flour**
  - Current Productivity: 38%

**HUMANITARIAN AID**

- **Currently Receive Support**
  - Full Daily Capacity: 46 MT
  - Partial Daily Capacity: 100%

**CURRENTLY RECEIVE SUPPORT**

- **Daily Bread Needs of Total Population**
  - 9 MT

**DAILY BREAD NEEDS OF PIN POPULATION**

- **Daily Bread Needs of PIN who have Access to Public Regular Bread**
  - 3 MT

**DAILY PRODUCTION**

- **Maximum Capacity**
  - 46 MT

**FULL DAILY CAPACITY**

- **Estimated Cost of Machines and Rehabilitation**
  - $0

**QUALITY CONTROL (LAB TESTING)**

- **CURRENCY USED**
  - USD: 0
  - TL: 0
  - SYP: 100

**QUALITY CONTROL FUNCTIONALITY**

- **Current Productivity**
  - 38%
# Mapping of Wheat-to-Bread Processing Facilities

**Al-Hasakeh**  
**March 2021**

### BAKERIES 3

#### Bakery Status
- **Closed**: 0
- **Open**: 3

#### Reason for Closure
- **N/A**

#### Ownership
- **Public**: 1
- **Private**: 2

#### Bakery Management
- **Bakery Owner**: 2
- **Tenant**: 0
- **Local Council**: 1
- **Other**: 0

#### Availability
- **Bread**: 0% / 0%  
- **Local Flour**: 0% / 67%  
- **Imported Flour**: 0% / 67%  
- **Yeast**: 0% / 0%  
- **Fuel**: 0% / 0%

### MILLS 5

#### Mills Status
- **Closed**: 1
- **Open**: 4

#### Functionality
- **Full**: 1
- **Partial**: 3

#### Reasons for Limited Functionality
- **Shortage of Wheat**: 0%
- **High operational costs (raw material, electricity, workers, etc)**: 0%
- **Shortages in Fuel / Electricity**: 0%

#### Ownershipt
- **Public**: 0
- **Private**: 5

### SILOS 2

#### Silos Status
- **Closed**: 0
- **Open**: 2

#### Functionality
- **Full**: 2
- **Partial**: 0

#### Ownershipt
- **Public**: 2
- **Private**: 0

#### Needed Support for Silos
- **Building Rehabilitation**: 2
- **Machine Rehabilitation**: 2
- **Estimated Cost of Machines and Rehabilitation**: $12,000

#### Silos Capacity
- **Silos Maximum Storage Capacity**: 142,000 MT

### CURRENCY USED
- **USD**: 0%
- **TL**: 0%
- **SYP**: 100%

### QUALITY CONTROL (LAB TESTING)
- **0%

### BREAD PRODUCTION

#### Type
- **Subsidized Bread**: 33%
- **Un-Subsidized Bread**: 0%
- **Free Bread (NGO)**: 0%
- **Other Types of Bread**: 14%

#### Price ($ / KG)
- **Subsidized Bread**: 120-700
- **Un-Subsidized Bread**: 100-1000
- **Free Bread (NGO)**: 750-1000

### HUMANITARIAN AID

#### Currently Receive Support Used to Receive Support Never Received Support
- **NGO**: 0%
- **Self Administration**: 0%
- **Other**: 0%

#### Rehabilitation
- **0%**

#### Operational Support
- **Flour**: 0%
- **Yeast**: 0%

#### Daily Bread Needs of Total Population
- **20 MT**

#### Daily Bread Needs of PIN Population
- **29 MT**

#### Pin who have Access to Public Regular Bread
- **44%**

### ORGANIZATIONS

- **Farmers**: 0%
- **LSA, Wheat traders**: 0%
- **NGO**: 0%
- **Self Administration**: 0%
- **Other**: 0%

### SOURCES OF WHEAT

#### Farmers
- **Farmers**: 100%

### MAPPING OF WHEAT-TO-BREAD PROCESSING FACILITIES

**SUB-DISTRICT**: Amuda  
**DISTRICT**: Quamishli

### TOTAL POPULATION
- **46,689**  
- **PIN**: 6,635

###Θ Θ Θ Θ Θ
# Mapping of Wheat-to-Bread Processing Facilities

## Key Figures
- **BAKERIES**: 79
- **MILLS**: 5
- **SILOS**: 6

## Distric: Ar-Raqqa

### Bakery Status
- **Closed**: 24
- **Open**: 55

**Reason for Closure**
- Maintenance needs
- Increasing input prices
- On-going fightings

### Bakery Management
- **Bakery Owner**: 47
- **Tenant**: 2
- **Local Council**: 0
- **Other**: 6

### Availability
- **Bread**
  - **Always Available**: 5%
  - **Often Available**: 20%
  - **Fairly Available**: 20%
  - **Not Available**: 5%

- **Local Flour**
  - **Always Available**: 58%
  - **Often Available**: 15%
  - **Fairly Available**: 15%
  - **Not Available**: 2%

- **Imported Flour**
  - **Always Available**: 69%
  - **Often Available**: 5%
  - **Fairly Available**: 4%
  - **Not Available**: 2%

- **Yeast**
  - **Always Available**: 28%
  - **Often Available**: 4%
  - **Fairly Available**: 2%
  - **Not Available**: 7%

- **Fuel**
  - **Always Available**: 67%
  - **Often Available**: 15%
  - **Fairly Available**: 7%
  - **Not Available**: 2%

### Bread Production
- **Type**
  - **Subsidized Bread**: 78%
  - **Un-Subsidized Bread**: 1%
  - **Free Bread (NGO)**: 1%
  - **Other Types of Bread**: 20%

### Humanitarian Aid
- **Currently Receive Support**
  - **Used to Receive Support**
    - **Never Received Support**: 78%
  - **22%**

### Source and Price of Flour
- **Imported Flour**
  - **Price ($/MT)**
    - **LSA**: 70-460
  - **Local Flour**
    - **Price ($/MT)**
      - **LSA**: 20-460

### Mills Status
- **Closed**: 0
- **Open**: 5

### Milling Capacity
- **Maximum Capacity**: 2,348 MT
- **Current Capacity**: 2,035 MT

### Market Actors Supplied by Mills
- **Bakeries Supplied**: 125
- **Traders Supplied**: 8

### Silos Status
- **Closed**: 2
- **Open**: 4

### Silos Capacity
- **Storage Capacity**: 55,000 MT

### Needed Support for Silos
- **Building Rehabilitation**: 4
- **Machine Rehabilitation**: 4
- **Estimated Cost of Machines and Rehabilitation**: $86,000
Mapping of Wheat-to-Bread Processing Facilities

Ar-Raqqa March 2021

**BAKERIES**

**16**

**Bakery Status**
- Open: 15
- Closed: 1

**Functionality**
- Full: 15
- Partial: 0

**Ownerships**
- Public: 0
- Private: 16

**Reason for Closure**
- Maintenance needs

**Availability**

<table>
<thead>
<tr>
<th>Bread</th>
<th>Local Flour</th>
<th>Imported Flour</th>
</tr>
</thead>
<tbody>
<tr>
<td>83%</td>
<td>66%</td>
<td>80%</td>
</tr>
<tr>
<td>7%</td>
<td>27%</td>
<td>20%</td>
</tr>
<tr>
<td>0%</td>
<td>7%</td>
<td>0%</td>
</tr>
</tbody>
</table>

**Bread Production**

- **Type**
  - Subsidized Bread: 80%
  - Un-Subsidized Bread: 0%
  - Free Bread (NGO): 0%
  - Other Types of Bread: 8%

- **Price ($/KG)**
  - $100-$135

**Humanitarian Aid**

- **Currently Receive Support**
  - 80%

- **Used to Receive Support**
  - 20%

**Source and Price of Flour**

- **Imported Flour**
  - $195-$250

**MILLS**

**3**

**Mills Status**
- Open: 2
- Closed: 1

**Functionality**
- Full: 2
- Partial: 0

**Reasons for Limited Functionality**
- N/A

**Ownerships**
- Public: 1
- Private: 0

**MILLING CAPACITY**

- **Maximum Capacity**
  - 504 MT

- **Current Capacity**
  - 501 MT

- **Production Functionality**
  - 99%

**Market Actors Supplied by Mills**

- **Bakers Supplied**
  - 21

- **Traders Supplied**
  - 14

**SiLOS**

**0**

**SiLOS Source of Wheat**
- Public: 0
- NGO: 0
- Private: 0

**SiLOS Status**
- Closed: 0
- Open: 0

**SiLOS Capacity**
- Storage Capacity: 0 MT
Mapping of Wheat-to-Bread Processing Facilities
Deir-ez-Zor  March 2021

BAKERIES 11

Bakery Status
- Closed 1
- Open 10
Reason for Closure
No support/subsidies
N/A
Ownership
- Public 1
- Private 10

Functionality
- Full 0
- Partial 10

Bread Production
Type
- Subsidized Bread 100%
- Un-Subsidized Bread 0%
- Free Bread (NGO) 0%
- Other Types of Bread 0%

Price ($)/KG
- Subsidized Bread 130-1000
- Un-Subsidized Bread 130-1000

Humanitarian Aid
Currently Receive Support
- 80%
- 20%

Source and Price of Flour
- $/MT
- 240-270

MILLS 12

Mills Status
- Closed 4
- Open 8
Reason for Closure
- high operational costs
- low sales
Ownership
- Public 0
- Private 12

Functionality
- Full 0
- Partial 8

Reasons for Limited Functionality
- shortages in fuel / electricity
- Shortage wheat

Milling Capacity
- Maximum Capacity 89 MT
- Current Capacity 61 MT

Production Functionality
69%

Market Actors Supplied by Mills
- Bakeries Supplied 0
- Traders Supplied 21

SILOS 0

Silos Status
- Closed 0
- Open 0
Ownership
- Public 0
- Private 0

Silos Capacity
- Storage Capacity 0 MT

Source of Wheat
Farmers, LSA, Wheat traders

Building Rehabilitation
0
Machine Rehabilitation
0

Estimated Cost of Machines 
and Rehabilitation
$0

MILLS SOURCE OF WHEAT
- Farmers, LSA, Wheat traders

SiLOS SOURCE OF WHEAT
- 0
### Mapping of Wheat-to-Bread Processing Facilities

**Deir-ez-Zor**  March 2021

#### BAKERIES 16

<table>
<thead>
<tr>
<th>Bakery Status</th>
<th>Functionality</th>
<th>Ownership</th>
<th>Reason for Closure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open</td>
<td>Full</td>
<td>Public</td>
<td>N/A</td>
</tr>
<tr>
<td>Closed</td>
<td>Partial</td>
<td>Private</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Bread Production**

- **Type**
  - Subsidized Bread: 100%
  - Un-Subsidized Bread: 0%
  - Free Bread (NGO): 0%
  - Other Types of Bread: 0%

**Price ($/KG)**

- Subsidized Bread: 120-135
- Un-Subsidized Bread: 1000-1100
- Free Bread (NGO): N/A

**Humanitarian Aid**

- Currently Receive Support Used to Receive Support: 94%
- Never Received Support: 6%

**Source and Price of Flour**

- Imported Flour: $/MT 30-250
- Local Flour: $/MT 29-61

**MILLS 18**

<table>
<thead>
<tr>
<th>Mills Status</th>
<th>Functionality</th>
<th>Reasons for Limited Functionality</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open</td>
<td>Full</td>
<td>High operational costs (raw material, electricity, workers, etc)</td>
</tr>
<tr>
<td>Closed</td>
<td>Partial</td>
<td>Shortages in fuel / electricity</td>
</tr>
</tbody>
</table>

**Milling Capacity**

- Maximum Capacity: 170 MT
- Current Capacity: 122 MT

**SILOS 0**

<table>
<thead>
<tr>
<th>Silos Status</th>
<th>Functionality</th>
<th>Ownershp</th>
<th>Reason for Closure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Closed</td>
<td>Full</td>
<td>Public</td>
<td>N/A</td>
</tr>
<tr>
<td>Open</td>
<td>Partial</td>
<td>Private</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Silos Capacity**

- Storage Capacity: 0 MT

**OTHERS**

- Bakeries Supplied: 0
- Traders Supplied: 29

**Total Population**: 51,189

**Pin who have access to public regular bread**: 117%

---

Detailed mapping of Wheat-to-Bread Processing Facilities in Deir-ez-Zor, March 2021.
Mapping of Wheat-to-Bread Processing Facilities
Deir-ez-Zor  March 2021

### BAKERIES 13

- **Bakery Status**
  - **Open**: 12
  - **Closed**: 1
- **Reason for Closure**: Low availability of flour
- **Functionality**
  - **Full**: 11
  - **Partial**: 1
- **Ownership**
  - **Public**: 1
  - **Private**: 12

### CURRENCY USED

<table>
<thead>
<tr>
<th>USD</th>
<th>TL</th>
<th>SYP</th>
</tr>
</thead>
<tbody>
<tr>
<td>0%</td>
<td>0%</td>
<td>100%</td>
</tr>
</tbody>
</table>

### QUALITY CONTROL (LAB TESTING)

- **0**

### BREAD PRODUCTION

- **Type**
  - **Subsidized Bread**: 100%
  - **Un-Subsidized Bread**: 0%
  - **Free Bread (NGO)**: 0%
  - **Other Types of Bread**: 0%
- **Price ($)/KG**
  - **Subsidized Bread**: 125-1000
  - **Un-Subsidized Bread**: 140-100

### HUMANITARIAN AID

- **Currently Receive Support**
  - **83%**:ongodb
  - **17%**: $\%$
- **Previously Received Support**
  - **50%**: $\%$
  - **50%**: $\%$
  - **50%**: $\%$
  - **50%**: $\%$

### SOURCE AND PRICE OF FLOUR

- **Imported Flour**
  - **Price ($)/MT**
    - **N/A**: $\%$
  - **Local Flour**
    - **Price ($)/MT**
      - **19-265**: $\%$

### MILLS 19

- **Mills Status**
  - **Open**: 16
  - **Closed**: 3
- **Functionality**
  - **Full**: 16
  - **Partial**: 0
- **Reasons for Limited Functionality**
  - N/A
- **Ownership**
  - **Public**: 0
  - **Private**: 19

### MILLING CAPACITY

- **Maximum Capacity**
  - **167 MT**
- **Current Capacity**
  - **154 MT**
- **Production Functionality**
  - **92%**

### MARKET ACTORS SUPPLIED BY MILLS

- **Bakeries Supplied**: 0
- **Traders Supplied**: 70

### SILOS 0

- **Silos Status**
  - **Closed**: 0
  - **Open**: 0
  - **Functionality**
    - **Full**: 0
    - **Partial**: 0
  - **Ownership**
    - **Public**: 0
    - **Private**: 0

### NEEDED SUPPORT FOR SILOS

- **Building Rehabilitation**: $0
- **Machine Rehabilitation**: $0
- **Estimated Cost of Machines and Rehabilitation**: $0

### SILOS SOURCE OF WHEAT

- **0**

### MILL SOURCE OF WHEAT

- **Farmers, Wheat traders**

### MAPPING OF WHEAT-TO-BREAD PROCESSING FACILITIES

- **Deir-ez-Zor**
  - **Basira**

### TOTAL POPULATION

- **42,558**

### PIN

- **30,251**
Mapping of Wheat-to-Bread Processing Facilities
Deir-ez-Zor  March 2021

**BAKERIES 7**

- **Bakery Status**
  - Closed: 2
  - Open: 5

- **Reason for Closure**
  - No support/subsidies: 2

- **Functionality**
  - Full: 4
  - Partial: 1

- **Ownership**
  - Public: 0
  - Private: 7

**Bread Production**

- **Type**
  - Subsidized Bread: 80%
  - Un-Subsidized Bread: 0%

- **Free Bread (NGO): 0%**

- **Other Types of Bread: 3%**

**Humanitarian Aid**

- **Currently Receive Support**
  - Used to Receive Support: 80%

- **Never Received Support**
  - Rehabilitation: 0%

**Source and Price of Flour**

- **20% Imported Flour**
  - $/MT: 310-315

**Silos 2**

- **Silos Status**
  - Closed: 1
  - Open: 1

- **Functionality**
  - Full: 1

- **Ownership**
  - Public: 2

- **Reason for Closure**
  - Bombed and destroyed: 1

**SILOS SOURCE OF WHEAT**

- **LSA**
  - 0

- **Needed Support for Silos**
  - Building Rehabilitation: 0
  - Machine Rehabilitation: 1

- **Estimated Cost of Machines and Rehabilitation: $10,000**

**Mills Source of Wheat**

- **Farmers**

**Mills 2**

- **Mills Status**
  - Closed: 0
  - Open: 2

- **Functionality**
  - Full: 0

- **Reasons for Limited Functionality**
  - Shortage wheat: 1

- **Ownership**
  - Public: 0

- **Reason for Closure**
  - N/A

- **Milling Capacity**
  - Maximum Capacity: 300 MT
  - Current Capacity: 75 MT

- **Production Functionality**
  - 25%

- **Market Actors Supplied by Mills**
  - Bakeries Supplied: 0
  - Traders Supplied: 2