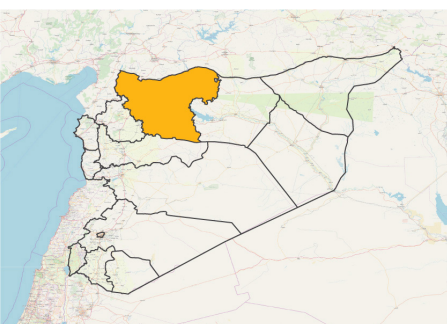


Mapping of Wheat-to-Bread Processing Facilities

Aleppo February 2023



WHOLE OF SYRIA (WoS)
FOOD SECURITY SECTOR
Strengthening Humanitarian Response



TOTAL POPULATION
1638359
PIN
997822

BAKERIES 168

Bakery Status



Reasons for Non-Operation

No Access to Support
Inability to Compete with Supported Bakeries
High Operational Cost

Functionality

● Full 25 (19%)
● Partial 107 (81%)

Ownership

● Public 23 (14%)
● Private 132 (83%)
● Mix 4 (3%)

Bread Production

Daily Production (MT)



Price (TL) /KG

1 - 9
4 - 15
N/A - N/A

Daily Production 453 MT
Full Daily Capacity 1451 MT

Current Productivity



Daily Bread Needs of Total Population 541 MT

Subsidized Bread Availability to PIN

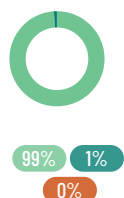


Daily Bread Needs of PIN Population 329 MT

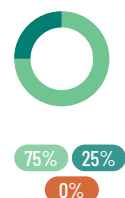
Availability

● Always Available ● Fairly Available ● Not Available

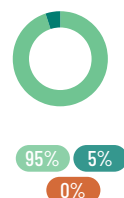
Yeast



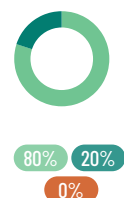
Bread



Fuel



Flour



Support Status

Currently Not Receiving Support 61 (39%)

Currently Receive Support 94 (61%)

Type of Support

Rehabilitation 5%
Operational Support 4%
Flour 80%
Yeast 11%

Source of Support

NGO LC AFAD
1 2 2
1 2 1
21 7 66
8 2 1

Source and Price of Flour

72%

Imported Flour 360-475 \$/MT

28%

Local Flour 340-450 \$/MT

SOURCES

Trader 37% 18%
Mill 0% 8%
LC 2% 0%
NGO 5% 10%
Other 56% 64%



MILLS 12

Mills Status



Reasons for Non-Operation

Wheat Shortage
High Operational Cost
N/A

Functionality

● Full 5 (62%)
● Partial 3 (38%)

Ownership

● Public 7 (58%)
● Private 5 (42%)
● Mix 0 (0%)

Reasons for Limited Functionality

Wheat Shortage
High Operational Cost
Need for Machine Rehabilitation



MILLS SOURCE OF WHEAT

Farmers, Traders, NGOs

Milling Capacity

Maximum Capacity 3250 MT
Current Capacity 2177 MT

Production Functionality 67%

Market Actors Supplied by Mills

Bakeries Supplied 146
Traders Supplied 7



SILOS 5

Silos Status



Functionality

● Full 0 (0%)
● Partial 1 (100%)

Ownership

● Public 5 (100%)
● Private 0 (0%)

Reasons for Non-Operation High Operational Cost, No Access to Support



SILOS SOURCE OF WHEAT Traders

Needed Support for Silos

Building Rehabilitation 0
Machine Rehabilitation 0
Estimated Cost of Machines and Rehabilitation \$0

Silos Capacity

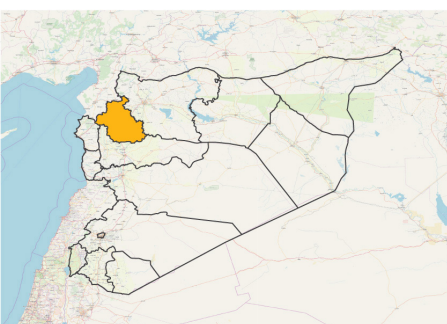
Silos Maximum Storage Capacity 11000 MT

Mapping of Wheat-to-Bread Processing Facilities

Idleb February 2023



WHOLE OF SYRIA (WoS)
FOOD SECURITY SECTOR
Strengthening Humanitarian Response



TOTAL POPULATION 2898497
PIN 2149234

BAKERIES 113

Bakery Status



Reasons for Non-Operation

High Operational Cost
No Access to Support
Inability to Compete with Supported Bakeries

Functionality

● Full 19 (18%)
● Partial 85 (82%)

Ownership

● Public 15 (13%)
● Private 96 (86%)
● Mix 1 (1%)

Bread Production

Daily Production (MT)

Subsidized Bread 145
Unsubsidized Bread 245
Tourist Bread 58
Free Bread (NGO) 27
Others 1

Price (TL) /KG

1 - 7
5 - 10
10 - 10

Average Subsidized Bread Package Weight 877g

Average Unsubsidized Bread Package Weight 719g

Daily Production 477 MT

Full Daily Capacity 1151 MT

Current Productivity



Daily Bread Needs of Total Population 957 MT

Subsidized Bread Availability to PIN

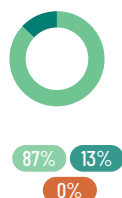


Daily Bread Needs of PIN Population 709 MT

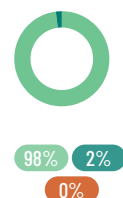
Availability

● Always Available ● Fairly Available ● Not Available

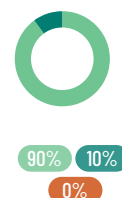
Yeast



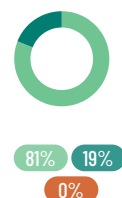
Bread



Fuel



Flour



Support Status

Currently Not Receiving Support 65 (60%)

Currently Receive Support 44 (40%)

Type of Support

Rehabilitation 0%
Operational Support 3%
Flour 56%
Yeast 41%

Source of Support

NGO LC AFAD
0 0 0
1 0 0
43 0 0
32 0 0

Source and Price of Flour

82% Imported Flour 410-500 \$/MT
18% Local Flour 380-480 \$/MT

SOURCES

Trader 81% 34%
Mill 0% 48%
LC 0% 0%
NGO 13% 4%
Other 6% 14%



MILLS 11

11

Mills Status



Reasons for Non-Operation

Need for Machine Rehabilitation
Wheat Shortage
N/A

Functionality

● Full 1 (17%)
● Partial 5 (83%)

Reasons for Limited Functionality

Low Demand in Area
Need for Machine Rehabilitation
Wheat Shortage

Ownership

● Public 3 (27%)
● Private 8 (73%)
● Mix 0 (0%)



MILLS SOURCE OF WHEAT

LC, Farmers, Traders, NGOs

Milling Capacity

Maximum Capacity 2370 MT
Current Capacity 1345 MT

Production Functionality 57%

Market Actors Supplied by Mills

Bakeries Supplied 52
Traders Supplied 38



SILOS 1

1

Silos Status



Functionality

● Full 0 (0%)
● Partial 1 (100%)

Ownership

● Public 1 (100%)
● Private 0 (0%)

Reasons for Non-Operation N/A



SILOS SOURCE OF WHEAT

Farmers

Needed Support for Silos

Building Rehabilitation 1
Machine Rehabilitation 0
Estimated Cost of Machines and Rehabilitation \$ 4000

Silos Capacity

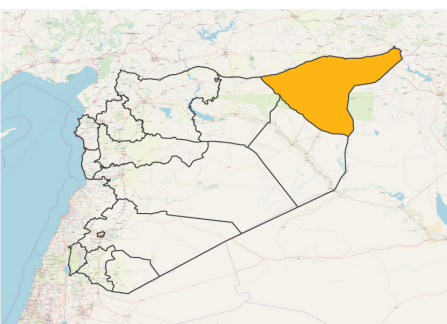
Silos Maximum Storage Capacity 110000 MT

Mapping of Wheat-to-Bread Processing Facilities

Al-Hasakeh February 2023



WHOLE OF SYRIA (WoS)
FOOD SECURITY SECTOR
Strengthening Humanitarian Response



TOTAL POPULATION 62214
PIN 48389

BAKERIES 4

Bakery Status



Reasons for Non-Operation

Displacement Due to War
Need for Building Rehabilitation
Need for Machine Rehabilitation

Functionality

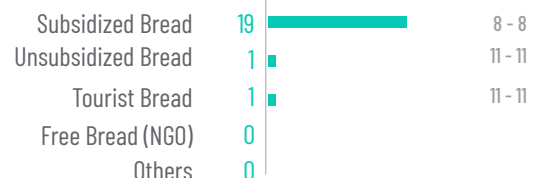
● Full 2 (67%)
● Partial 1 (33%)

Ownership

● Public 1 (25%)
● Private 3 (75%)
● Mix 0 (0%)

Bread Production

Daily Production (MT)



Average Subsidized Bread Package Weight 500g

Average Unsubsidized Bread Package Weight 700g

Daily Production 21 MT

Full Daily Capacity 33 MT

Current Productivity 64%

Daily Bread Needs of Total Population 21 MT

Subsidized Bread Availability to PIN 100%

Daily Bread Needs of PIN Population 16 MT

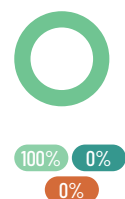
Availability

● Always Available ● Fairly Available ● Not Available

Yeast



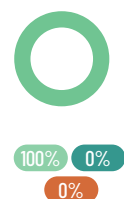
Bread



Fuel



Flour



Support Status

Currently Not Receiving Support 3 (75%)

Currently Receive Support 1 (25%)

Type of Support

Rehabilitation 0%
Operational Support 0%
Flour 100%
Yeast 0%

Source of Support

Source	NGO	LC	AFAD
Rehabilitation	0	0	0
Operational Support	0	0	0
Flour	0	0	1
Yeast	0	0	0

Source and Price of Flour

100% Imported Flour 600-650 \$/MT

0% Local Flour 450-500 \$/MT

SOURCES

Source	Percentage	Local Availability
Trader	67%	0%
Mill	0%	0%
LC	0%	0%
NGO	0%	0%
Other	33%	0%



MILLS 12

12

Mills Status



Reasons for Non-Operation

Fuel/Electricity Shortage
Need for Machine Rehabilitation
Need for Building Rehabilitation

Functionality

● Full 0 (0%)
● Partial 10 (100%)

Reasons for Limited Functionality

Fuel/Electricity Shortage
High Operational Cost
No Financial Liquidity

Ownership

● Public 0 (0%)
● Private 12 (100%)
● Mix 0 (0%)



MILLS SOURCE OF WHEAT

Farmers

Milling Capacity

Maximum Capacity 258 MT
Current Capacity 94 MT

Production Functionality 36%

Market Actors Supplied by Mills

Bakeries Supplied 0
Traders Supplied 0



SILOS 8

8

Silos Status



Functionality

● Full 0 (0%)
● Partial 0 (0%)

Ownership

● Public 8 (100%)
● Private 0 (0%)

Reasons for Non-Operation: High Operational Cost, No Financial Liquidity, Need for Building Rehabilitation



SILOS SOURCE OF WHEAT

N/A

Needed Support for Silos

Building Rehabilitation 0
Machine Rehabilitation 0
Estimated Cost of Machines and Rehabilitation \$0

Silos Capacity

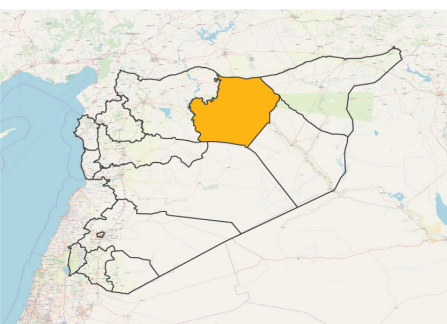
Silos Maximum Storage Capacity 0 MT

Mapping of Wheat-to-Bread Processing Facilities

Ar-Raqqa February 2023



WHOLE OF SYRIA (WoS)
FOOD SECURITY SECTOR
Strengthening Humanitarian Response



TOTAL POPULATION 117237
PIN 70019

BAKERIES 12

Bakery Status



Reasons for Non-Operation

High Operational Cost
No Access to Support
No Financial Liquidity

Functionality

● Full 3 (100%)
● Partial 0 (0%)

Ownership

Public 2 (17%)
Private 10 (83%)
Mix 0 (0%)

Bread Production

Daily Production (MT)

Subsidized Bread 31
Unsubsidized Bread 0
Tourist Bread 0
Free Bread (NGO) 0
Others 0

Price (TL) /KG
6 - 7
N/A - N/A
N/A - N/A

Average Subsidized Bread Package Weight 2375g
Average Unsubsidized Bread Package Weight N/Ag

Daily Production 31 MT
Full Daily Capacity 44 MT
Current Productivity 70%

Daily Bread Needs of Total Population 39 MT
Subsidized Bread Availability to PIN 100%
Daily Bread Needs of PIN Population 23 MT

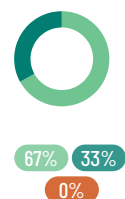
Availability

● Always Available ● Fairly Available ● Not Available

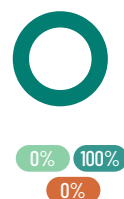
Yeast



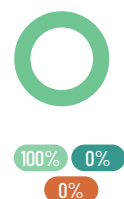
Bread



Fuel



Flour



Support Status

Currently Not Receiving Support 9 (82%)
Currently Receive Support 2 (18%)

Type of Support	Rehabilitation	Operational Support	Flour	Yeast
Source of Support	0%	0%	100%	0%
NGO	0	0	0	0
LC	0	0	0	0
AFAD	0	0	2	0

Source and Price of Flour

100% Imported Flour 580-610 \$/MT
0% Local Flour 485-490 \$/MT

SOURCES

Source	Percentage	Local
Trader	33%	0%
Mill	0%	0%
LC	0%	0%
NGO	0%	0%
Other	67%	0%



MILLS 12

12

Mills Status



Reasons for Non-Operation

Need for Building Rehabilitation
Fuel/Electricity Shortage
High Operational Cost

Functionality

● Full 0 (0%)
● Partial 10 (100%)

Ownership

Public 1 (8%)
Private 11 (92%)
Mix 0 (0%)

Reasons for Limited Functionality

Fuel/Electricity Shortage
Low Demand in Area
High Operational Cost



MILLS SOURCE OF WHEAT

Farmers, Traders

Milling Capacity

Maximum Capacity 618 MT
Current Capacity 219 MT

Production Functionality 35%

Market Actors Supplied by Mills

Bakeries Supplied 6
Traders Supplied 10



SILOS 2

2

Silos Status



Functionality

● Full 0 (0%)
● Partial 0 (0%)

Ownership

Public 2 (100%)
Private 0 (0%)

Reasons for Non-Operation
Bombed and Shelling, Displacement Due to War



SILOS SOURCE OF WHEAT

N/A

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