An-Najah National University

Faculty of Engineering & Information Technology

Urban Planning Department

Graduation Project

Spatial Planning for Health Sector in WB

Submitted To:

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EXECUTIVE SUMMARY

The west bank and the Gaza strip's population is exposed to many suffering regard to health care and health services and its quality and distribution. Therefore, this project dealt with health conditions of our belief that health is a fundamental right which is no different between its importance and any other basic rights. But our vision of the current situation of retirement and its diagnosis constitute a starting point and an incentive for us to work in order to change this current situation to meet and respond to the requirements and the basic rights of the population in the present and future. They considered a study of the most important sectoral studies in the country because of the importance of the health sector. Which the development and progress of this sector reflects the development of the state.

In addition to the large population growth and urban development in the governorates of the country requires a detailed study of the spatial distribution of health services and the ways of its development through put an appropriate policies and strategies. This study is to create a new database can be taken by planners and decision-makers in solving the health problems facing the state.

In this project, health sector plan for WB made, which the project is working to develop an outline for the advancement of the health system in Palestine, both in terms of geographically and in terms of quality of service. Based on the information gathered through field which it will displayed collected this information by using a way that facilitates the analysis in order to make it as a input for the next stage.

After collect the data, data analysis was analyzed the information and data collected in detail in order to identify vulnerabilities and threats in the health sector in terms of geographical distribution of positions , quality of service ,the number of personnel and their capabilities and equipment of various facilities and physical health status .

Then the strengths and opportunities in the health sector were put and will study how to invest these things, and what are the procedures and policies that have been followed in order to reach these good conditions.

During the analysis also everything related to the health sector was evaluated in order to ranking the needs and things are to be resolved based on the priority so everything related to the health sector was evaluated in order to facilitate preparing the outputs to solve these problems.

Then appropriate solutions and the final outputs was developed based on the analysis process and exact description for everything related to the health in order to put the final appropriate solutions to the problems of this sector ,that will be on several forms as an output to solve the physical situation, to solve the geographical distribution problems, to solve problems in terms of staff or lack of various facilities .also there are outputs as a policies and strategies and there are outputs as a plans.

ABBREVIATIONS

HF: health facilities

HS: health services

Community : community without classification

Neighborhood: Neighborhood community

Local: local community

Regional/sub-regional: regional/sub-regional community

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1. INTRODUCTION

1.1 PREFACE

 Planning as a scientific method aims to study all kinds of resources and possibilities available in the country or region, or city or village or institution. And determine how to use these resources in achieving the goals and improve the situation.

 Since the public services is the essential foundation that people depends on for development and progress. They seeks to solve the problems facing society, which is educational, health, recreational, social, and economic. It must be planned and parallel with the urban development of the region to meet the needs of the population.

 It is necessary to conduct a study showing how sectoral planning of public services in a scientific and thoughtful and orderly, and because of the critical importance of health services, which is one of the most important services, communities seek to provide it everywhere in high quality. It must be studied in detail in order to help to solve existing health problems anywhere, which lead to improve the performance of individual in society.

 Therefore, the level of health is improving through put policies and strategies that lead to organize and improve the health service in the region. In addition to the development of detailed plans to solve all the problems and meet all the needs. In addition to re-geographical distribution of the sites of these services so which be closest to population density sites, and to open a new and selected health centers to meet the needs of the population.

1.2 THE IMPORTANCE OF PROJECT

 The west bank and the Gaza strip's population is exposed to many suffering regard to health care and health services and its quality and distribution. Therefore, this project dealt with health conditions of our belief that health is a fundamental right which is no different between its importance and any other basic rights. But our vision of the current situation of retirement and its diagnosis constitute a starting point and an incentive for us to work in order to change this current situation to meet and respond to the requirements and the basic rights of the population in the present and future. They considered a study of the most important sectoral studies in the country because of the importance of the health sector. Which the development and progress of this sector reflects the development of the state.

 In addition to the large population growth and urban development in the governorates of the country requires a detailed study of the spatial distribution of health services and the ways of its

development through put an appropriate policies and strategies. This study is to create a new database can be taken by planners and decision-makers in solving the health problems facing the state.

1.3 OBJECTIVES OF PROJECT

This study seeks to achieve a set of goals

1. To distribute the health services to be accessible to all population in the right time.

2. To make a good plan for health sector that meet the need for all people and community.

3. Make a computerized flexible model which is able to proposed HF in all communities in WB until 2050.

4. To make Good and sustainable health sector

Detailed objectives:

- Redistribution of specialized hospitals in WB governorates.

- The need for second level of HF in all governorates of WB.

- Geographic redistribution for some HF in many areas.

- Providing HF in all west bank areas which population is more than 2000 capita.

1.4 THE PROJECT JUSTIFICATION

1. The vision for health sector according to NSP:

> "Develop a comprehensive and effective system of quality health care that keep up with the best international standards and help the entire population without discrimination of access and use its services" (Health, 2014-2016)

> Objective: Raising the level of public and private health services in quality and quantity (Health, 2014-2016)

1. The vision for health sector according to MOH :

> "An integrated health system that promotes and sustains the highest attainable health status of Palestinians and addresses the key determinants of health in Palestine" (planning, 2015)

> Objective:

> Ensure rights-based comprehensive and integrated health services to all Palestinian citizens (taking into consideration gender, age, Geographical distribution and Palestinian political and socioeconomic situation). (planning, 2015)

2. The large population growth and urban development in the governorates of the country requires a detailed study of the spatial distribution of health services and the ways of its development through put an appropriate policies and strategies
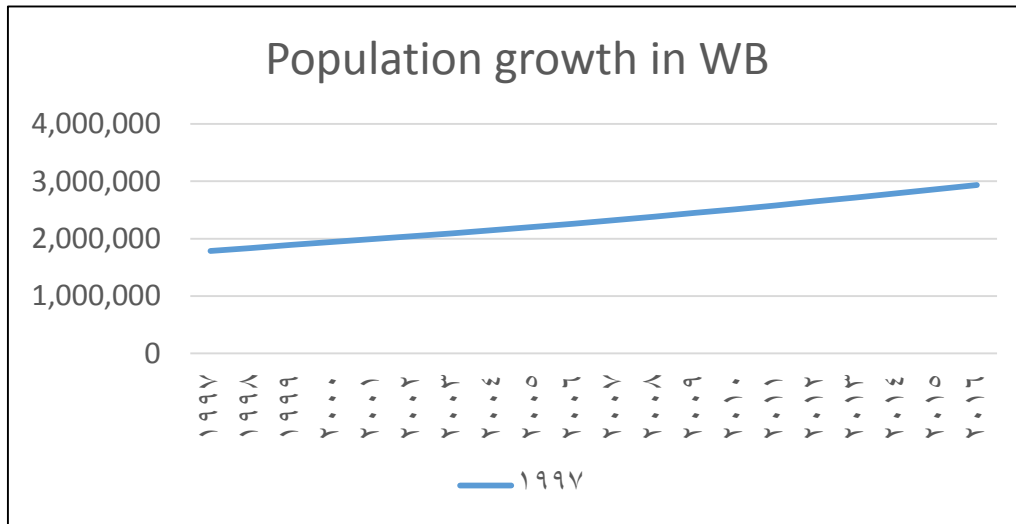
Figure 1: Population growth in west bank
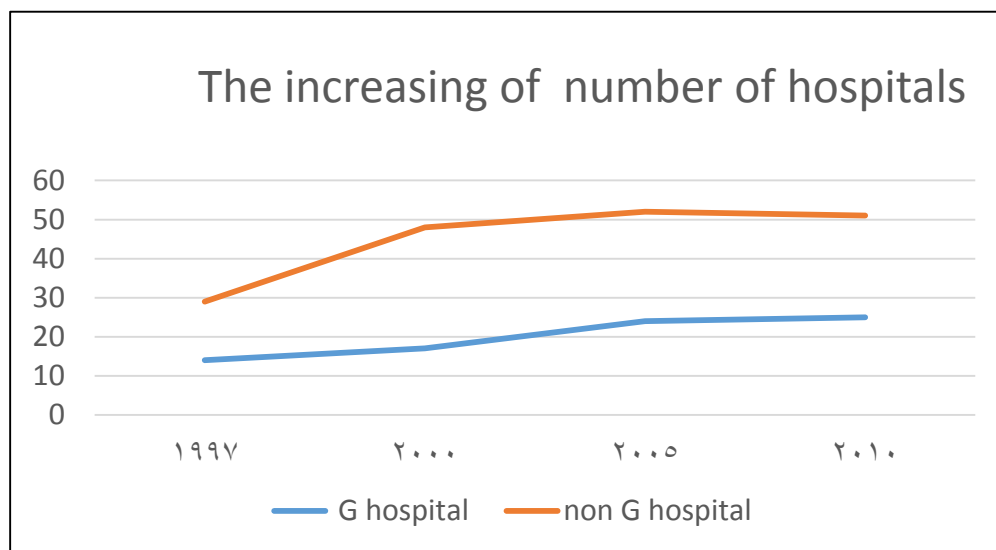
Figure 2: The increasing of numbers of hospitals

These two figures show the population growth in WB between 1997 and 2016 and the increasing of number of hospitals between 1997 and 2010. The population was nearly doubled between 1197 and 2016 but the number of hospitals increased in a way did not fit to the increasing of population.

3. Poor distribution of health service in some areas in the West Bank.
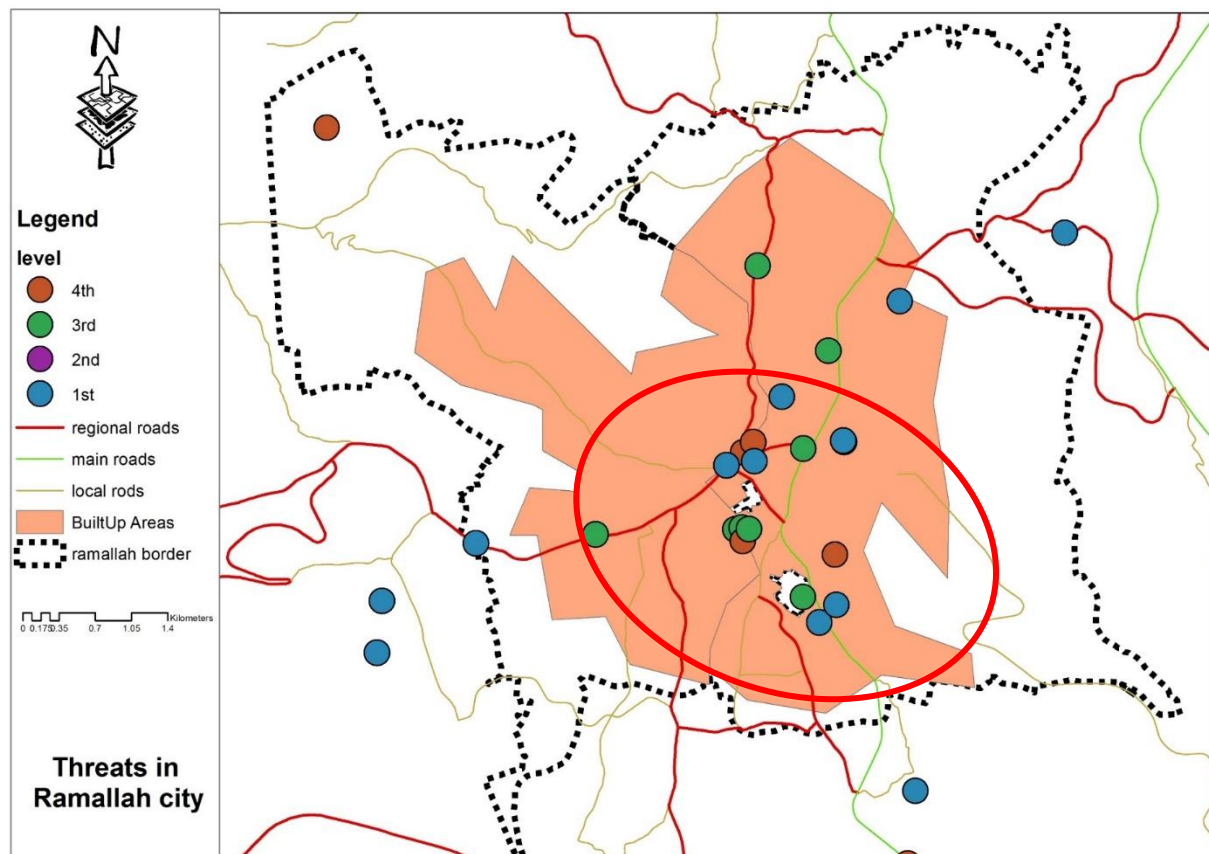
Map 1: Current Distribution of Health facilities in Ramallah City

This map shows the distribution of health facilities in WB and the areas or communities that does not served by the health services.

According to these reasons, the project was made.

The site of study is WB. The population of WB in 2015 is 2.9 million .they contains 11
Governorates, 521 communities
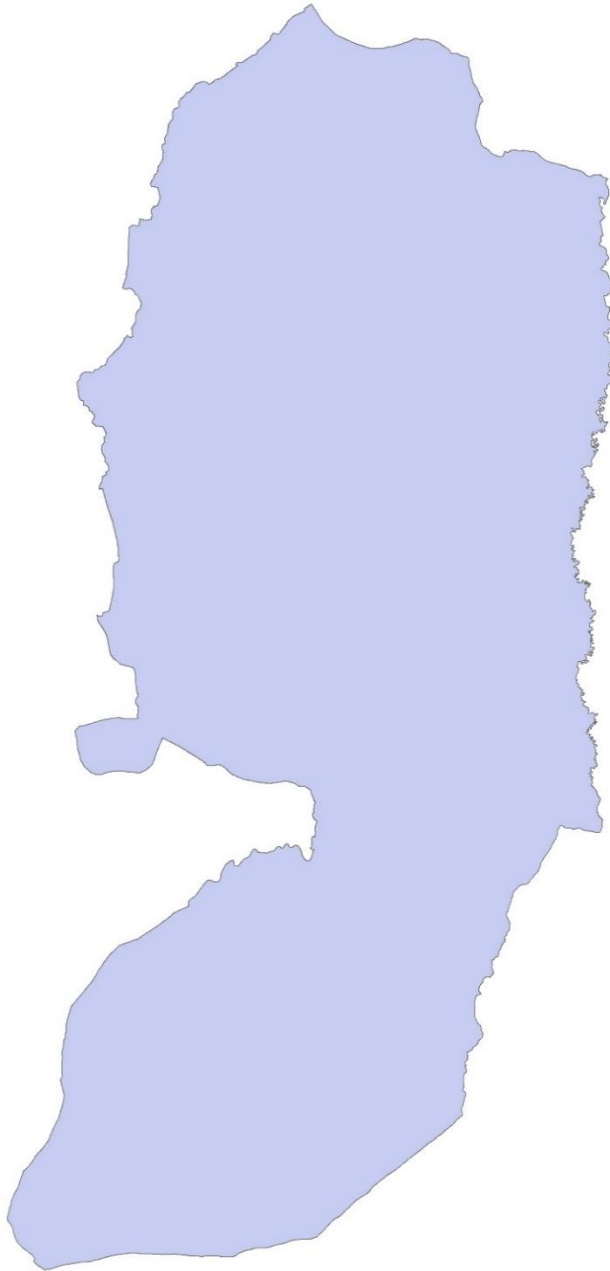
Map٣ : West Bank

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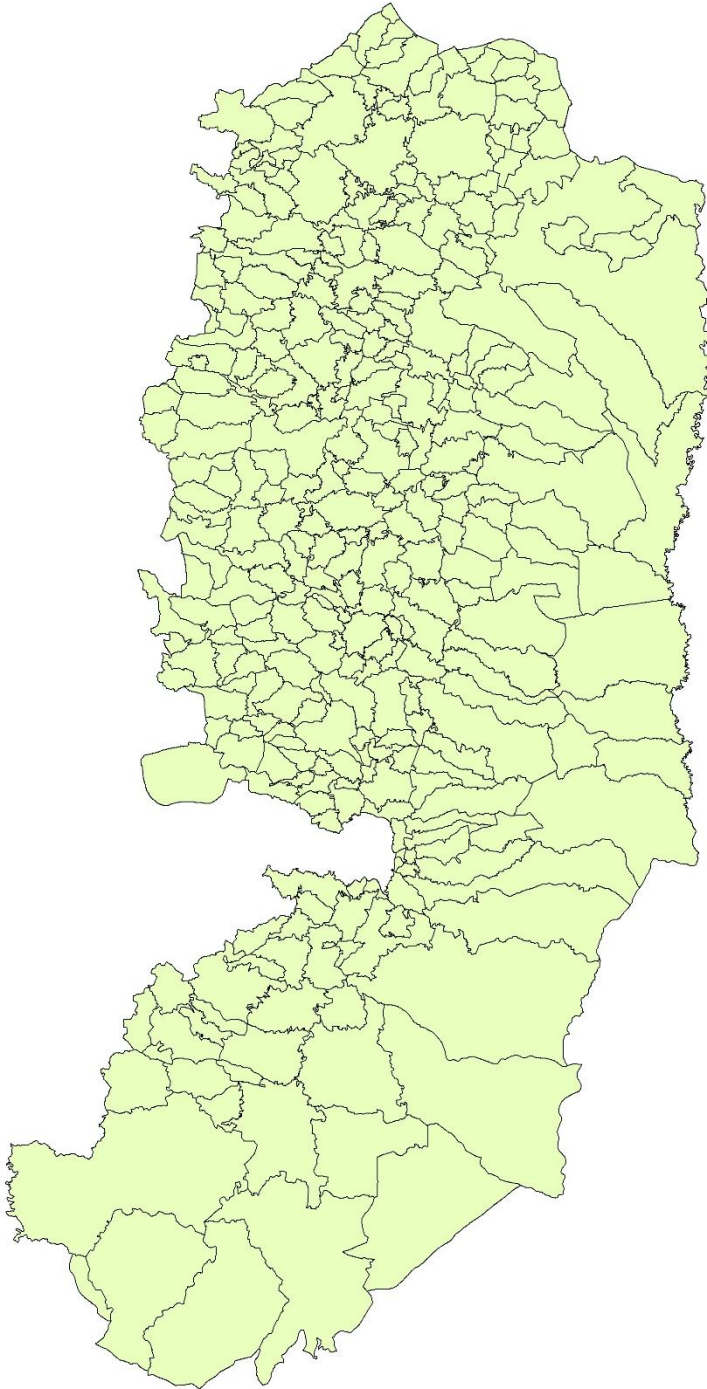
Map٤ : The Community of West BANK
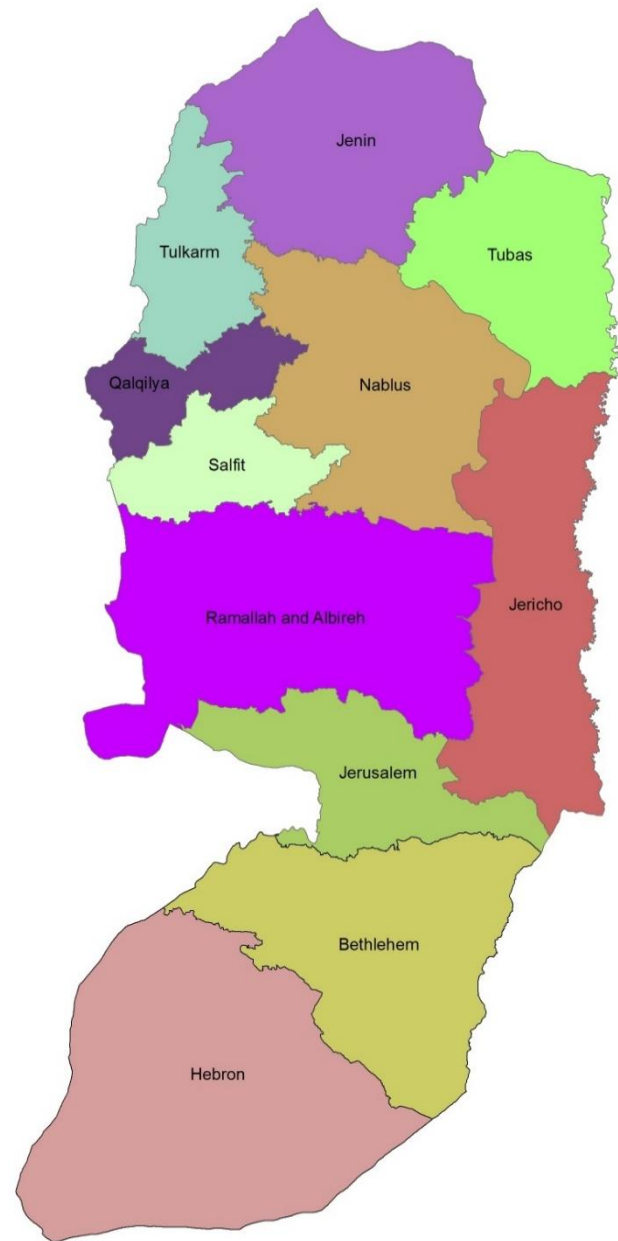
Map٥ : The Governorates of West Bank

These two maps show the governorates and the communities of WB.
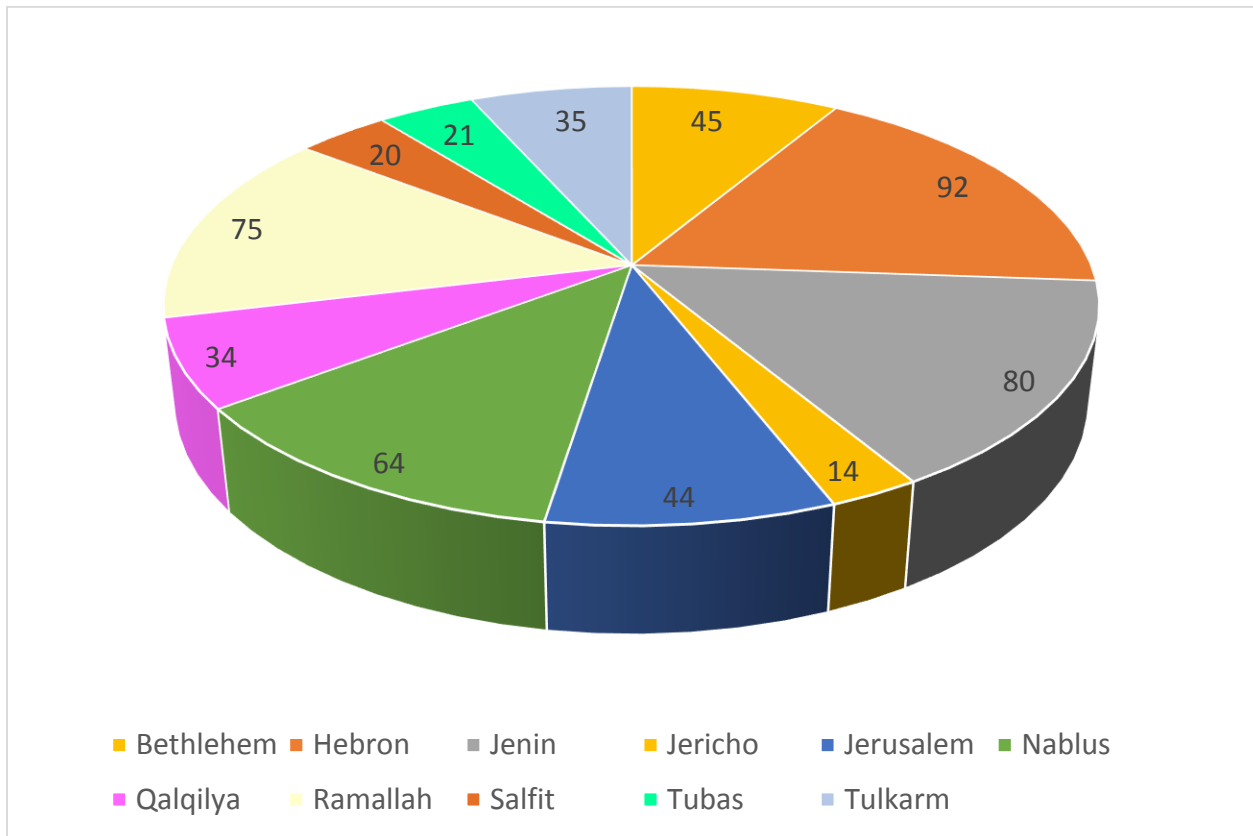
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Figure٣ : The Number of Communities in each Governorate

This figure shows the number of communities in each governorate. From figure we can see Hebron contains the largest number of communities, Jericho has the smallest number of communities.

2. DIAGNOSIS AND NATIONAL ANALYSIS

2.1. SERVICES CENTER AND HIERARCHY IN THE WB

Table 1: Services Center and Hierarchy in the WB

Governorate	Geographical Distribution of Centers by Governorate in the WB			
	Regional Center	Sub-Regional Center	Local Center	Neighborhood Center
Jenin		Jenin	Qabatiye	Silet adh-Dhaher
			Al-Yamun	
			Ya'bad	
			Meithalun	
Tubas		Tubas		Tammun
Tulkarm		Tulkarm	'Attil	'Illar
			'Anabta	Kufr Zibad
				Qaffin
				Baqa ash-sharqiye
Nablus	Nablus		Huwwara	Beita
			Qabalan	'Asire ash-shamaliy
			Aqraba	Beit Furik
			Sabastiya	Tell
Qalqiliya		Qalqiliya	'Azzun	Hajja
Salfit		Salfit	Bidya	Kifl Haris
Ramallah/ al-Bireh	Ramallah/ al-Bireh		Bir Zeit	Deir Dibwan
			Turmus'ayya	Silwad
			Bani Zeid	Arura
				Beit Ura at-Tahta
Jericho		Jericho	Al-Jiftlik	Al-'Oja
Jerusalem		Ar-Ram	Al-'Eizariye	
			Biddu	
Bethlehem		Bethlehem	Beit Sahur	Beit Fajjar
				Za'tara
Hebron	Hebron	Yatta	Halhul	Bani Na'im

		Dura	Adh-Dhahiriye	As-Samu'
				Tarqumya
Total	3	10	21	23

(Planning, 2007)

According to MOP, the WB divided in to four types of service centers. Regional sub regional local and neighborhood. The previous table shows these canters in each governorate and the number of these centers.

According to this classification the health facilities will distributed in the communities of WB due to the need of these communities.
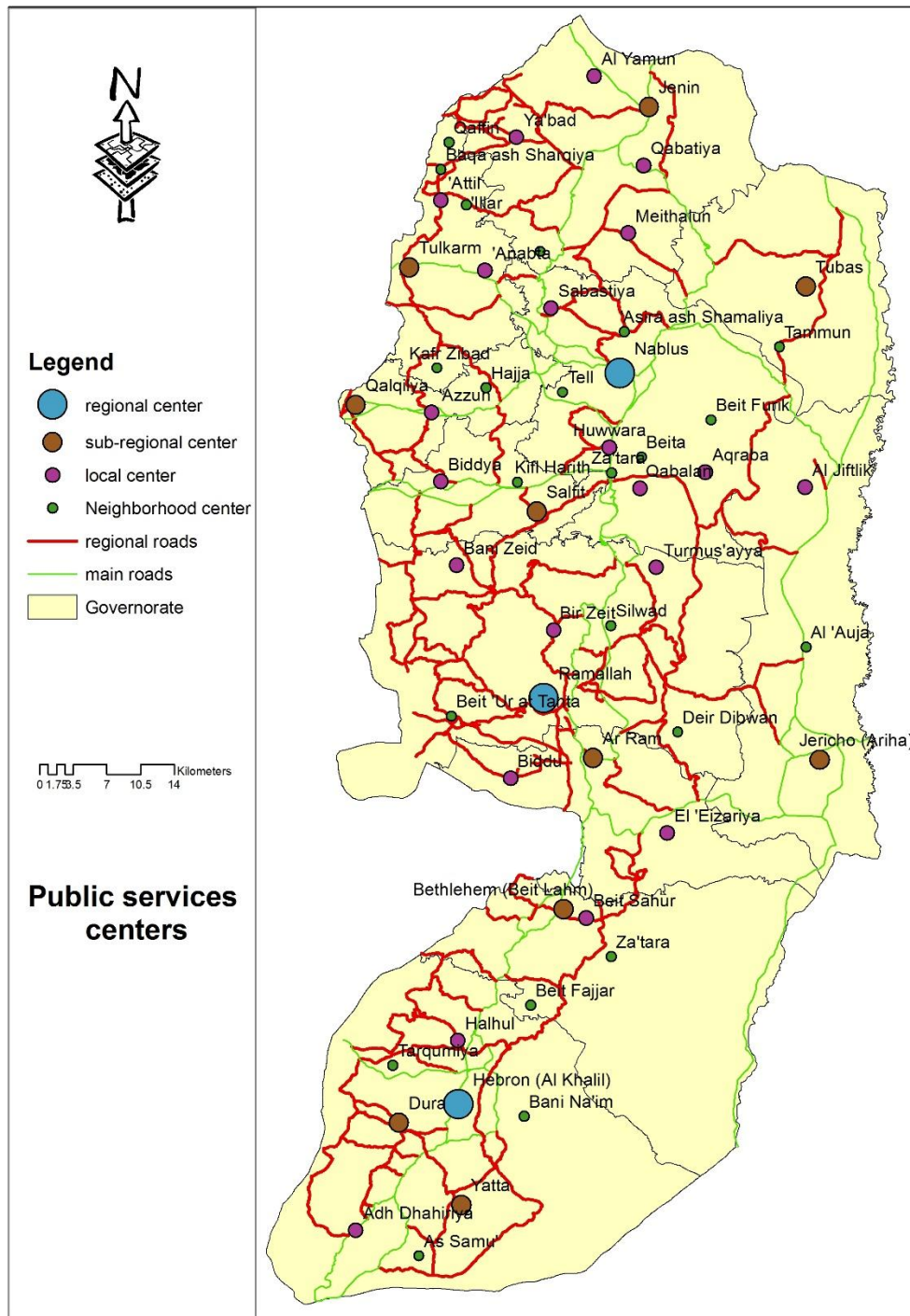
Map٦ : The Distribution of Public Services Centers in WB

This map shows the distribution of public services centers in WB

2.2. LEVELS OF HEALTH SERVICES

2.2.1. LEVEL OF HEALTH SERVICES ACCORDING TO MOP

Table 2: Level of health services according to MOP

Level	Description
level1	health center& health clinic Primary health care
level2	comprehensive health center
level3	General hospital
level4	Specialized hospital

(Planning, 2007)

This table shows the levels of health services in WB according to MOP study .which divided the health services into four levels each level must be in suitable community.

2.2.2. LEVELS OF HEALTH SERVICES ACCORDING TO MOH:

Table 3: Levels of Health services according to MOH

Levels		Description
Primary "Level 1"	primary1	Health points association
	primary2	health clinic
	primary3	health center
	primary4	comprehensive health center
Secondary "level 2"		General hospital
Tertiary "level 3"		Specialized hospital

(Planning, 2007)

This table shows the levels of health services in WB according to MOH .which divided the health services into three levels each level must be in suitable community.

Classification of Primary health care facilities:

Primary health care facilities are classified to four main levels as follow:

<u>Level I:</u>

It is a facility with one health worker or nurse that serves a location of 2000 capita or less and provides on a daily basis the basic preventive services; health education, mother and child health, and first aid, while a general practitioner would visit the facility one or twice a week. (Health, 2014-2016)

<u>Level II:</u>

It is a facility considered to be a "health clinic", where a doctor, nurse and midwife provide different services for a locality of 2001 – 6000 capita. In addition to the basic preventive services, this level also provides curative treatment and some lab tests on a daily basis. (Health, 2014-2016)

<u>Level III:</u>

It is a facility considered to be a "health center" which provides level II services in addition to specialized medical consultation mainly for mother and child for a locality of 6001 – 12000 capita. It also provides laboratory services. (Health, 2014-2016)

<u>Level IV:</u>

It is a "comprehensive health center" which serves more than 12000 capita, and provides more specialized services than those provided in level III. It also provides medical consultation and psychological, dental care and radiology services mainly x –ray and ultrasound (if not present elsewhere in the service area).[1] (Health, 2014-2016)

<u>Level 2 is a General hospital and level 3 is a specialized hospital</u>

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[1] Service area: a circle of which the facility is the centre with half diameter of 5 Km.

2.2.3. HOW TO DEAL WITH TWO CLASSIFICATIONS (MOH & MOP STUDY)

According to previous tables there are two classifications for health facilities the first one according to MOP and the second one according to MOH.

Table 4: MOH classification vs MOP study classification

MOH	MOP
primary1	level1
primary2	
primary3	
primary4	level2
Secondary "level 2"	level3
Tertiary "level 3"	level4

This table shows how to deal with the two classifications of health facilities

2.2.4. MINIMUM LEVELS OF HEALTH SERVICES PROVISION ACCORDING TO CENTERS' HIERARCHY

Table 5-Minimum Levels of Health Services Provision According To Centers' Hierarchy

Level description	Health level	Centers hierarchy			
		Regional center	Sub-regional center	Local center	Neighborhood center
Primary health centers	Health level one	X	X	X	X
Comprehensive health center	Health level tow	X	X	X	
General hospitals	Health level three	X	X		
Specialized hospitals	Health level four	X			

(Planning, 2007)

2.3.1. THE DISTRIBUTION OF 1ST LEVEL OF HF IN WB
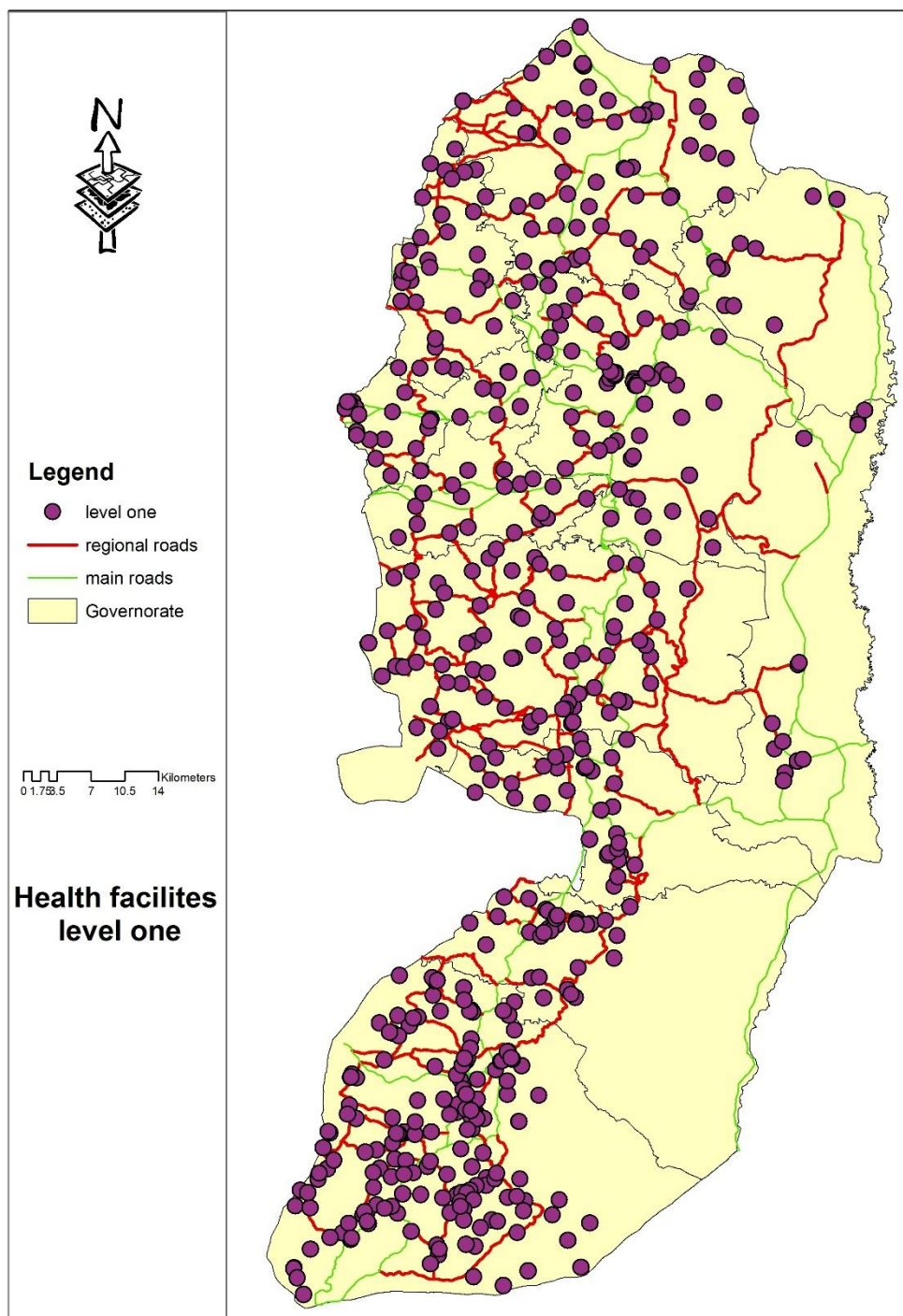
Map 7: Distribution of Health Facilities level one

This map shows the distribution of 1st level of HF in the governorates of WB.
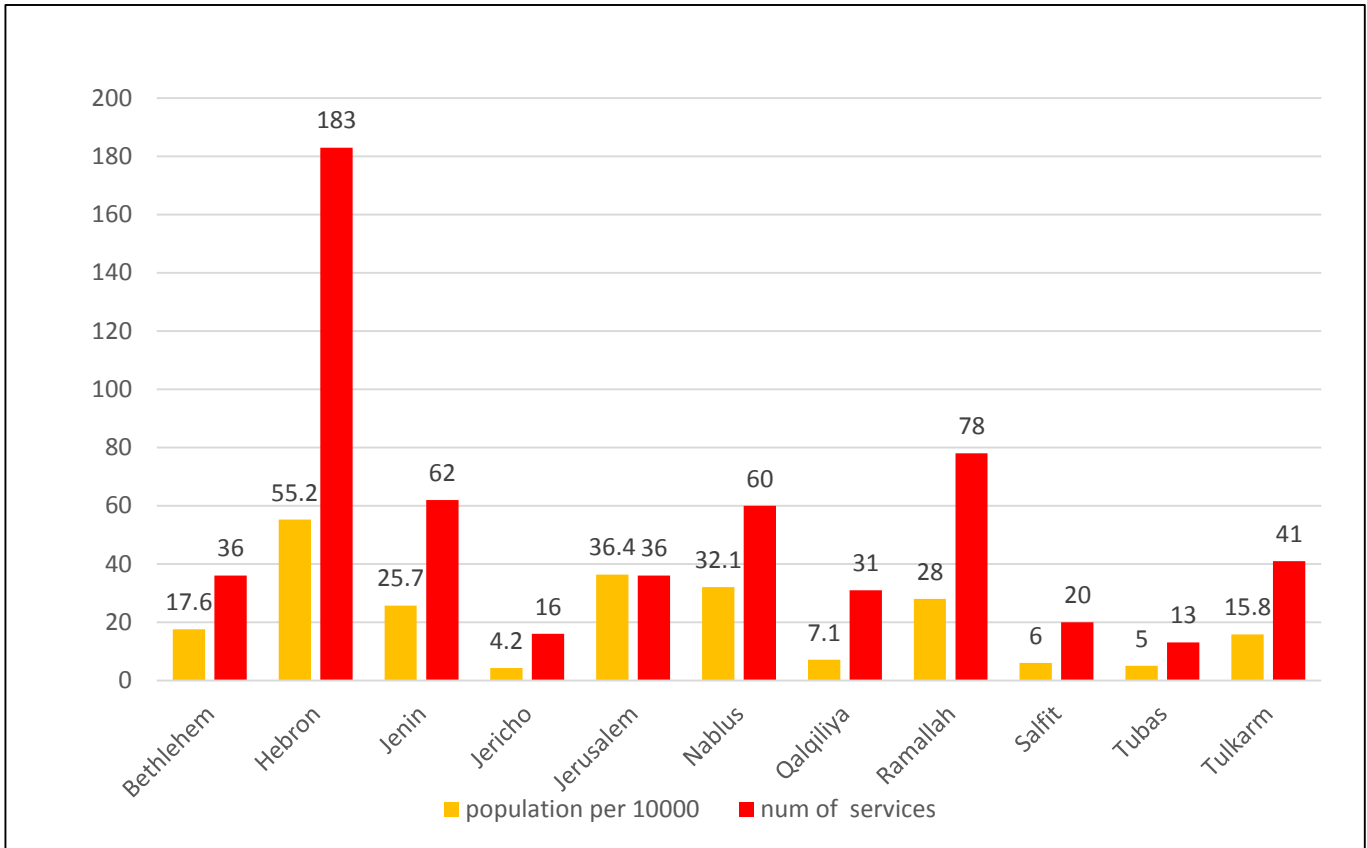
Figure 4: Governorate Population verses the number of first level of HF in each governorate

This figure shows the number of 1st level of HF and the population for each Governorates. From the figure we can see Hebron has the highest number of 1st level of HF and population. And Jericho has a smallest number of 1st level of HF and population.

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Map 8: Distribution of Health Facilities level two

This map shows the distribution of 2ⁿᵈ level of HF in the governorates of WB.
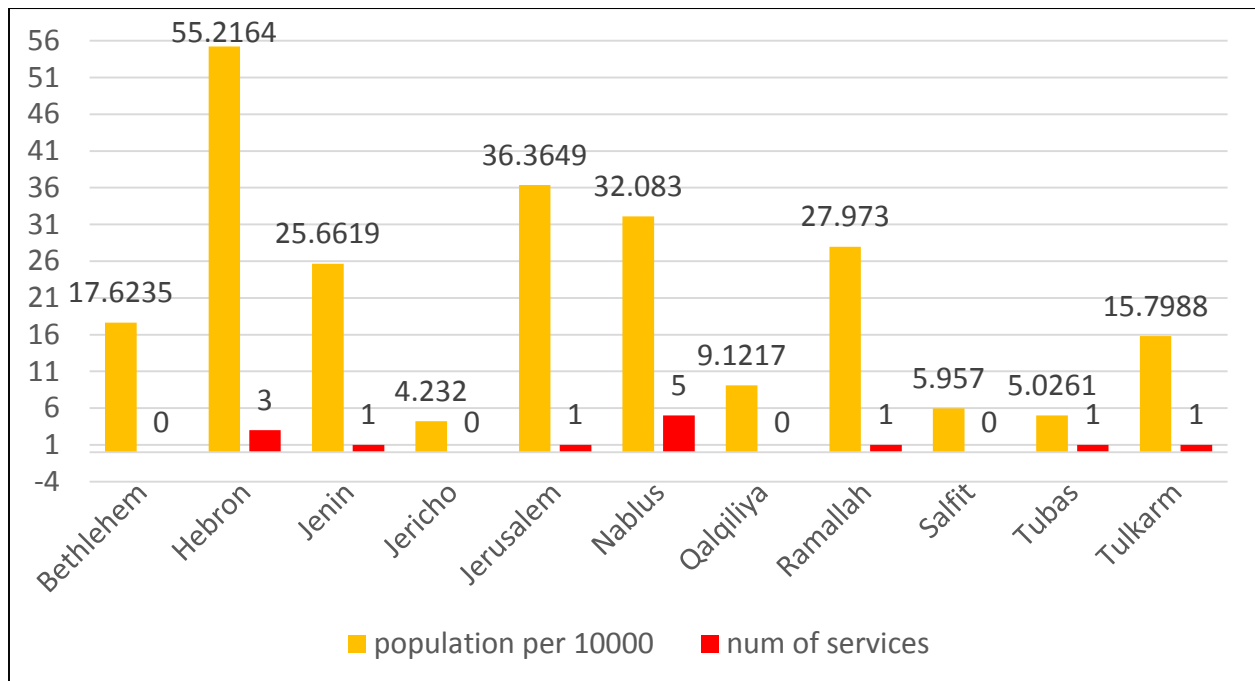
Figure 5: Governorate Population verses the number of Second level of HF in each governorate

This figure shows the number of 2nd level of HF and the population for each Governorates. From the figure we can see Nablus has the highest number of 2nd level of HF. And there are lack of 2nd level of HF in WB. There are 4 Governorates without 2nd level.

2.3.3. THE DISTRIBUTION OF 3ᴿᴰ LEVEL OF HF IN WB
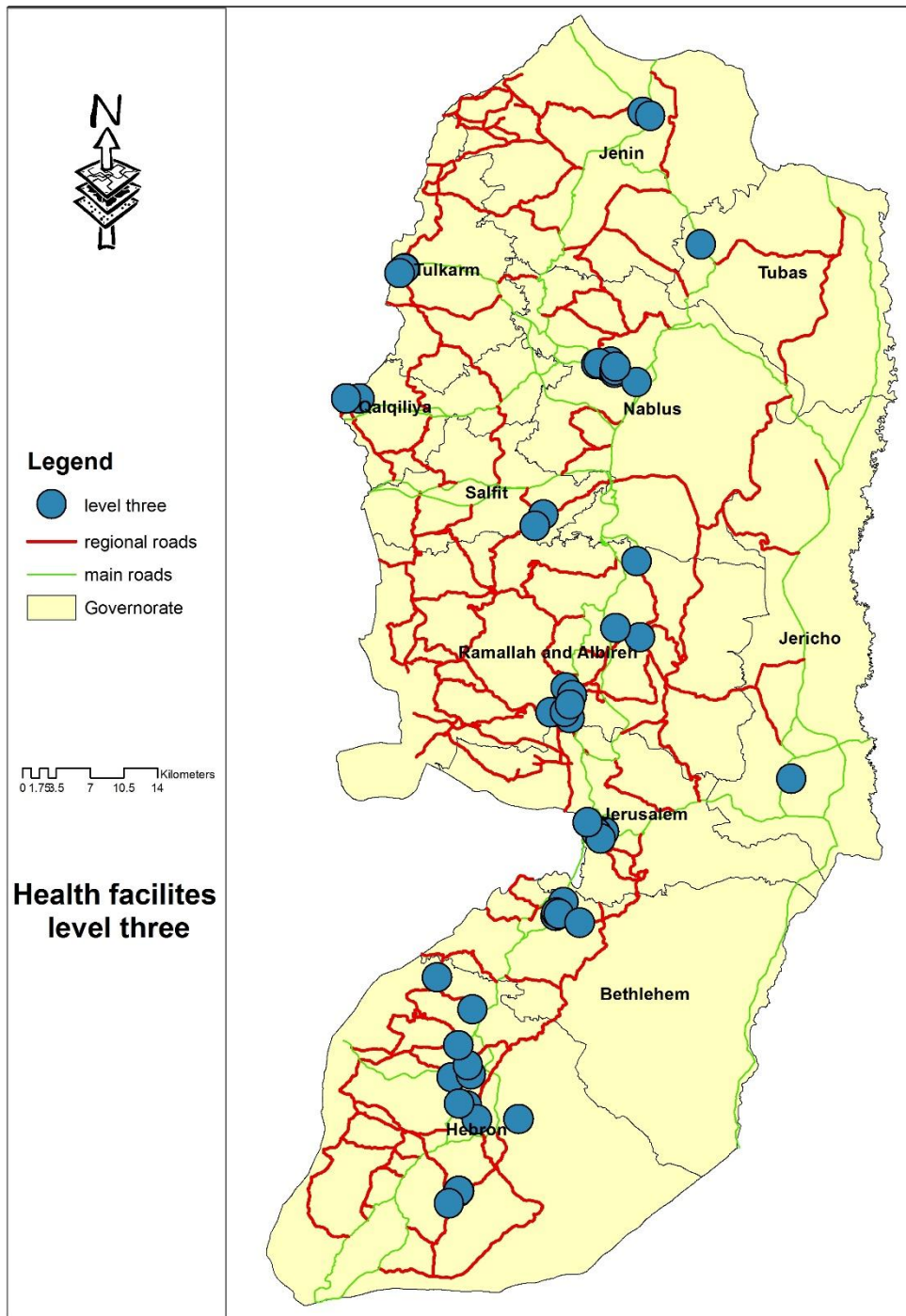
Map 9: Distribution of Health Facilities Level three

This map shows the distribution of 3ʳᵈ level of HF in the governorates of WB.
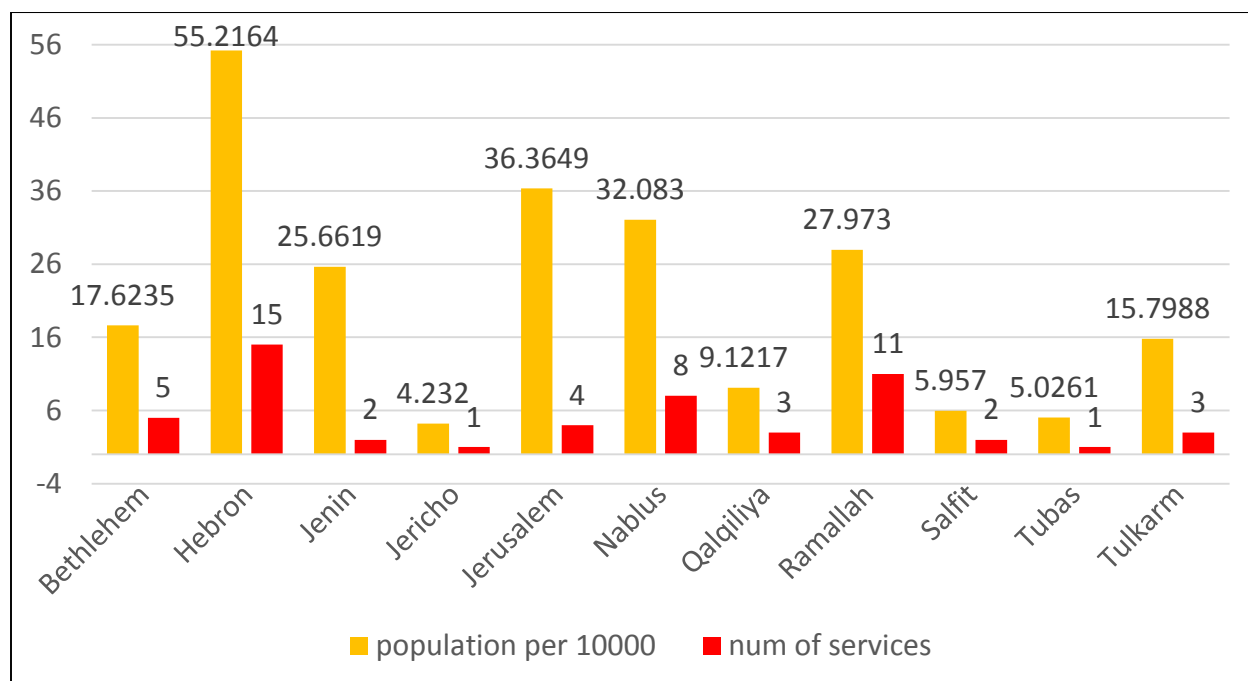
Figure 6: Governorate Population verses the number of third level of HF in each governorate

This figure shows the number of 3rd level of HF and the population for each Governorates. From the figure we can see Hebron has the highest number of 3rd level of HF and population. And Jericho and Tubas has a smallest number of 3rd level of HF and population.
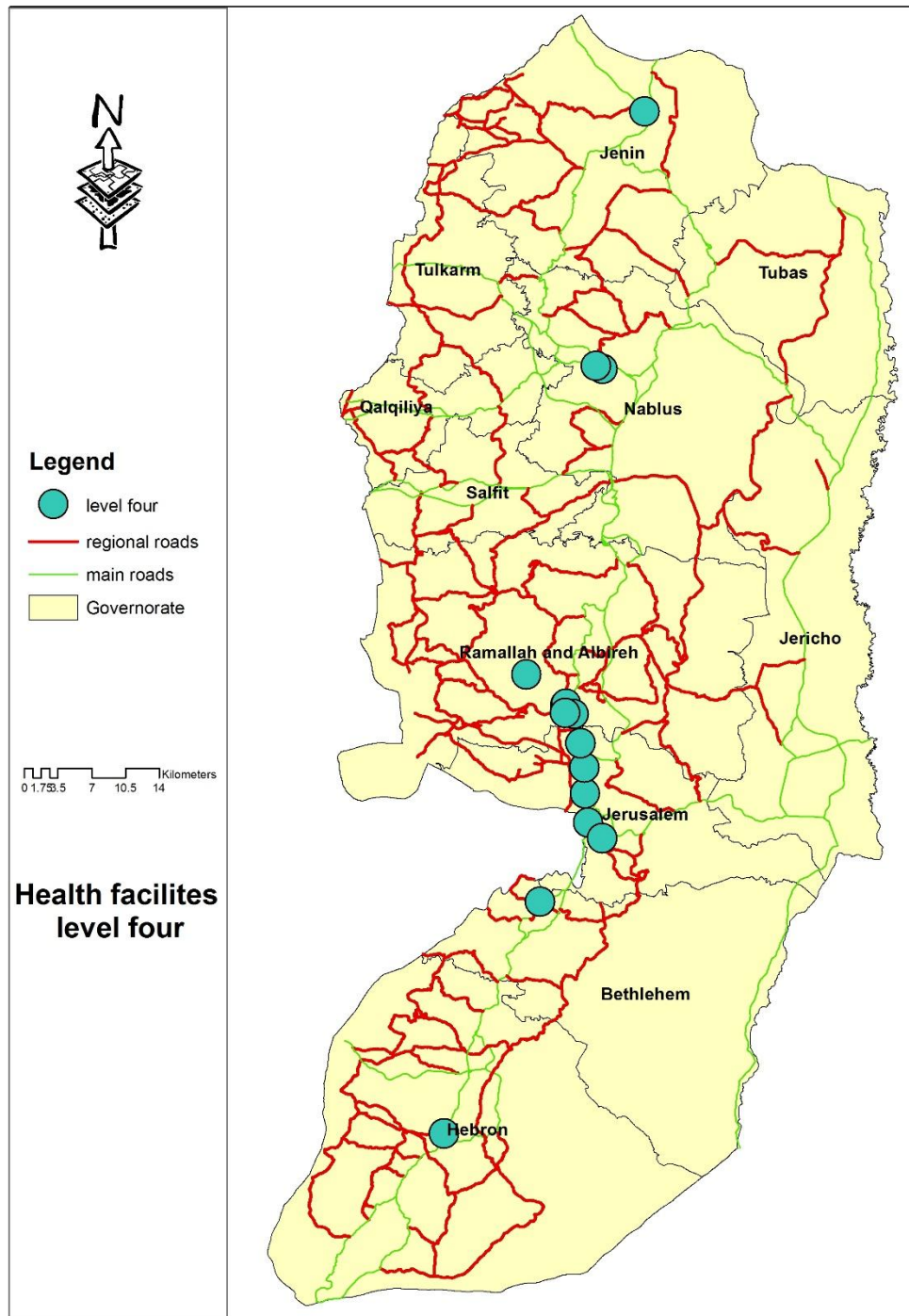
Map 10: Distribution of Health Facilities level Four

This map shows the distribution of 3ʳᵈ level of HF in the governorates of WB.
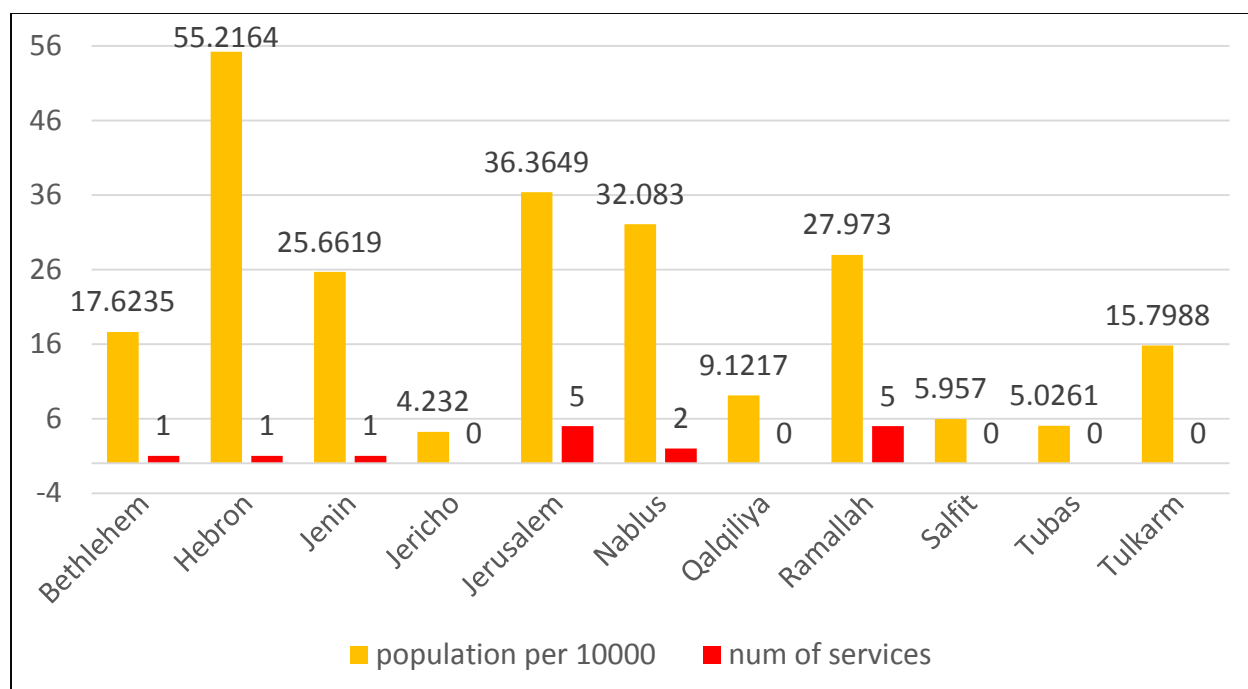
Figure 7: Governorate Population verses the number of forth level of HF in each governorate

This figure shows the number of 4th level of HF and the population for each Governorates. From the figure we can see Jerusalem has the highest number of 4th level of HF. And there are lack of 4th level of HF in WB. There are 5 Governorates without 4th level. From the figure and the map we can see the distribution of 4th level is bad. Because the majority of these services are concentrated in the center of WB.
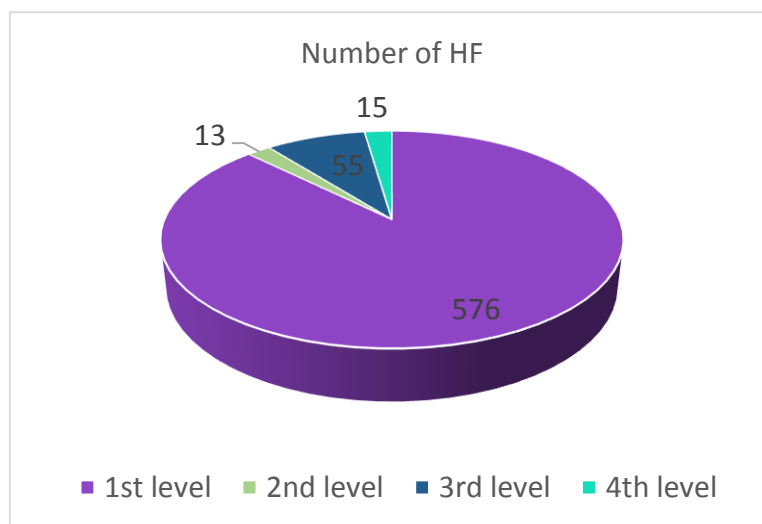
Figure 8: The Number of health facilities

This figure shows the number of all levels of HF in WB

2.4.1. THE DISTRIBUTION OF HF IN REGIONAL LEVEL
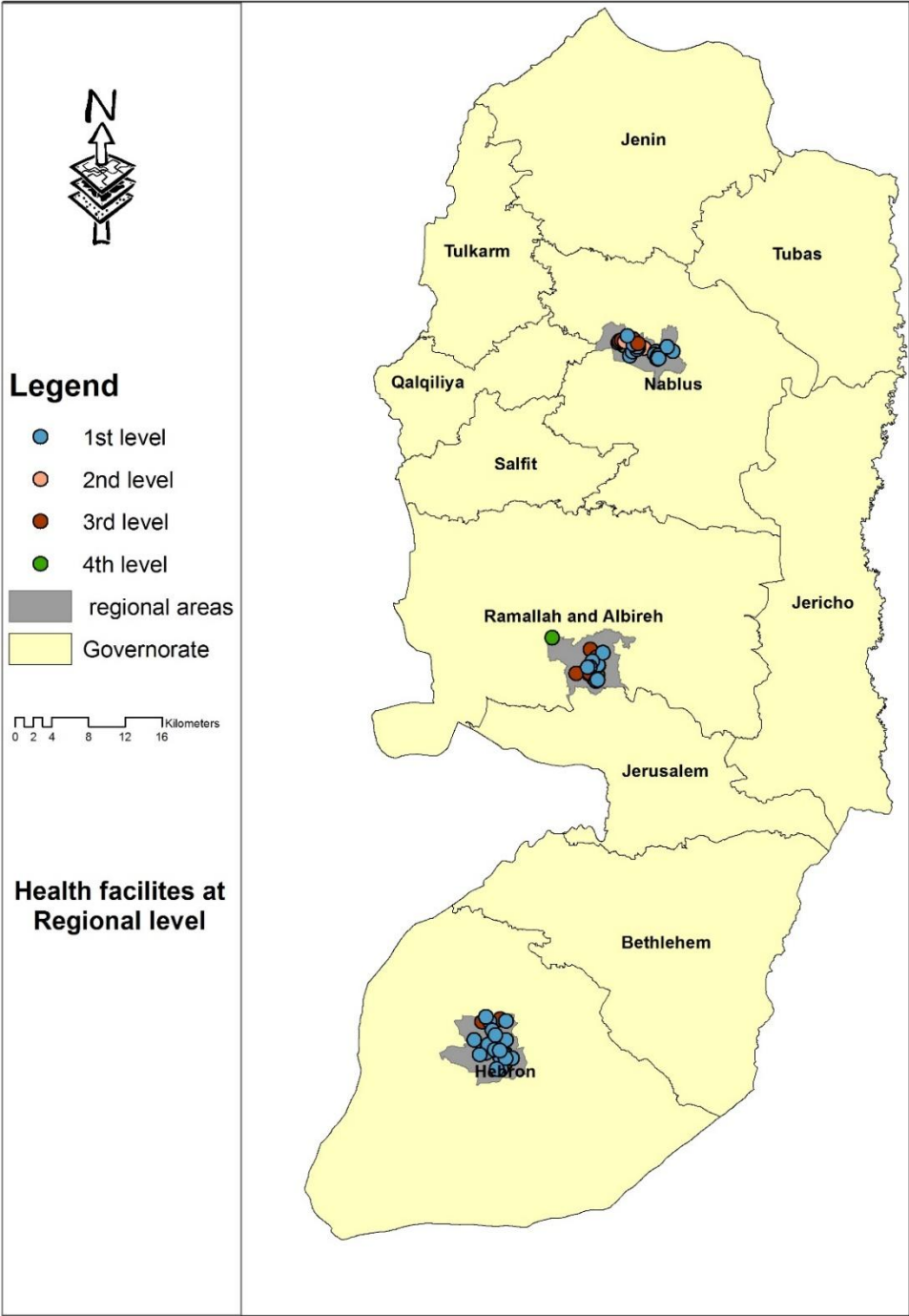
Map 11: Distribution of Health Facilities at Regional Level

This map shows the regional level in WB and the distribution of HF from all levels in these regions.

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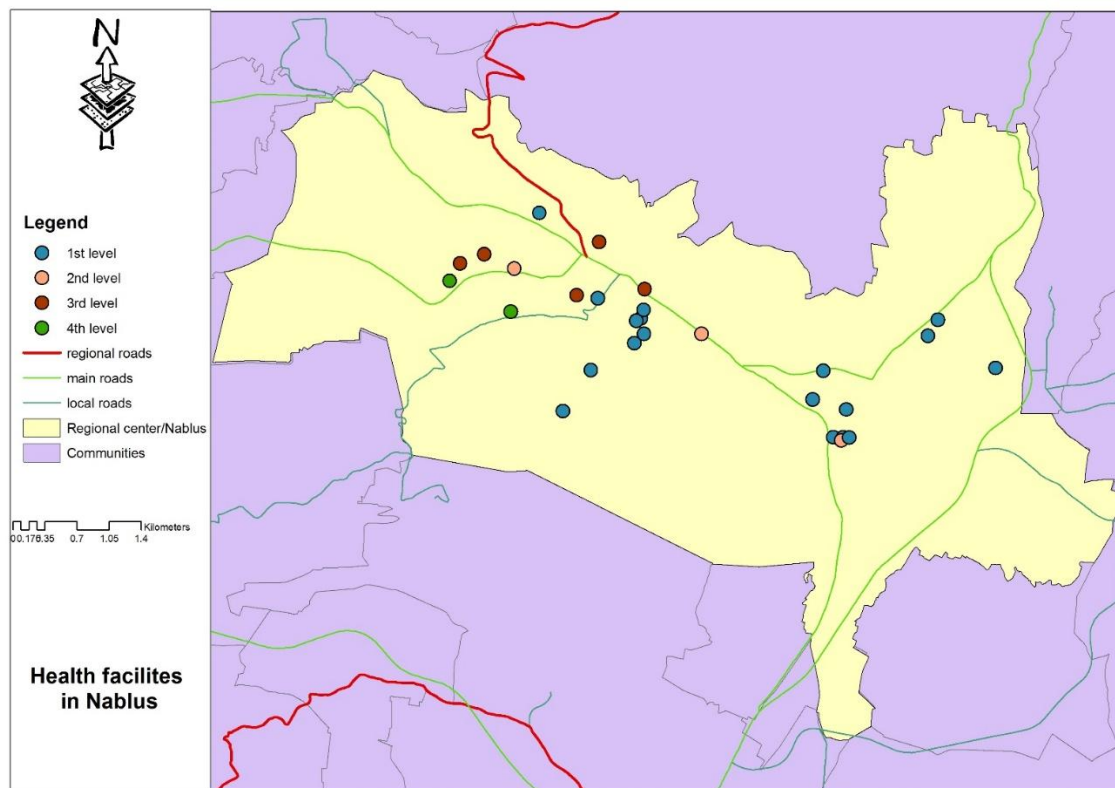
Map 12: Distribution of Health Facilities in Nablus
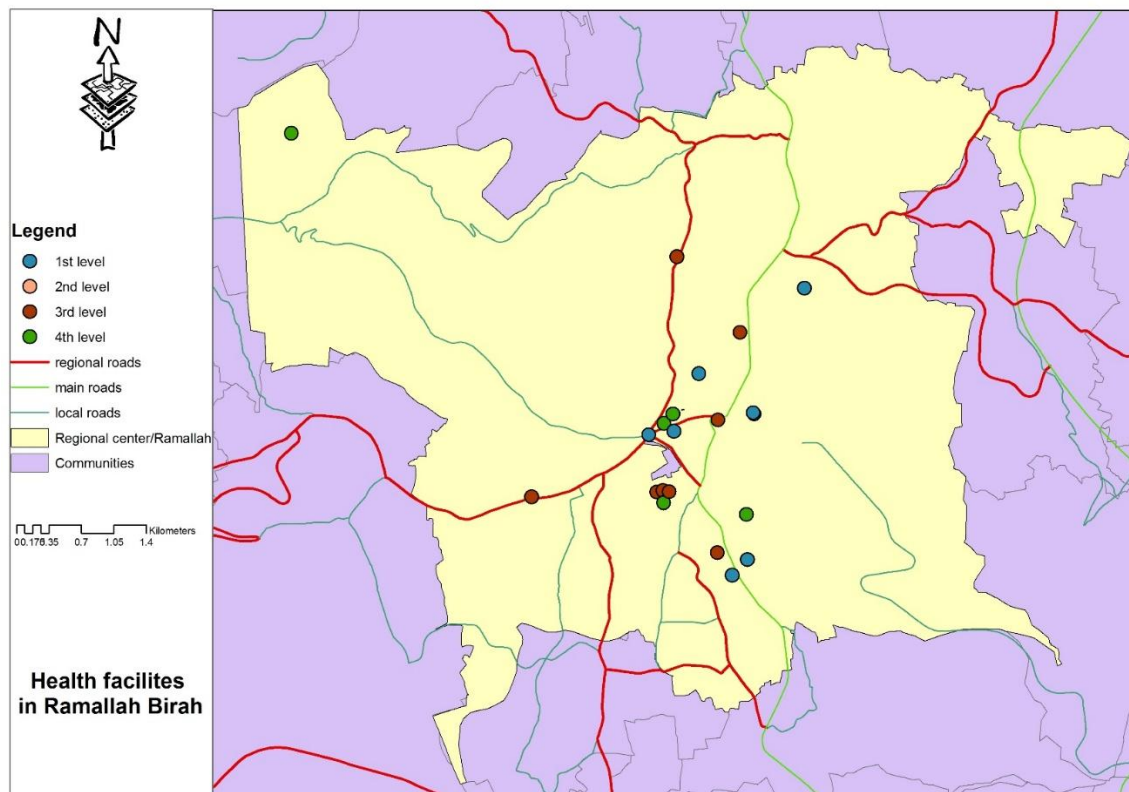
Map 13: Distribution of Health Facilities in Ramallah Birah
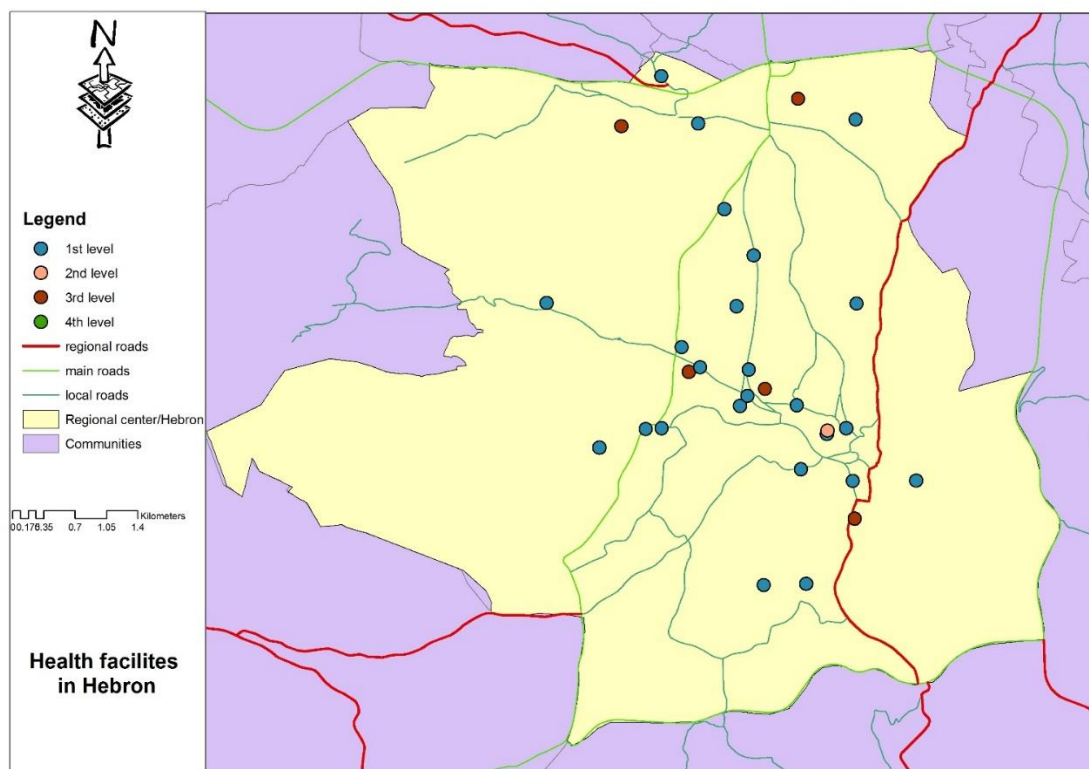
Map 14: Distribution of Health Facilities in hebron

These previous maps show Nablus, Ramallah and Hebron regions and the distribution of HF from all levels in these regions. These maps show the distribution of health service separately in each region.
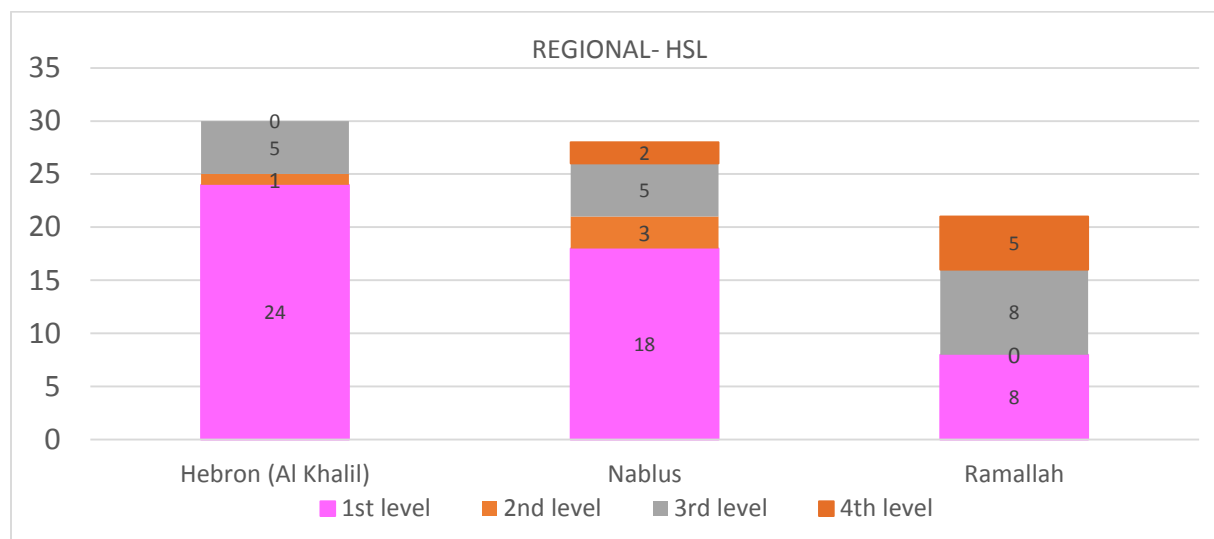
Figure 9: Health Facilities Level in Regional Communities

This figure shows the number of every levels of HF in each region in WB. Form the figure we can see there are lack of services in Ramallah and Hebron.
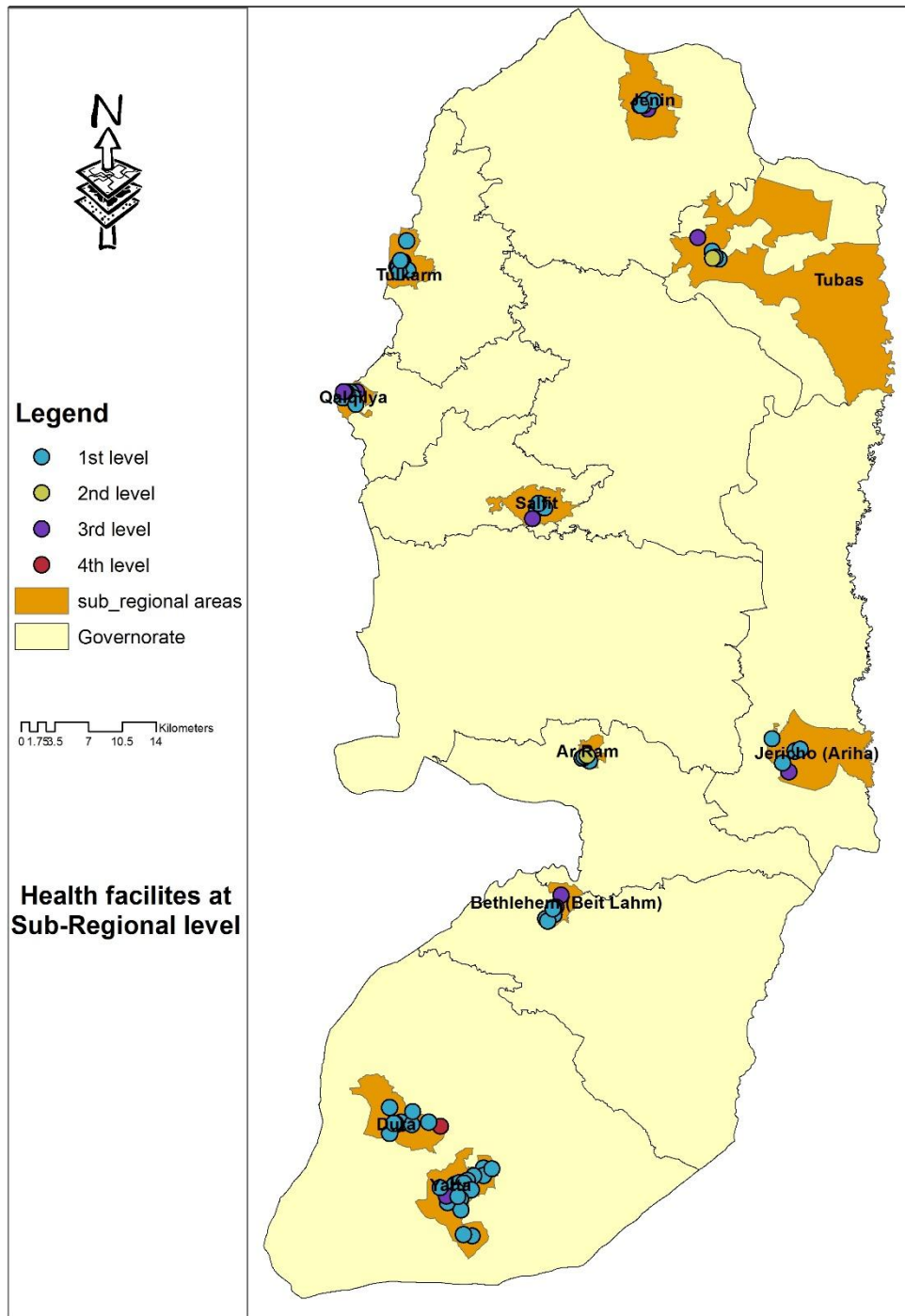
Map 15: Distribution of Health Facilities at Sub-Regional level

This map shows the sub regional level in WB and the distribution of HF from all levels in these regions.
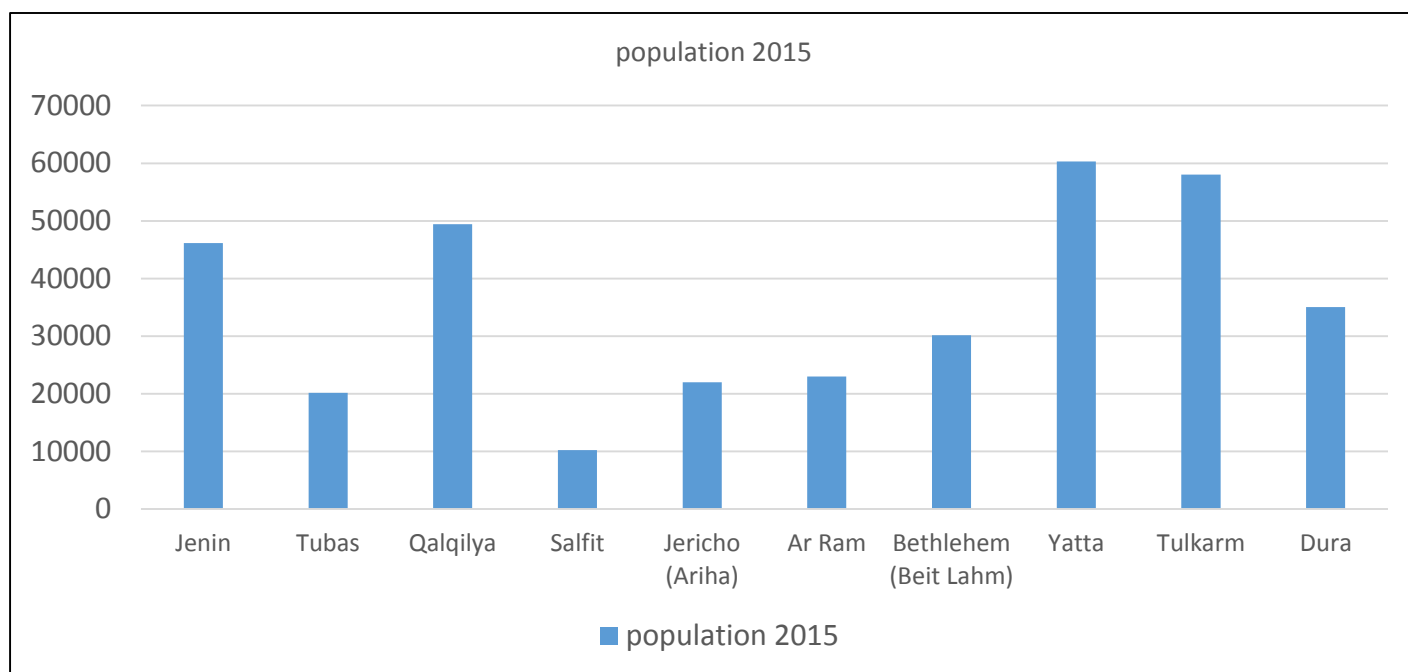
population 2015

Figure 10: Population of Sub-Regional Communities

This figure shows the population for each sub regional center in WB
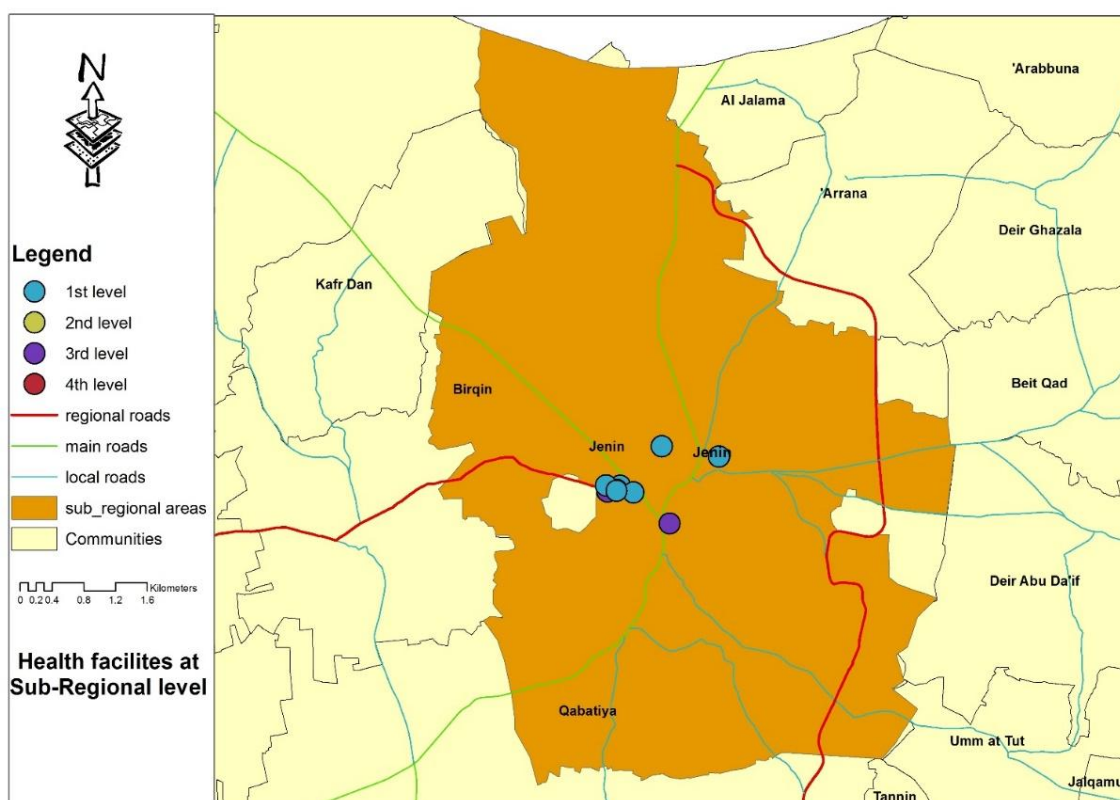
Map 16: Distribution of Health Facilities at Jenin city
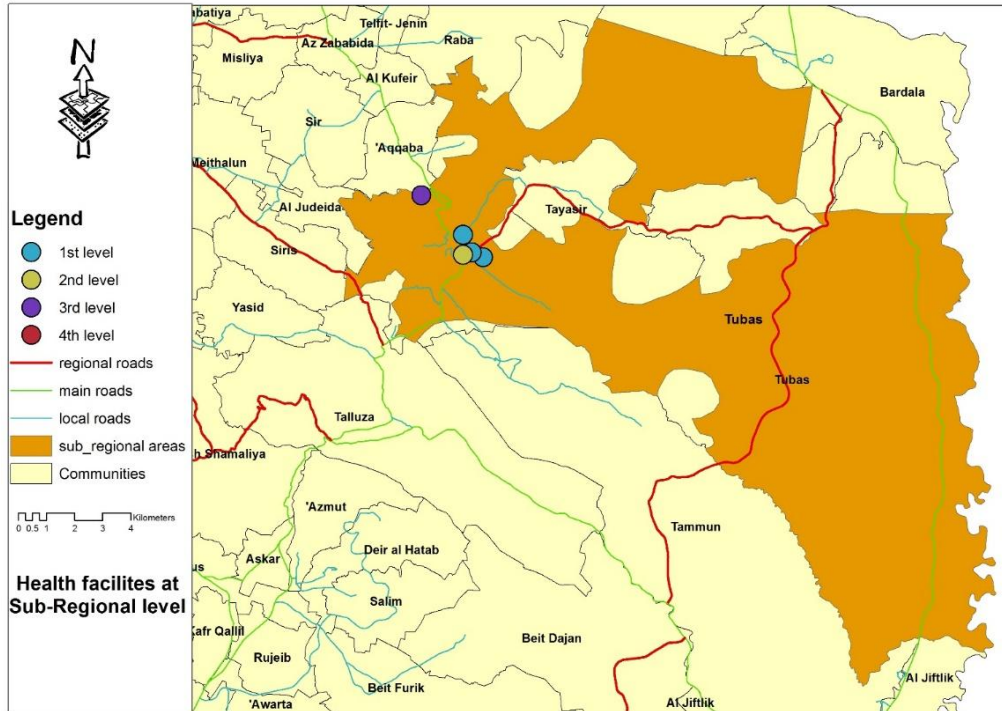
Map 17: Distribution of Health Facilities at Tubas city
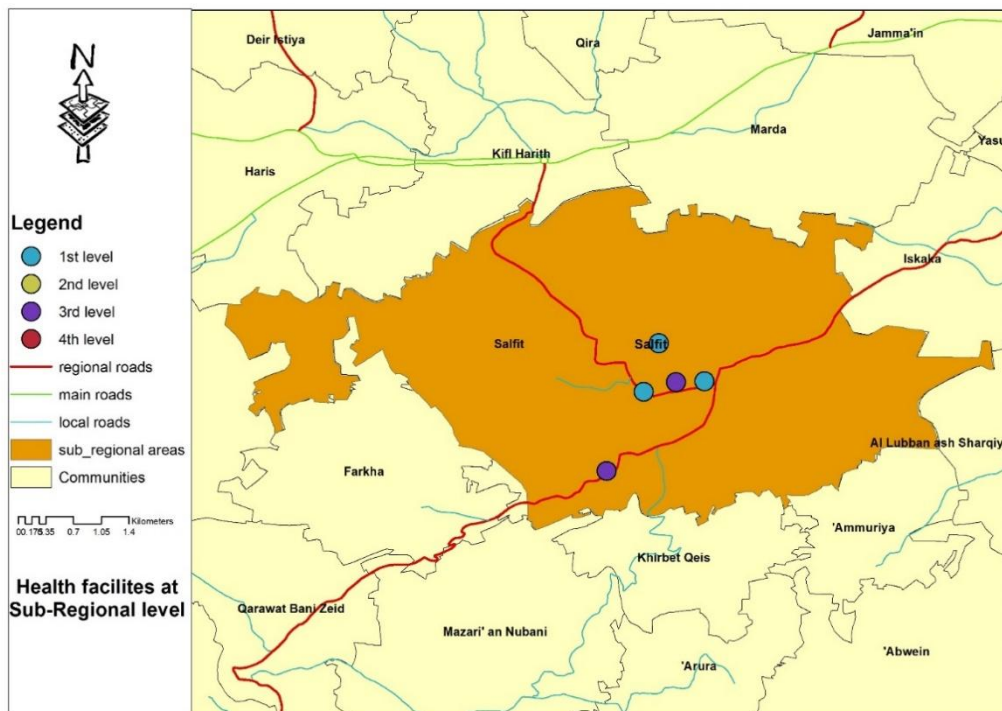
Map 18: Distribution of Health Facilities at Salfit City
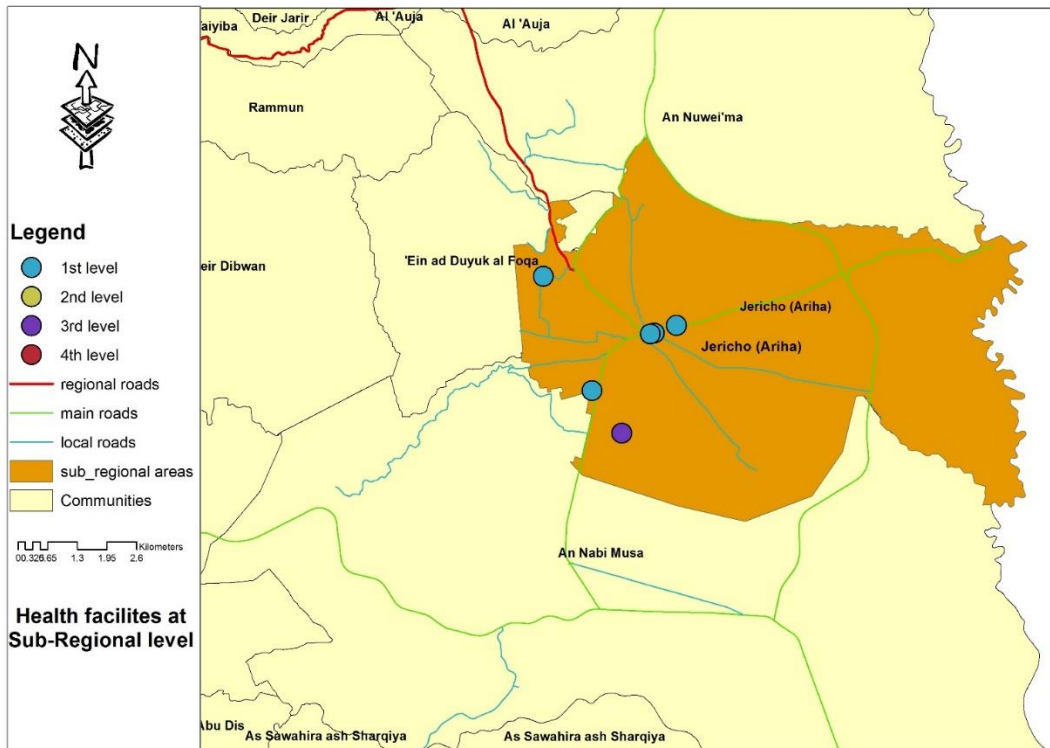
Map 19: Distribution of Health Facilities at Jericho city
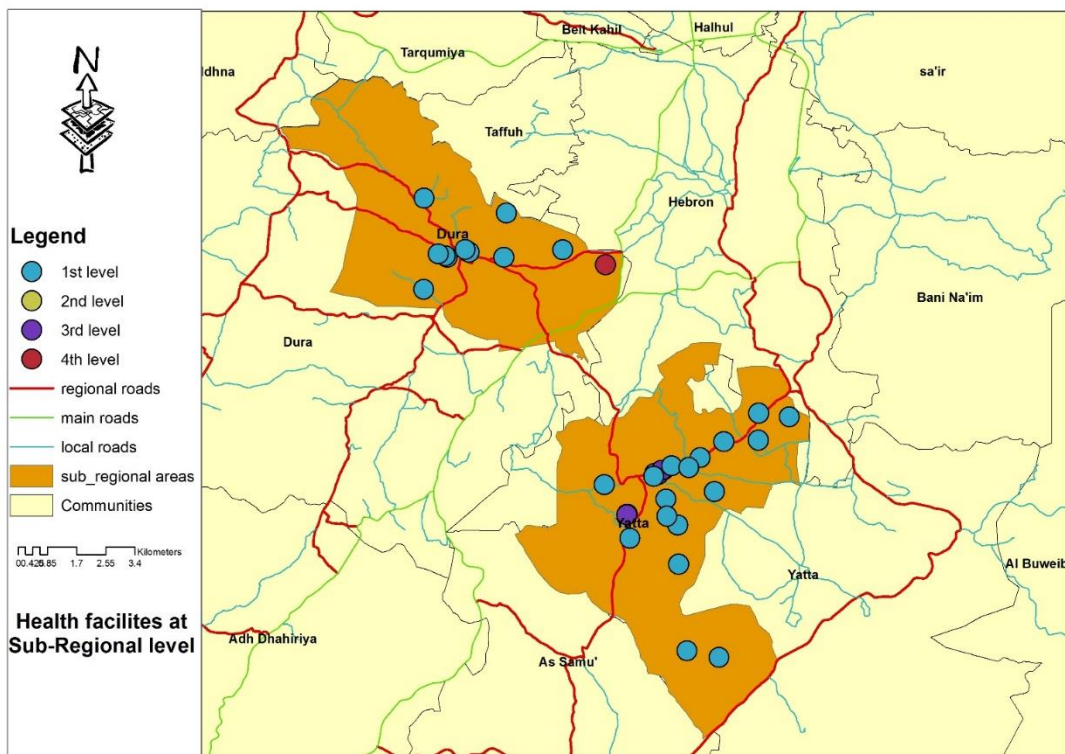
Map 20: Distribution of Health Facilities at Yata and dura
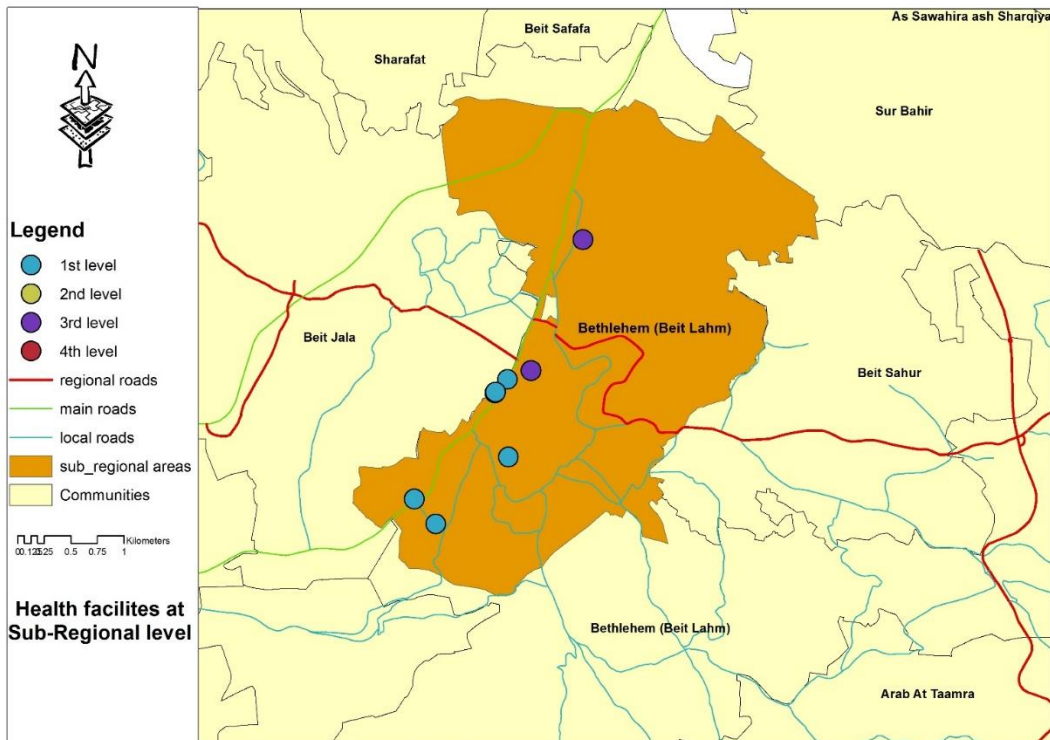
Map 21: Distribution of Health Facilities at Bethlehem
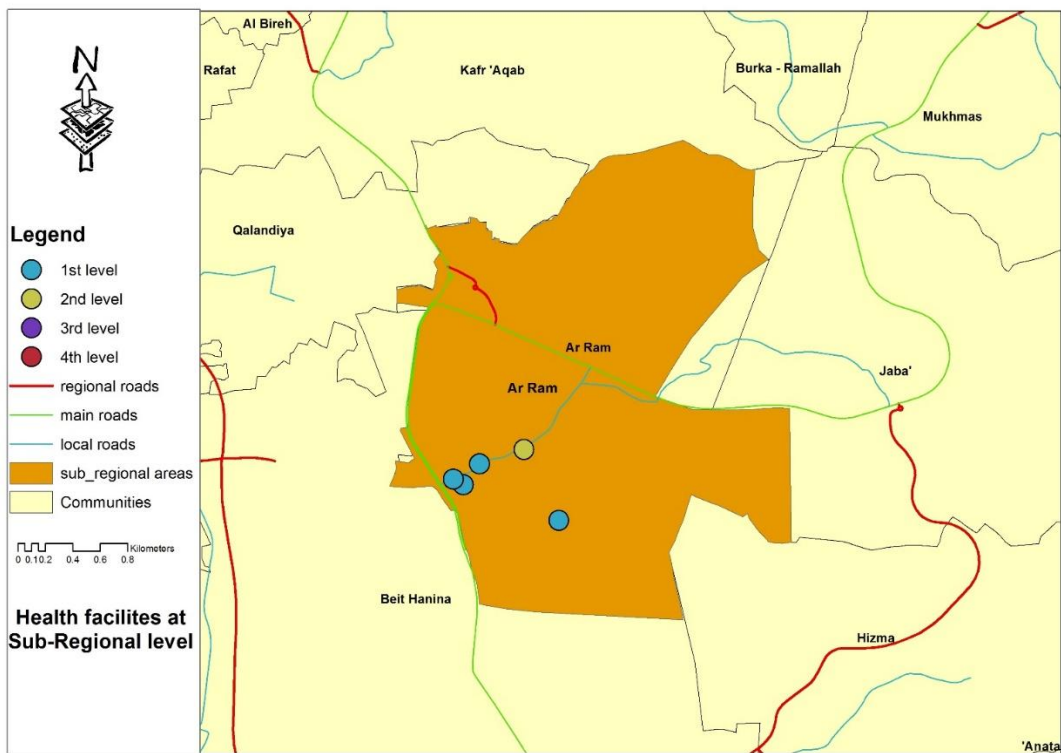
Map 22: Distribution of Health Facilities at Ar-Ram
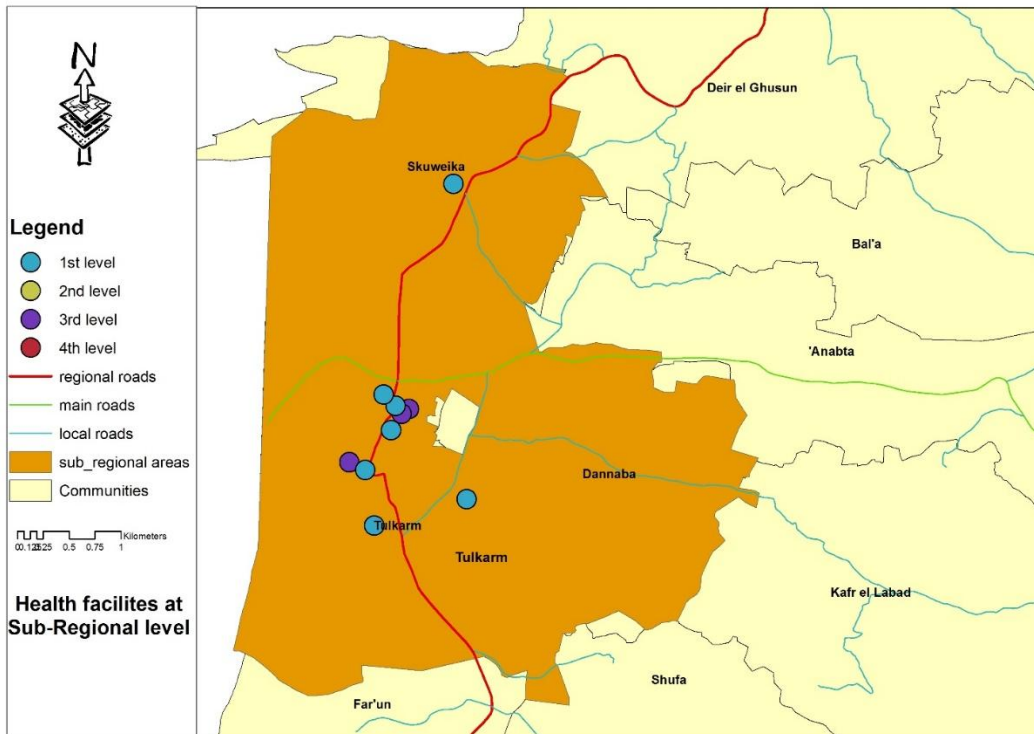
Map 23: Distribution of Health Facilities at Tulkarem city
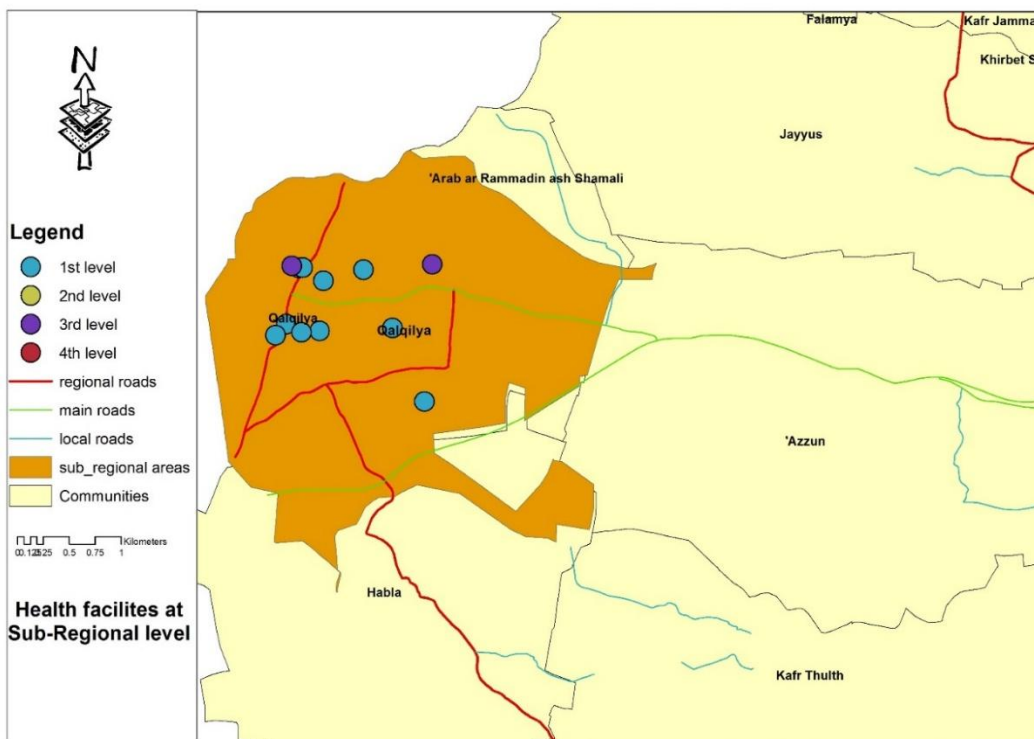
Map 24: Distribution of Health Facilities at Qalqilyah city

These previous maps show sub regions and the distribution of HF from all levels in these sub regions. These maps show the distribution of health service separately in each sub-region.
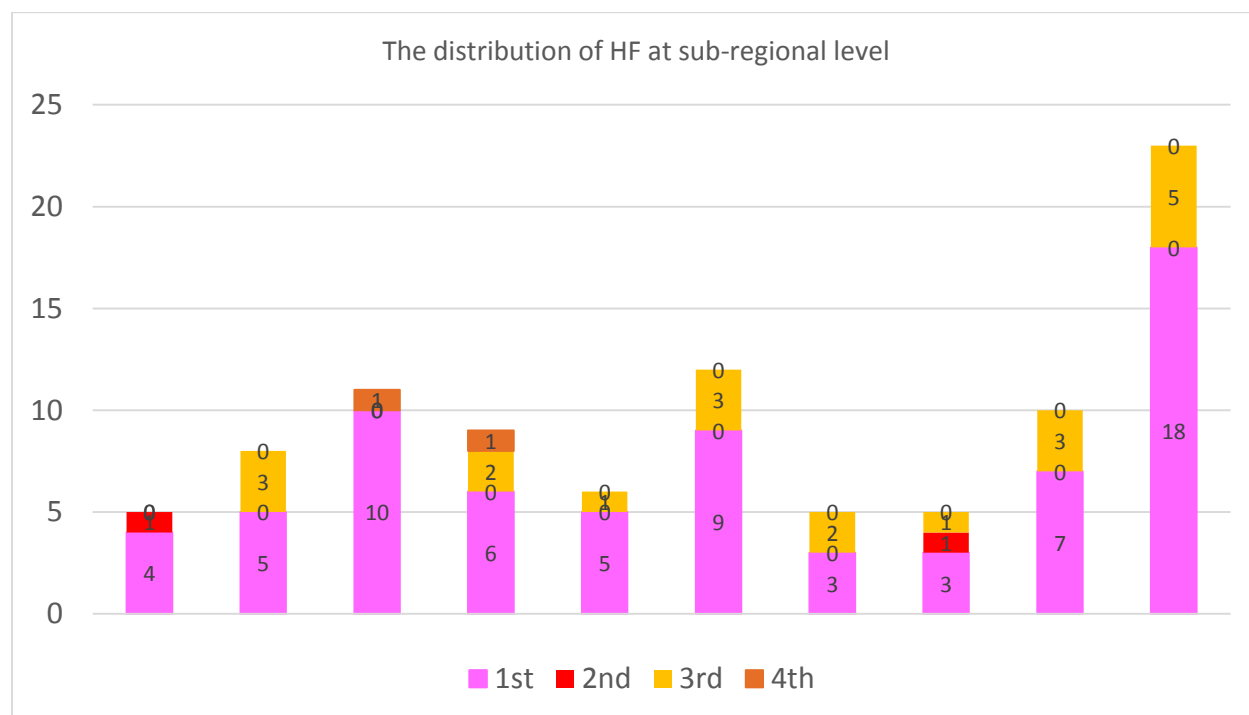
Figure 11: The Distribution of HF at Sub-regional Level

This figure shows the number of every levels of HF in each sub region in WB. Form the figure we can see there are lack of some services like 2nd and 3rd levels in some sub regions.
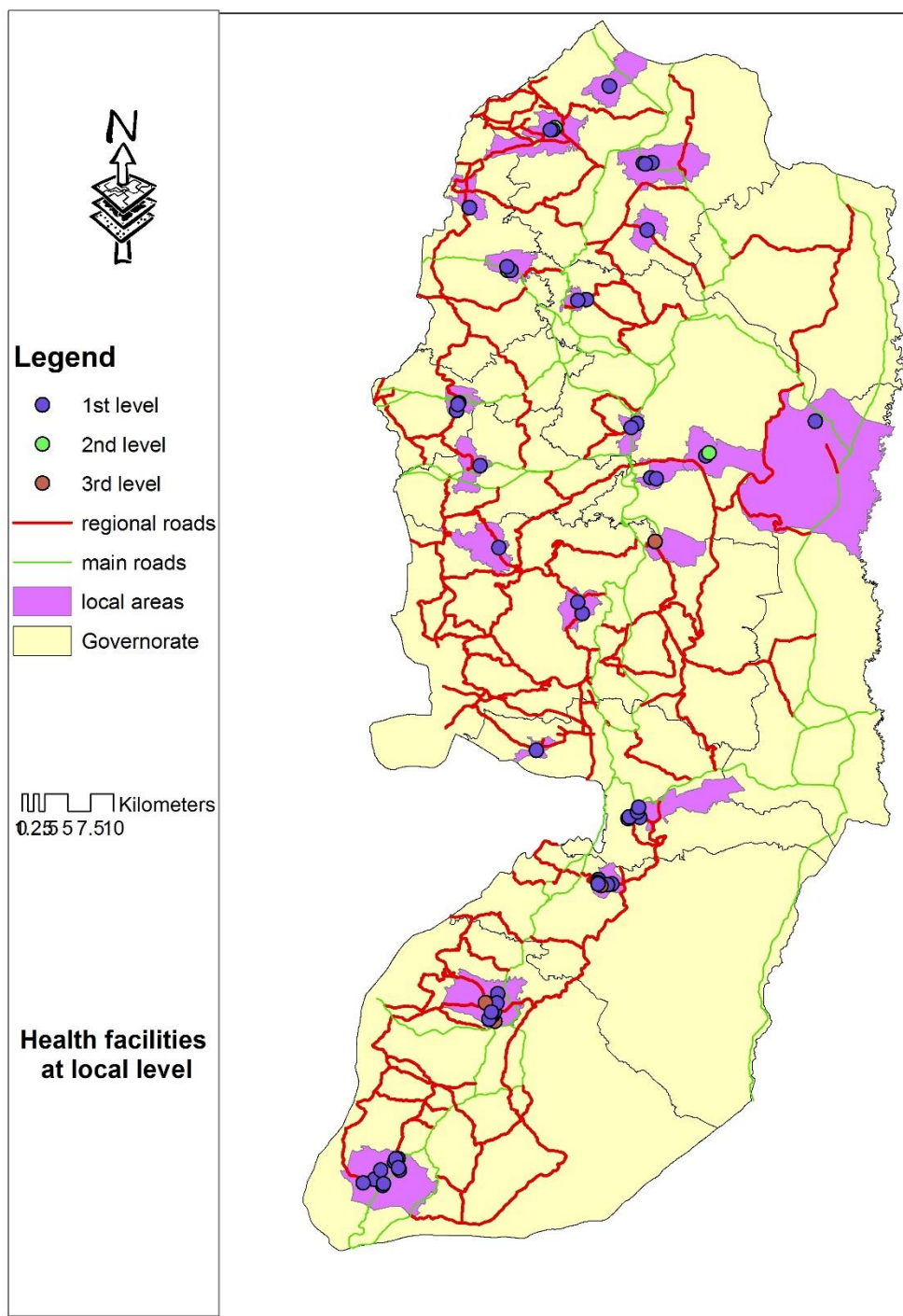
Map 25: Distribution of Health Facilities at Local Level

This map shows the local level in WB and the distribution of HF from all levels in these local centers.
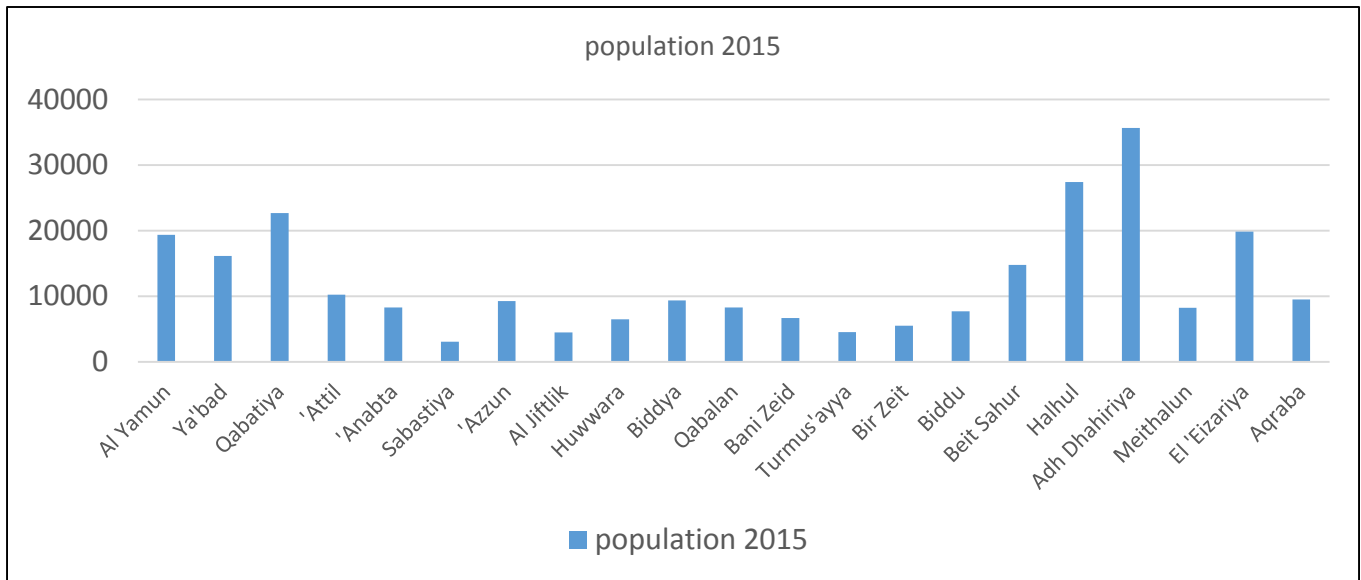
Figure 12: Population of local communities

This figure shows the population for each local center in WB.
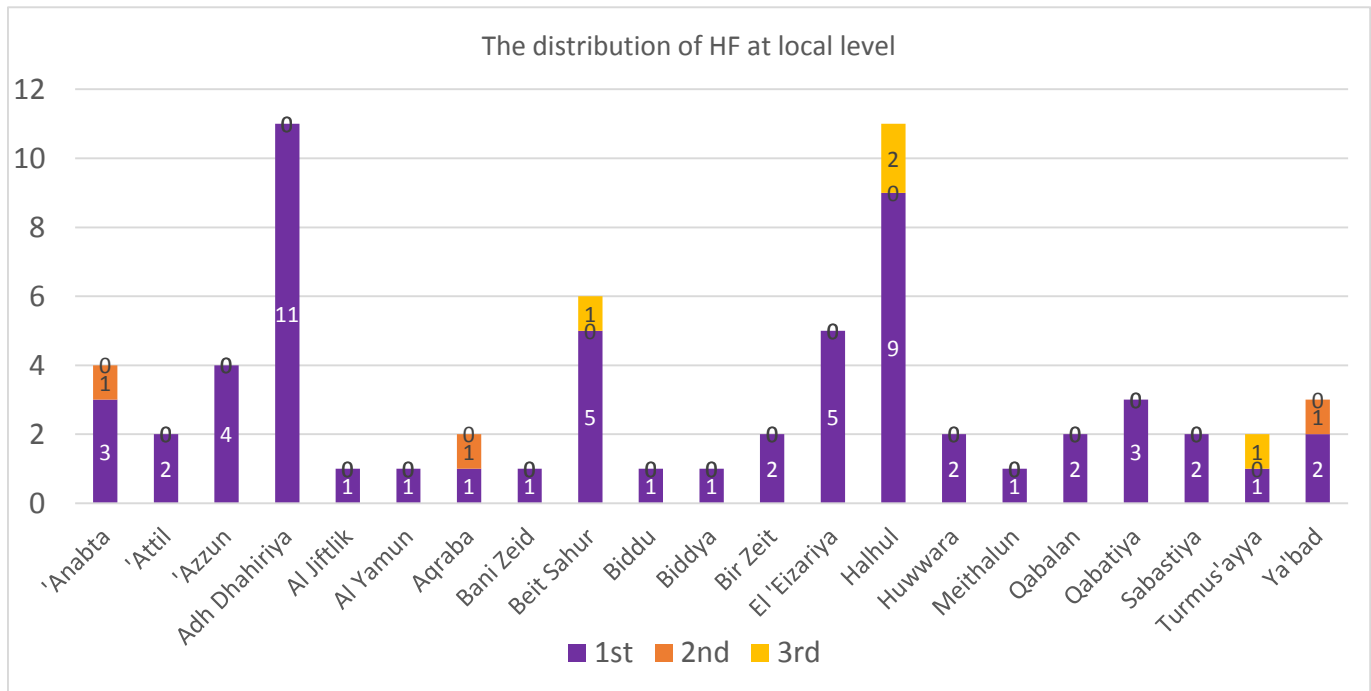
Figure 13: The Distribution of HF at local level

This figure shows the number of every levels of HF in each local centers in WB

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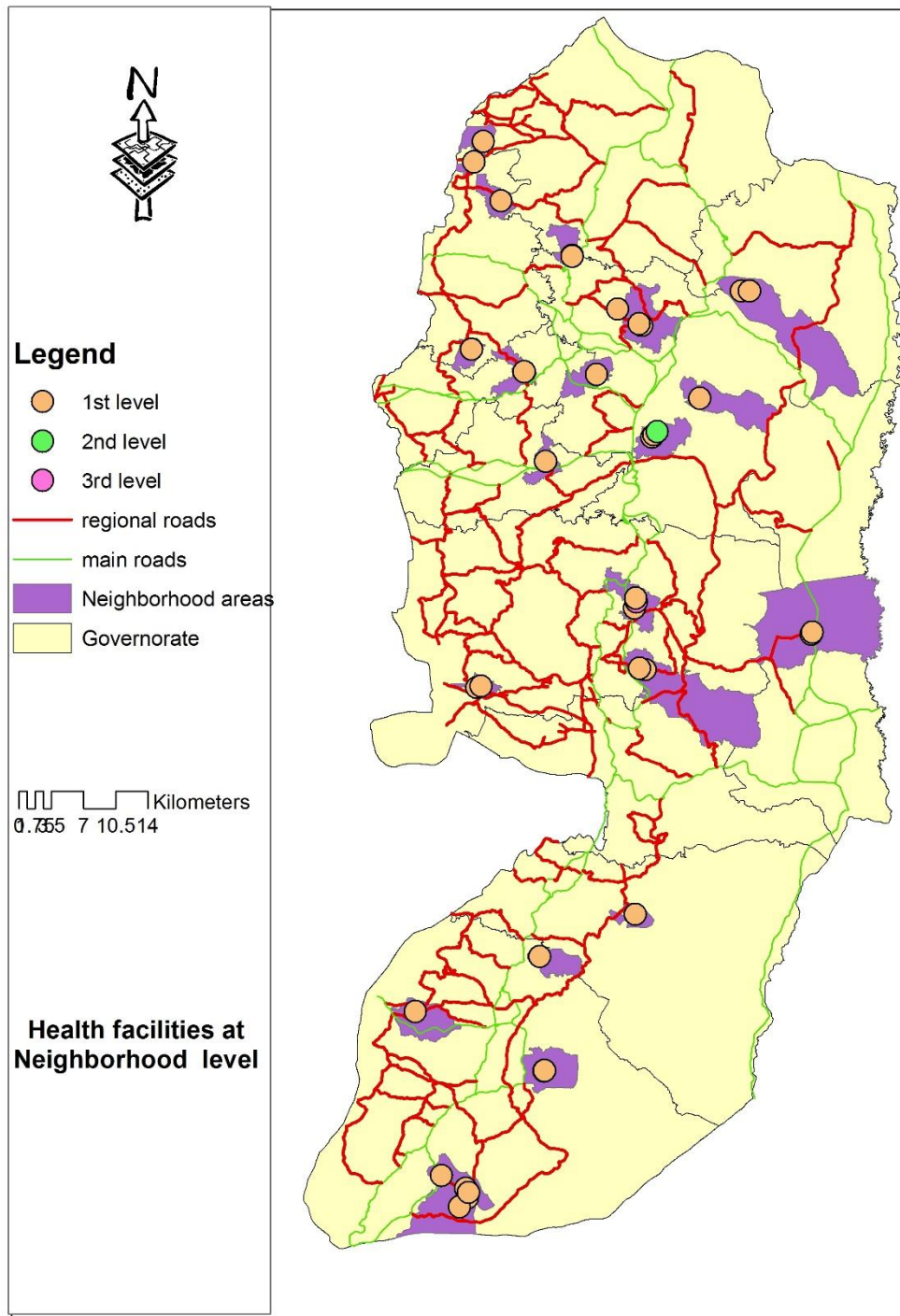
Map 26: Distribution of Health Facilities at Neighborhood Level

This map shows the neighborhood level in WB and the distribution of HF from all levels in these centers.
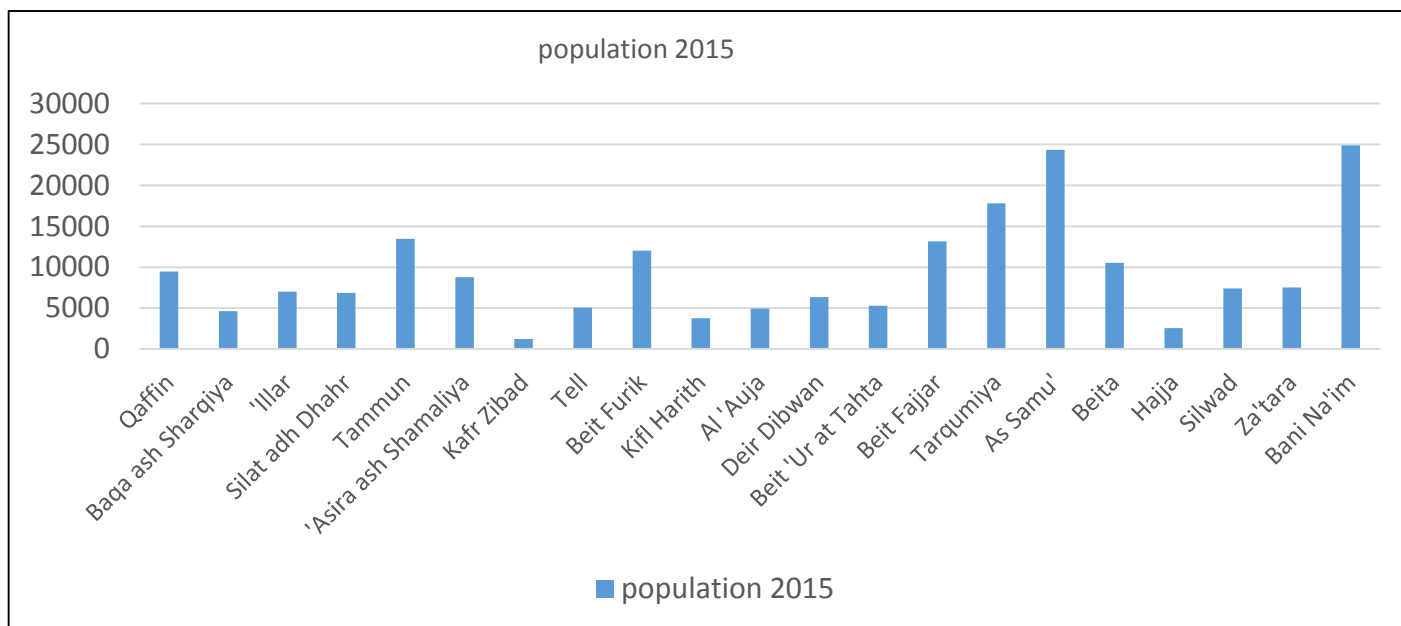
Figure 14: Population of the neighborhood

This figure shows the population for each local center in WB.
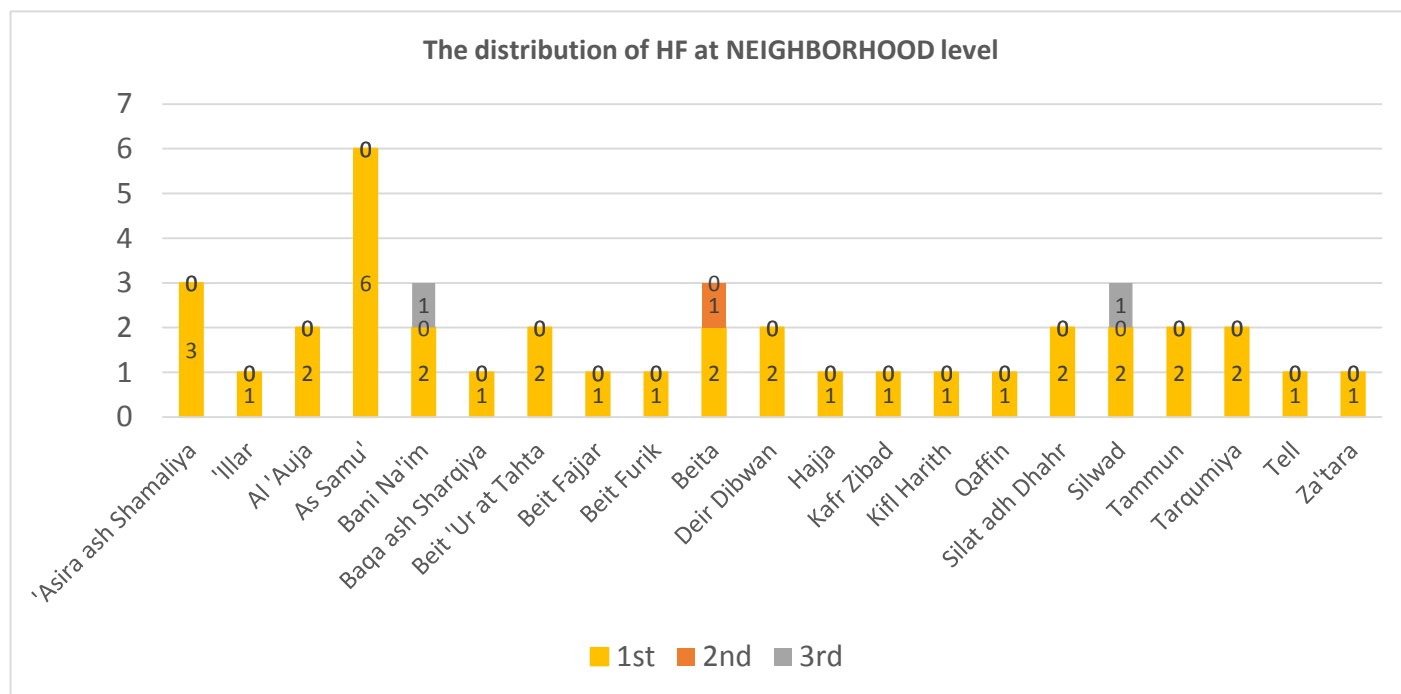
Figure 15: The distribution of HF at Neighborhood level

This figure shows the number of every levels of HF in each neighborhood centers in WB

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3. ANALYSIS

3.1. NATIONAL SWOT ANALYSIS FOR HEALTH SECTOR IN WB

3.1.1. STRENGTHS

1. There are many specialized health services
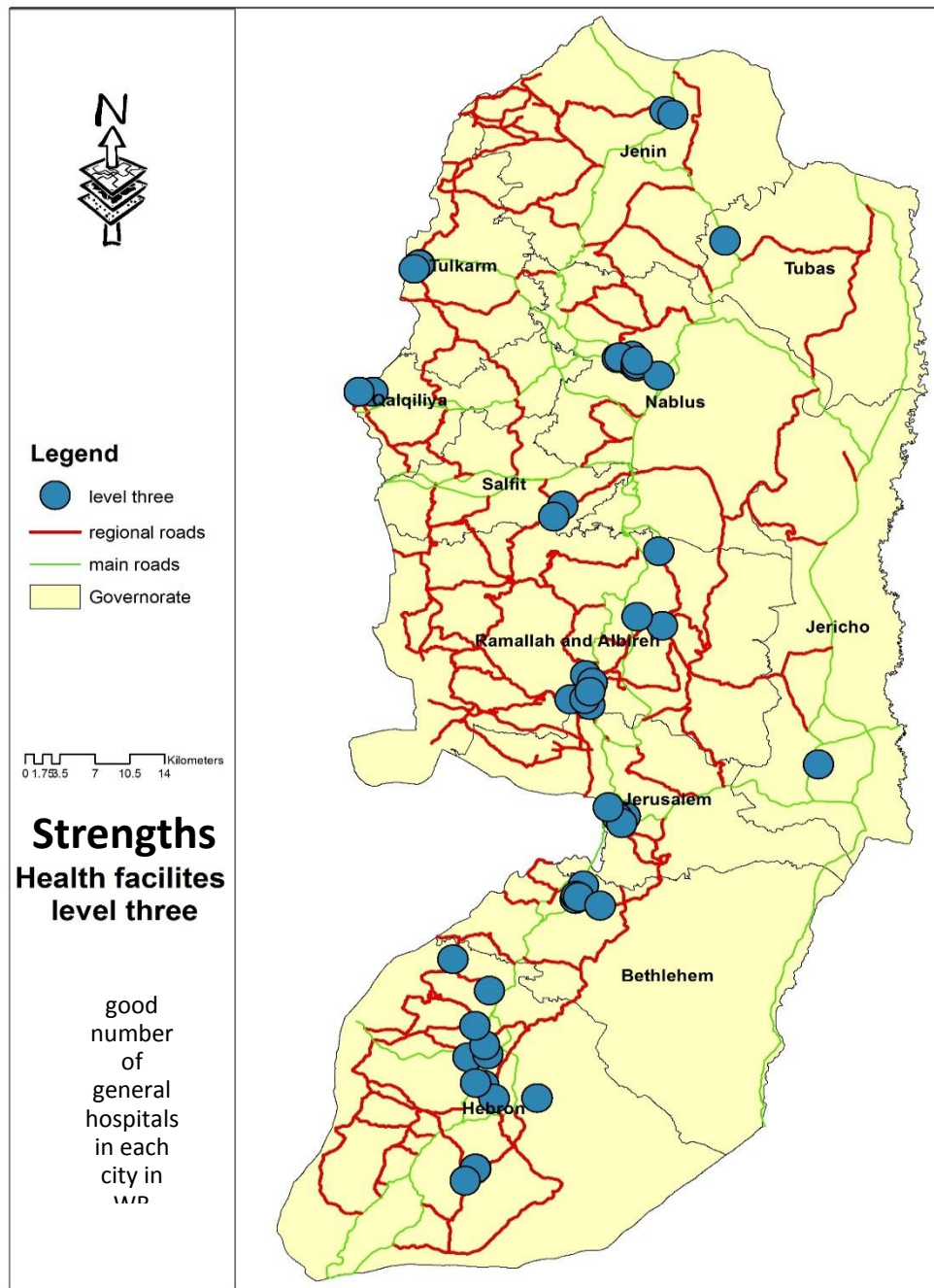
Map 27: Strengths map 1

This map shows the distribution of general hospitals in WB. From this map we can see each governorate has tis services.

2. There are 3rd level of health services in all governorates in WB

Legend
- 🟢 Multi specialization
- 🔵 Children with disabilities
- 🟤 Elderly
- 🟢 Rehabilitation
- 🟣 Eyes
- 🔵 Heart
- 🔴 Maternity hospital
- — regional roads
- — main roads
- ▢ Governorate

Strengths

Specialized hospitals in WB

(ther are many types of specialized hospitals)
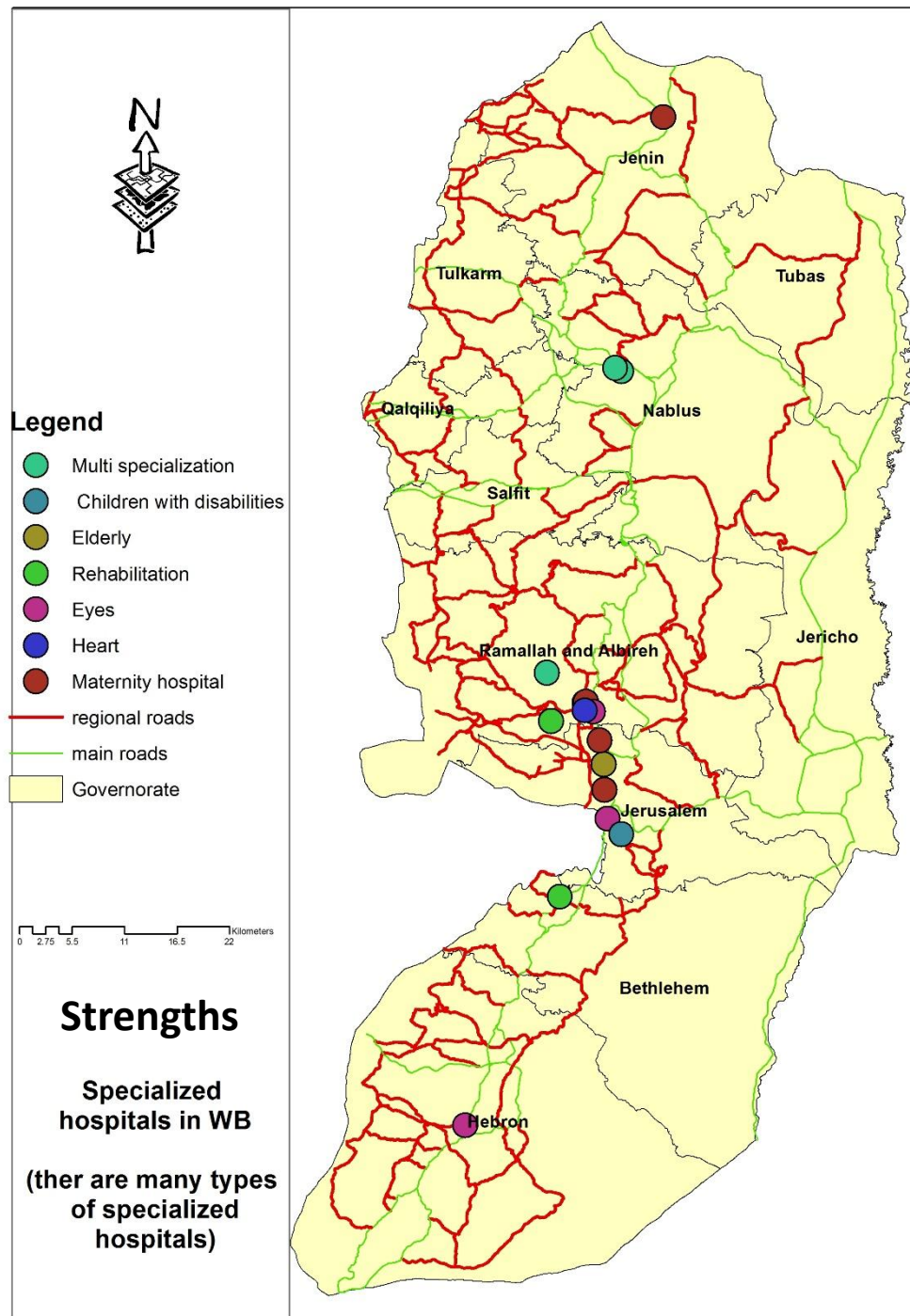
Map 28: Strengths map 2

This map shows the distribution of 4th level of HF or specialized hospitals in WB the strength from this map is the big number of these services in WB.

1. Poor distribution of some specialized health services.

Map 29: Threats Map 1
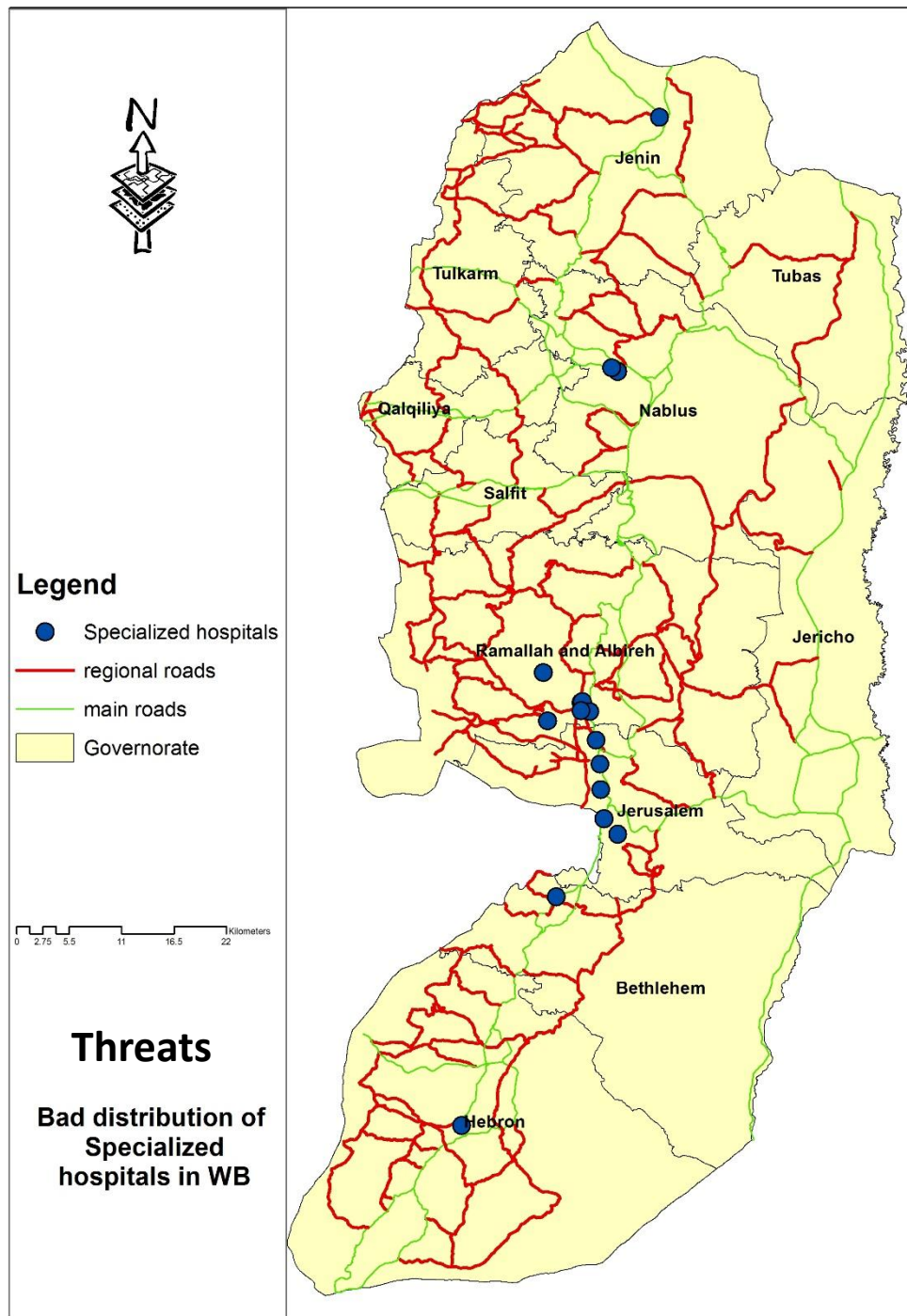
This map shows the distribution of all types of specialized hospitals. From this map we can see:

    a. Poor distribution of rehabilitation hospitals which Concentrated in the middle and south of WB.
    b. All other type Concentrated in the middle of WB.
2. poor distribution of some health services according to the type of user like UNRWA's hospitals

Legend

- ■ camps
- ● UNRWA hospital
- — regional roads
- — main roads
- Governorate

Kilometers
0 2.75 5.5 11 16.5 22

Threats

Lack of UNRWA hospital in WB

Jenin
Tulkarm
Tubas
Qalqiliya
Nablus
Salfit
Ramallah and Albireh
Jericho
Jerusalem
Bethlehem
Hebron
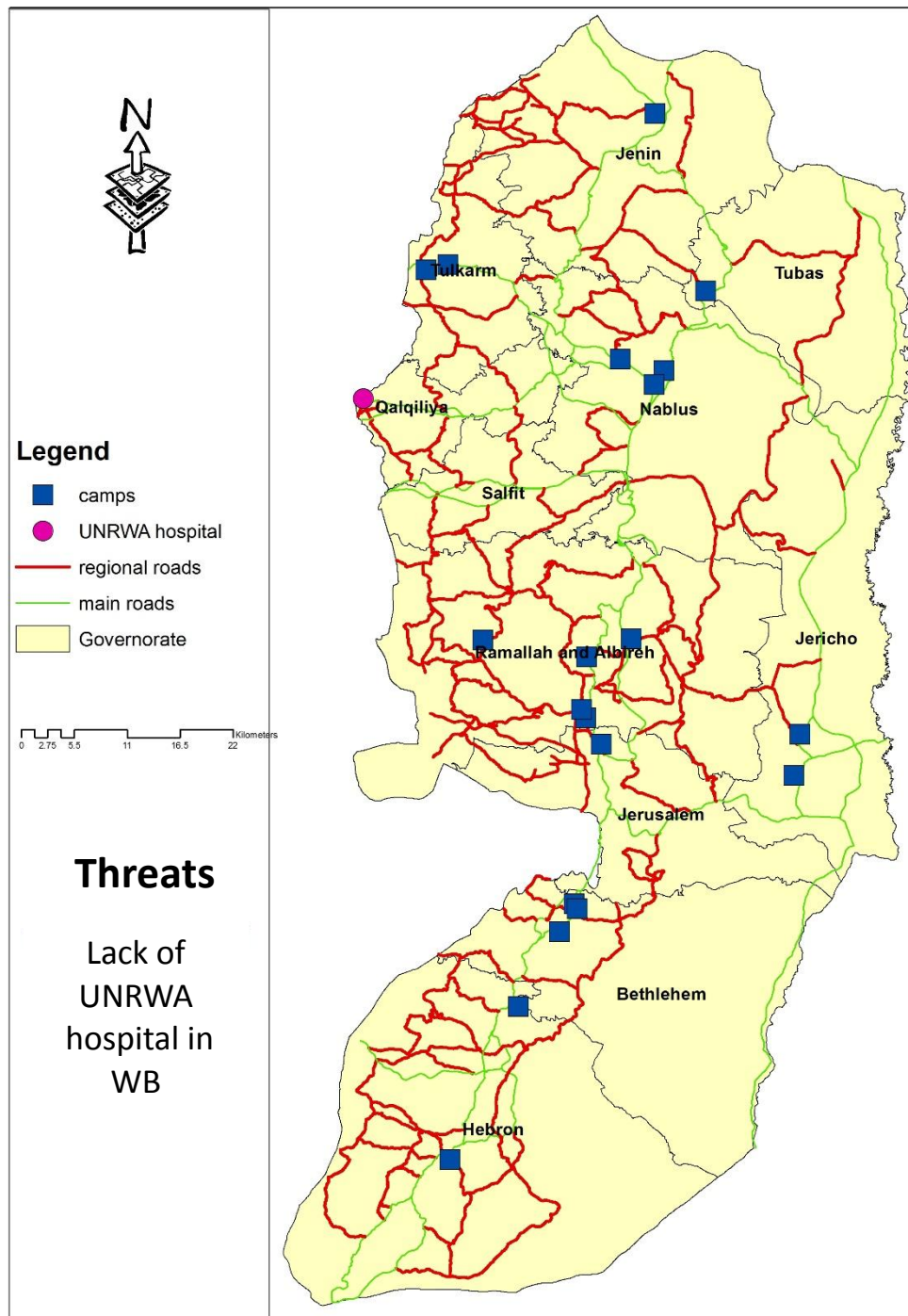
Map 30: Threats map 2

This map shows the distribution of UNRWA hospitals in WB. From the map we can see all governorates have not UNRWA hospitals expect Qalqilyah.

3. The political barriers in the region limit the development of the health service and distribute it in properly ways

Map٣١ : threats map 3

Legend

▢ regiones
▲ Hleath facitlites
— regional roads
— main roads
▢ Governorate

threats
● checkpoints
— ApartheidWall
▢ Area C
▢ Colonies

0 1.5 3 6 9 12 Kilometers

Political threats in the middle region
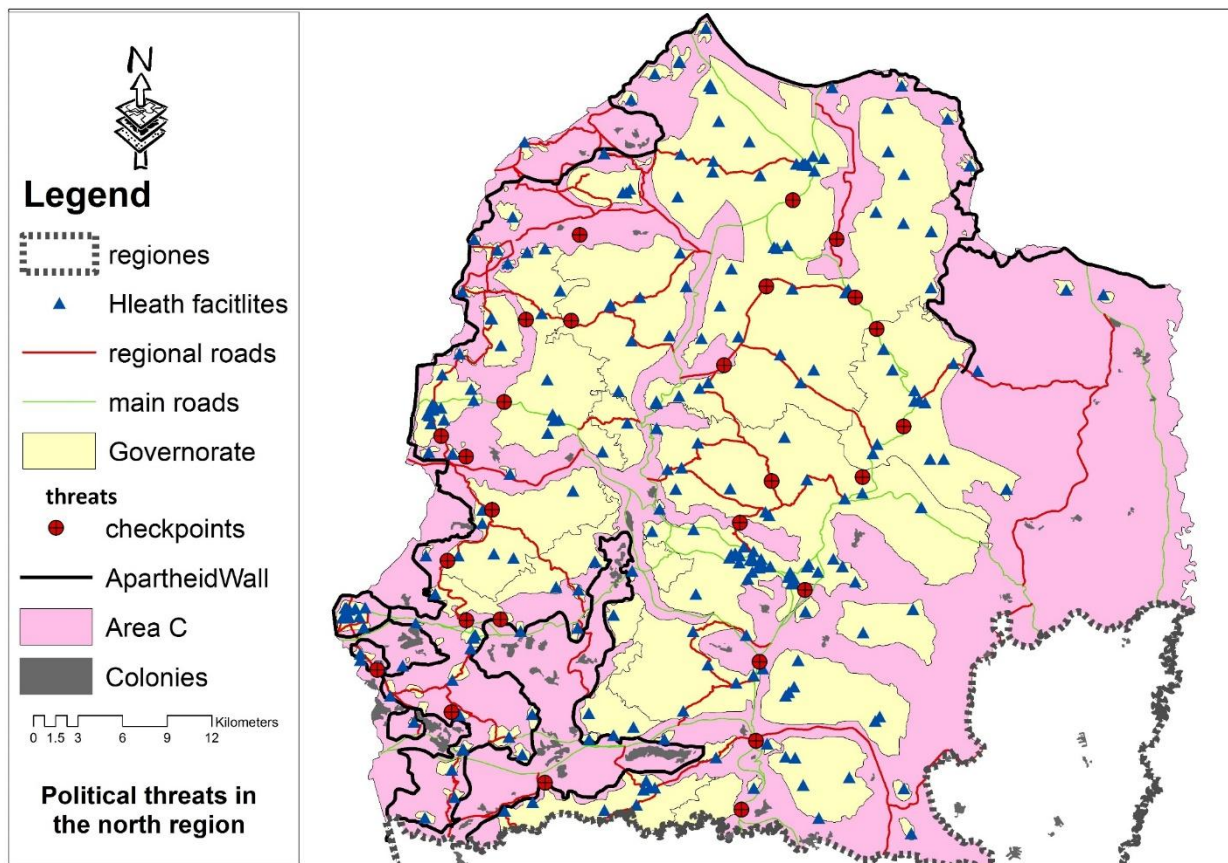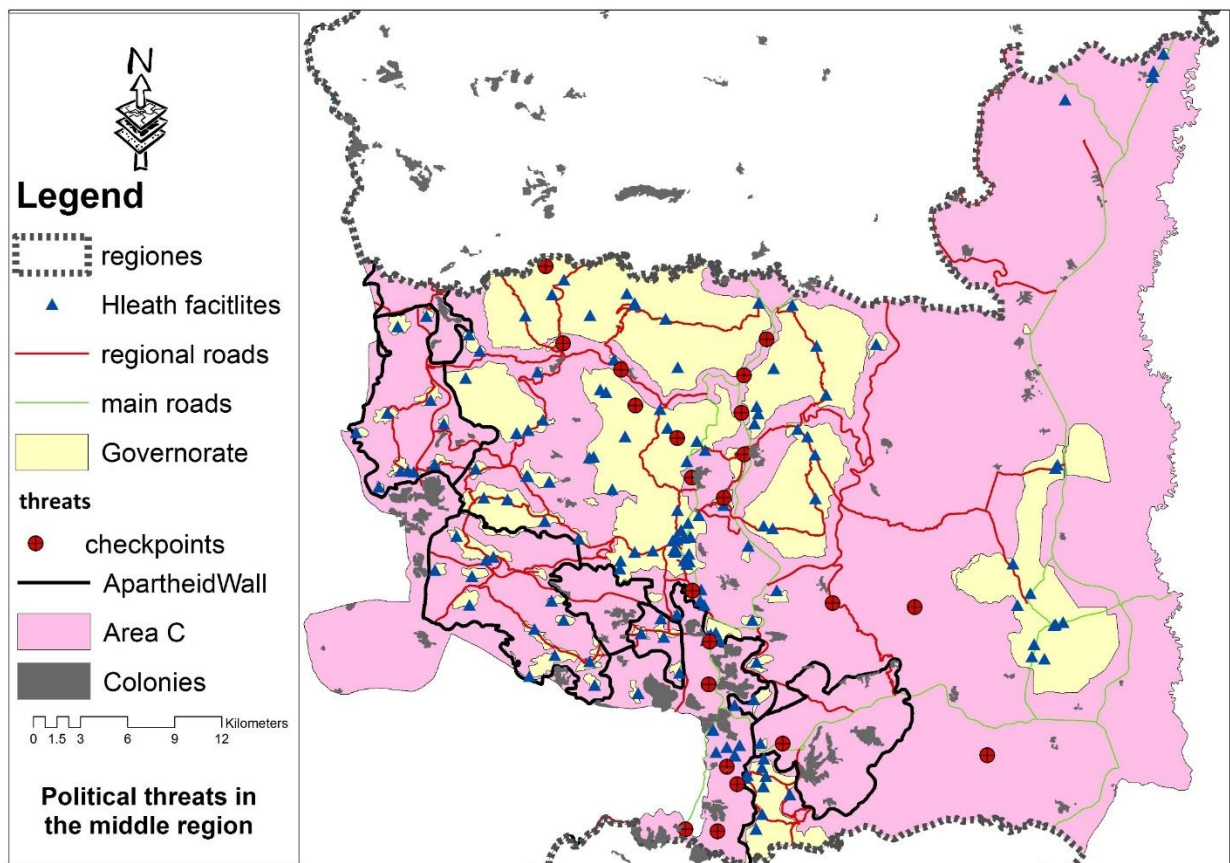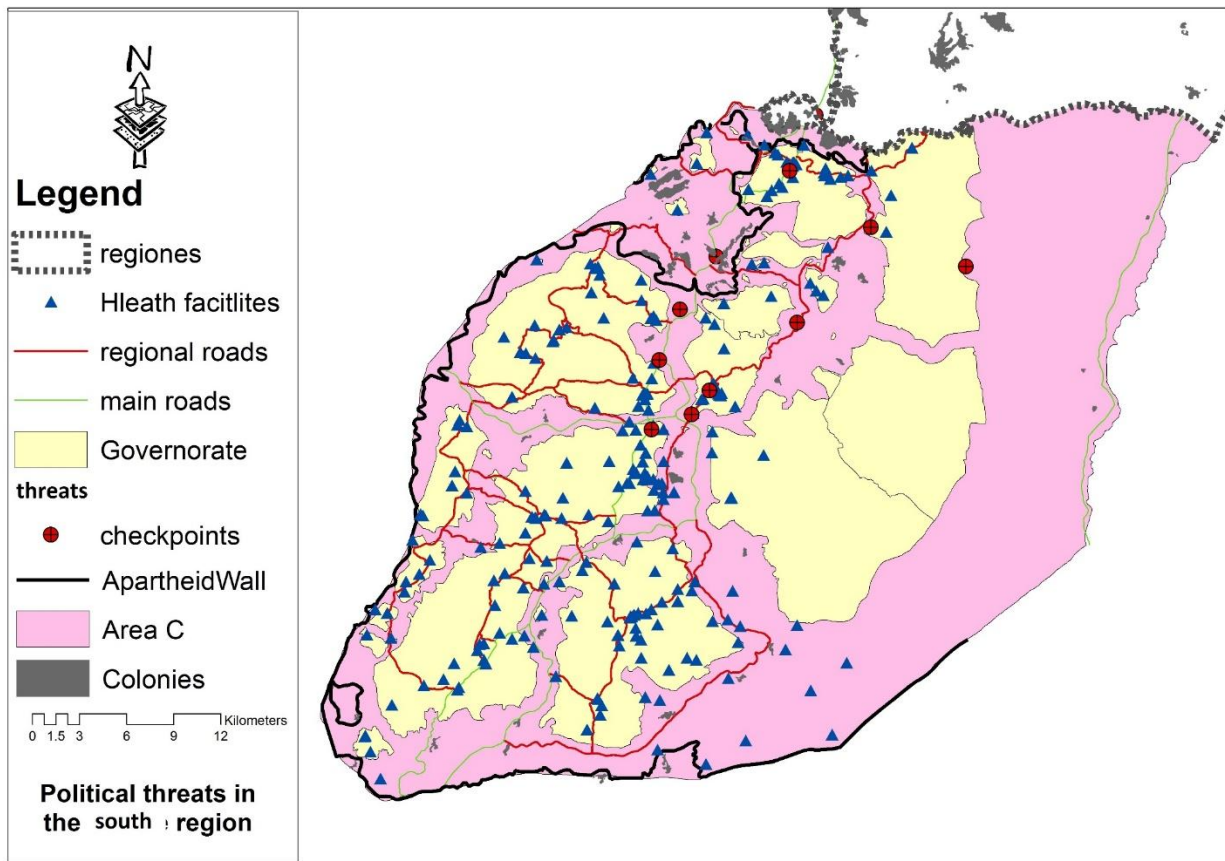
Map 32: threats map 4

Map 33: Threats map 5

These maps show the political threats in each region in the WB. From these maps we can see many threats:

a. Area c that avoided HF to distribute everywhere in WB.
b. Apartheid wall which captures all the areas in the West Bank and Prevents access to some communities, therefore difficulty access to health services.
c. Checkpoint which made the access between the communities more difficult.

4. Lack of health services in some communities in the West Bank because there is no health service in these communities

3.2.1. JENIN

Table 6: The Existing levels in Jenin City

Jenin			
Regional	Sub Regional	Local	Neighborhood
	X	X	X
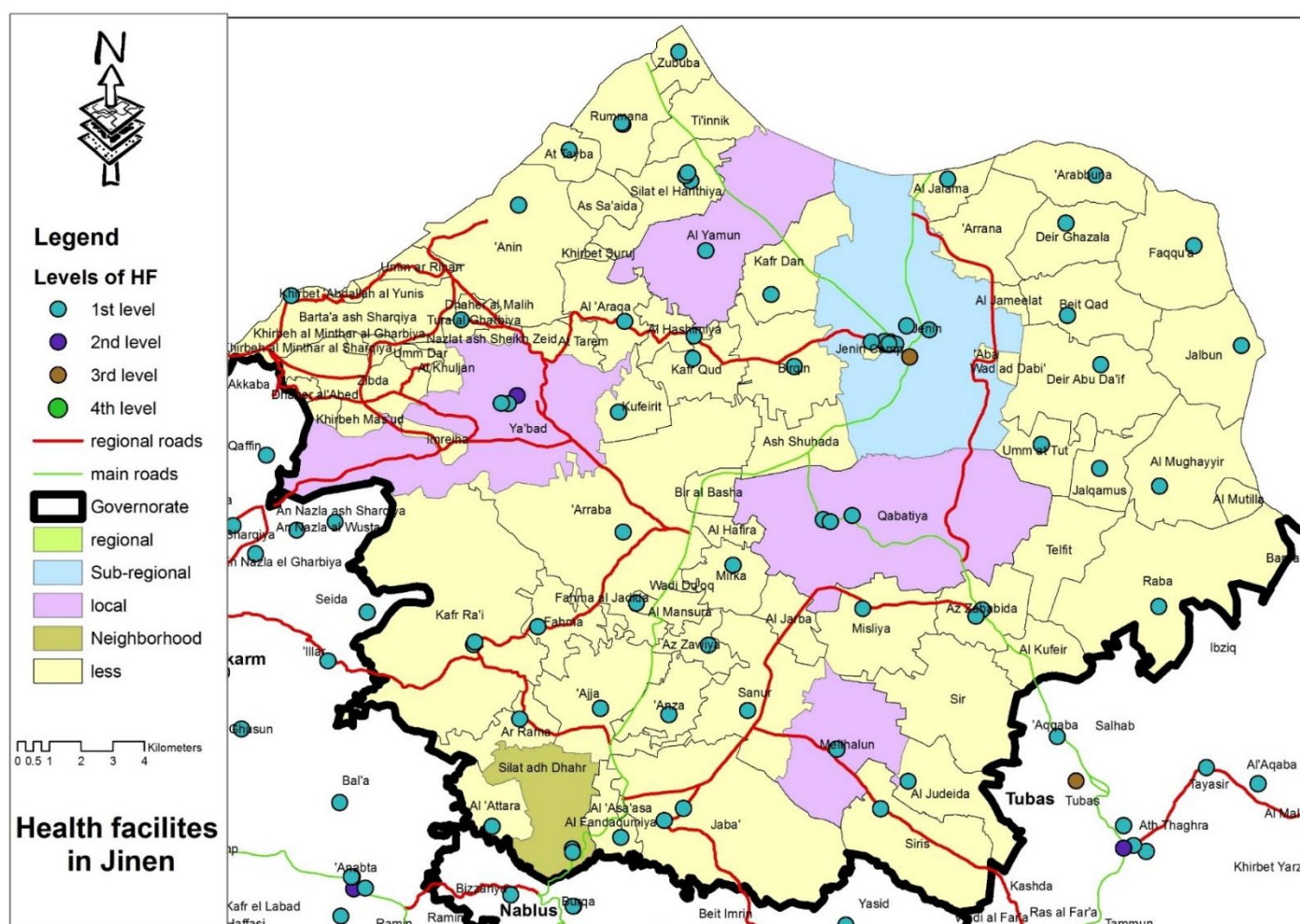
Map 34: Communities levels & Health Facilities in Jenin

This map shows the services centers in Jenin governorate.

Map 35: Current condition of Communities in Jenin Governorate
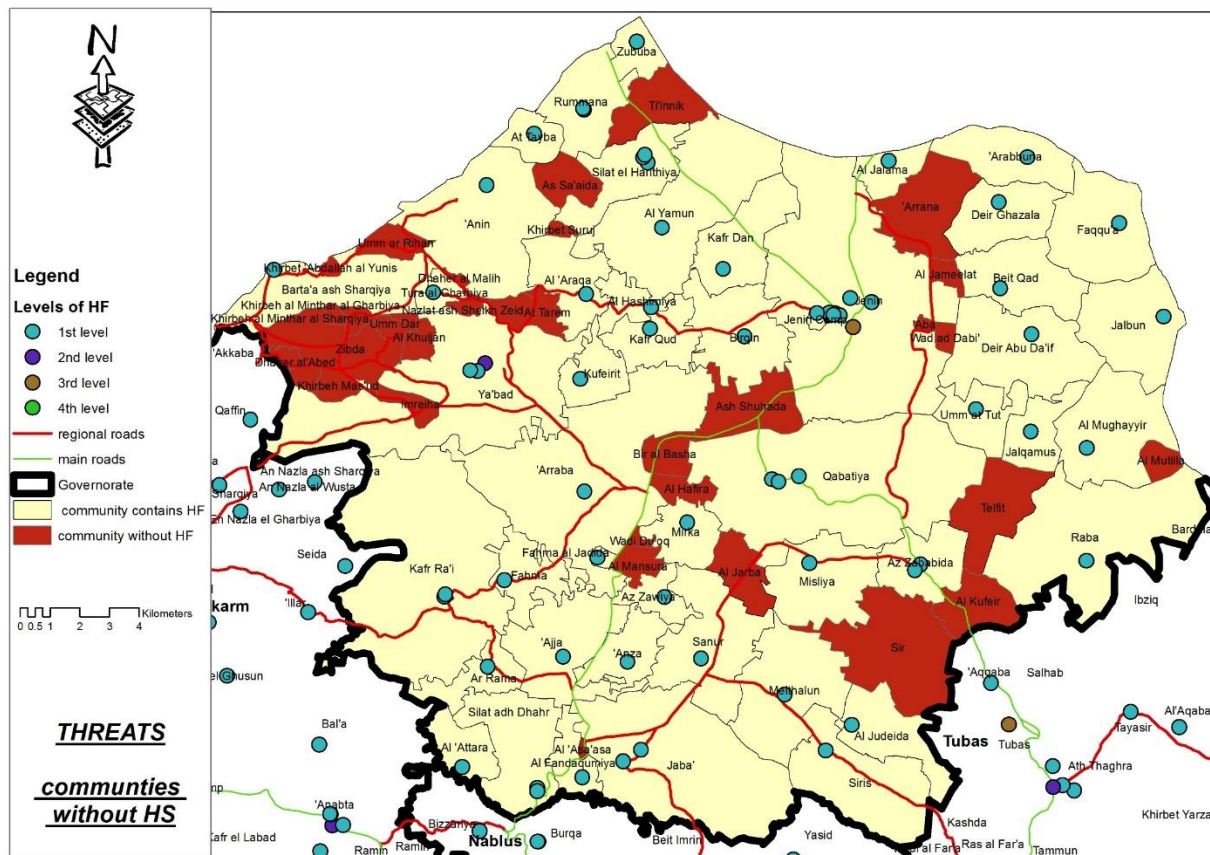
This map shows the condition of communities in Jenin governorate.
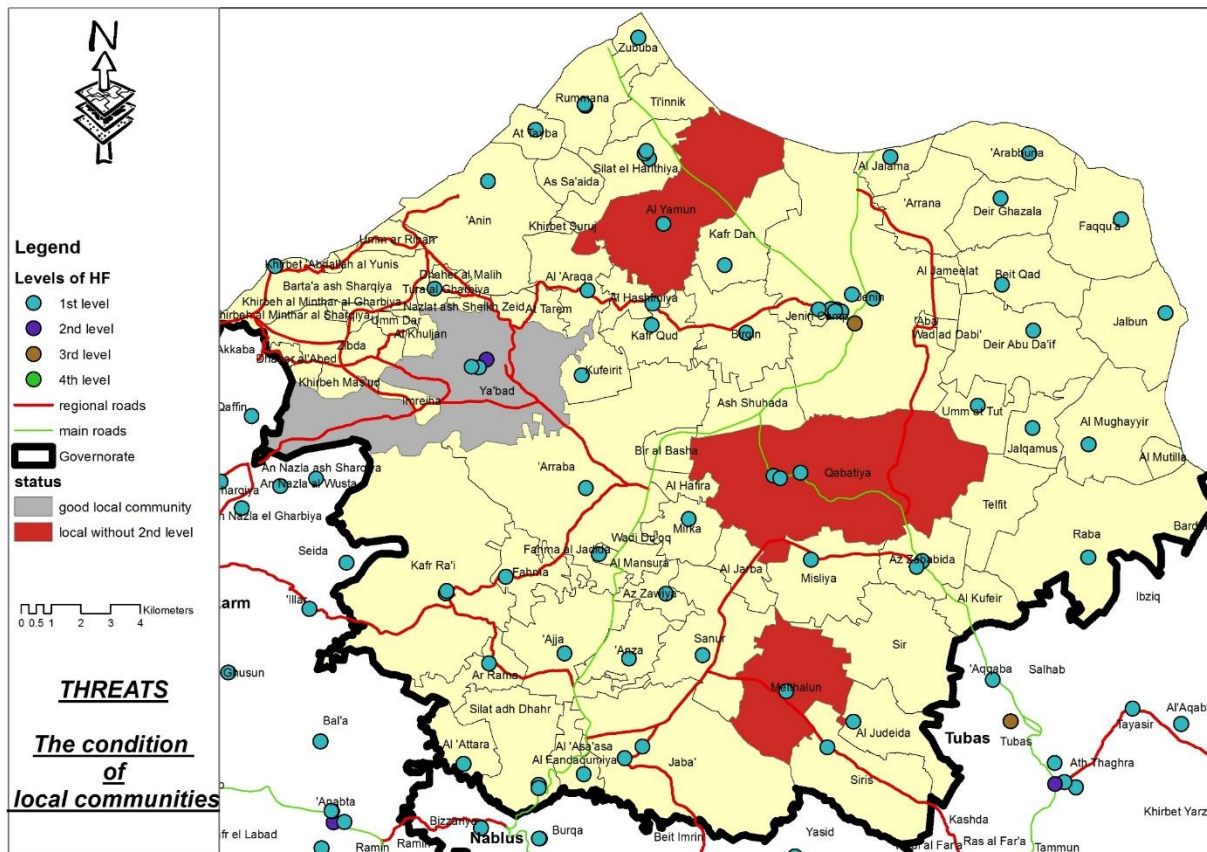
Map 36: Current Condition of local Communities in Jenin governorate

This map shows the condition of local communities in Jenin governorate.
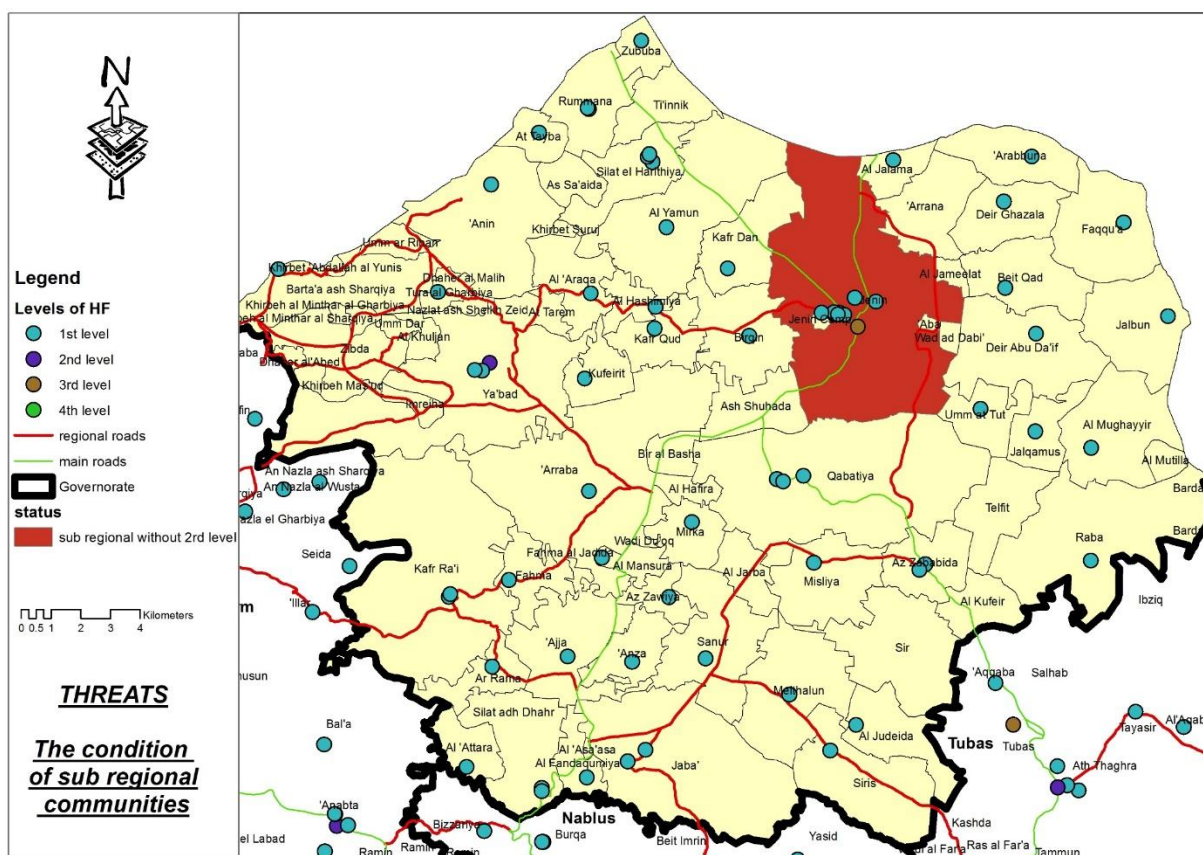
Map 37: Current Condition of Sub-Regional Communities in Jenin governorate

This map shows the condition of sub regional communities in Jenin governorate.
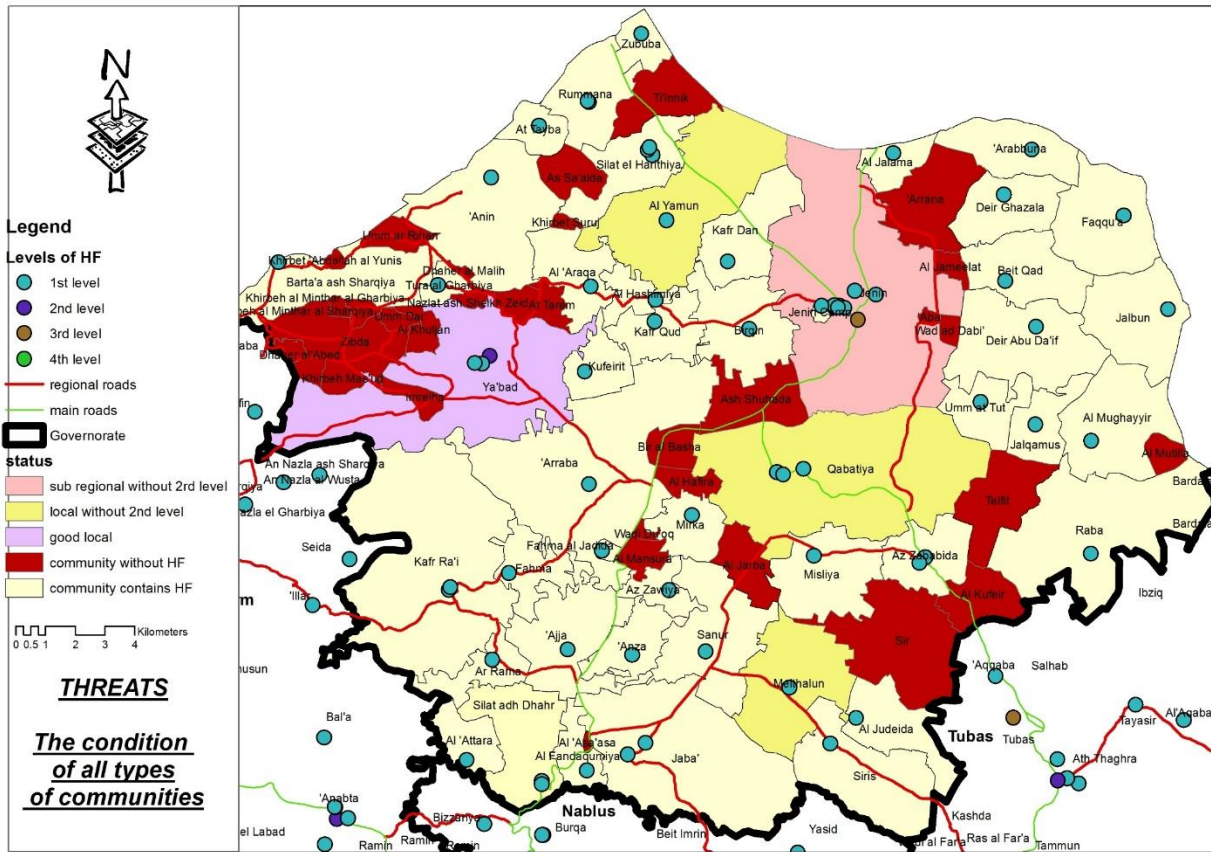
Map 38: Current Condition of all Levels of Communities in Jenin Governorate

This map shows the condition of all centers in Jenin according to HF.
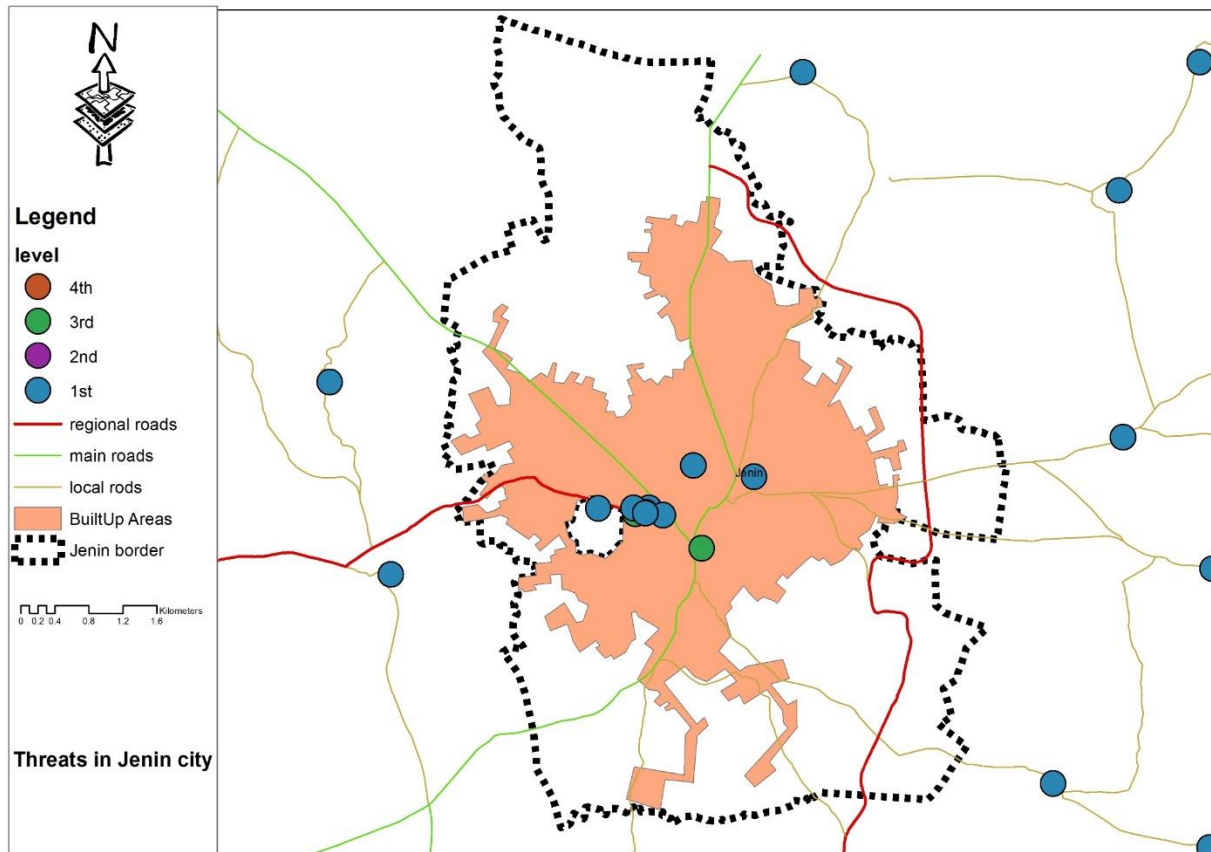
This map shows the distribution of all types of HF in Jenin city "sub regional center". From the map we can see all the hospitals Concentrated in the east of the city. North and south of the city unserved by any health centers

Table 7: The Existing levels in Tubas City

tubas			
Regional	Sub Regional	Local	Neighborhood
	X		X
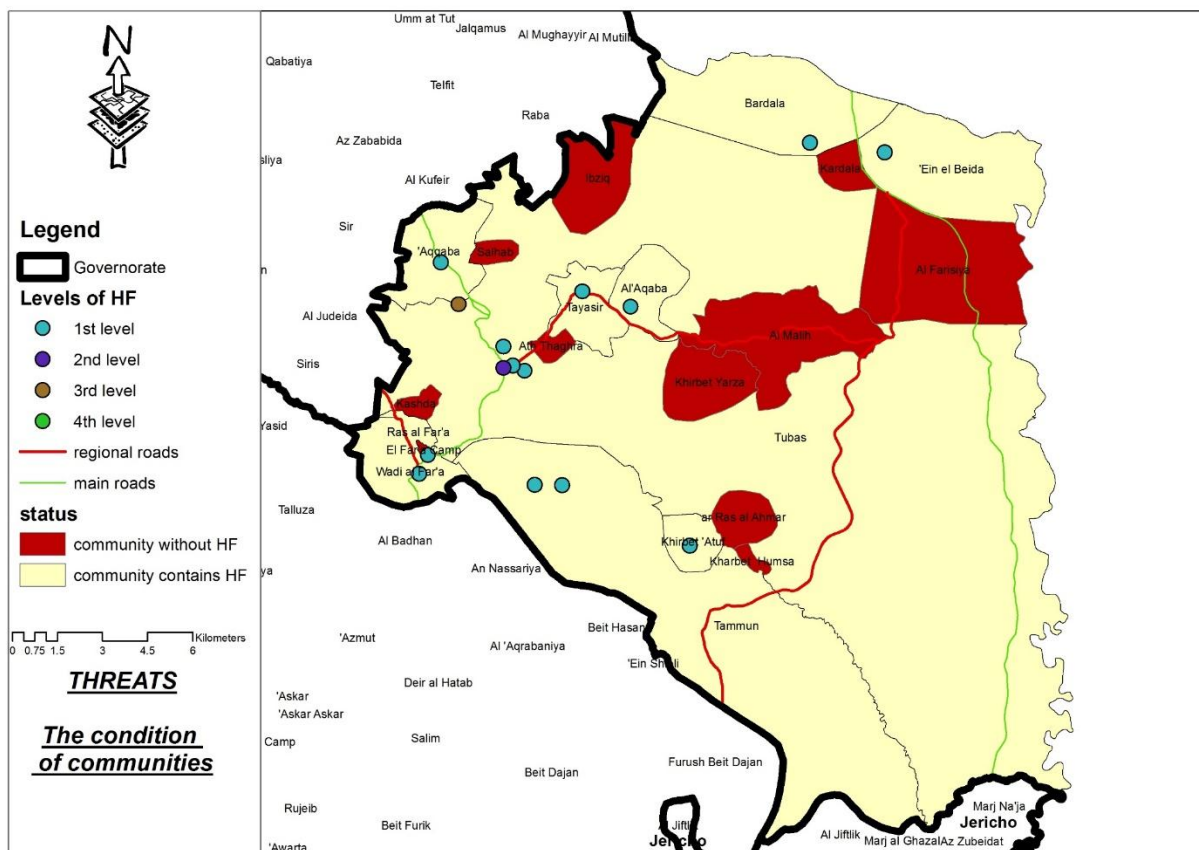
Map 40: Current Condition of Communities in Tubas governorate

This map shows the condition of communities in Tubas governorate.
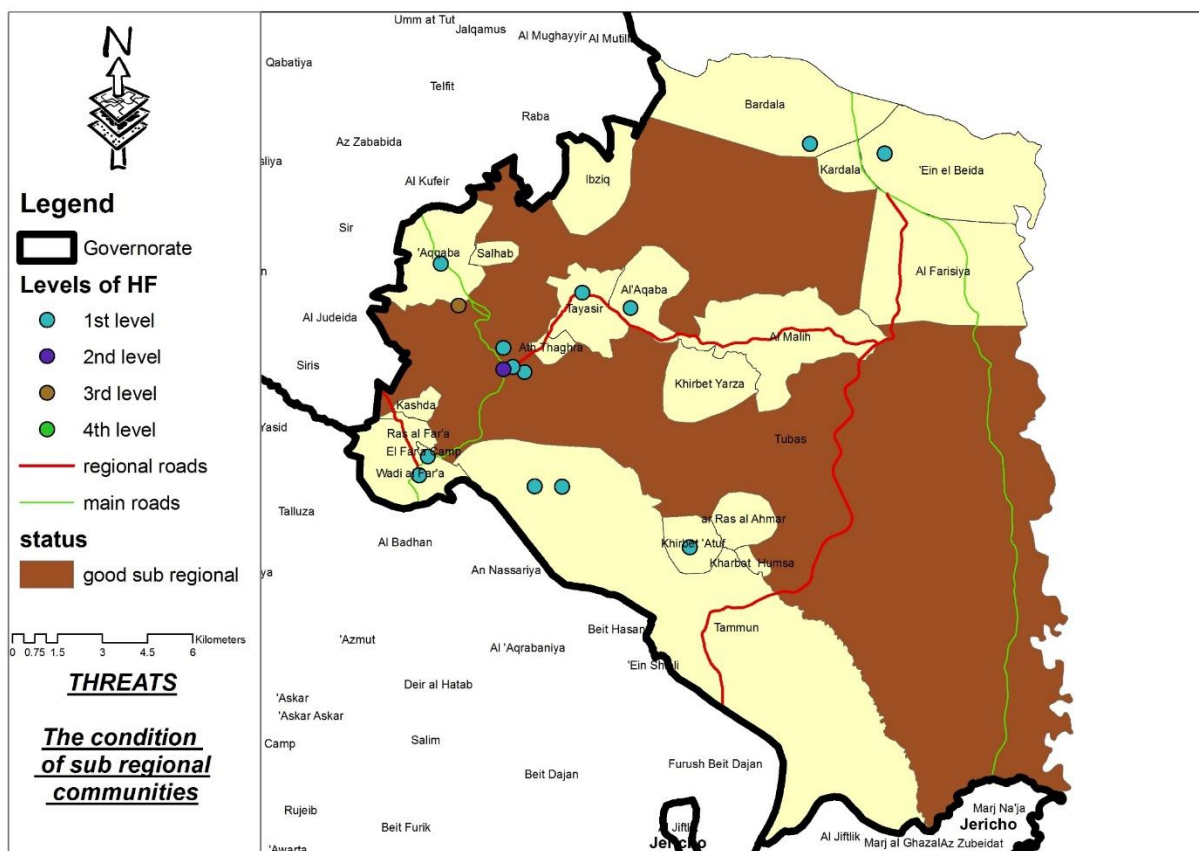
Map 41: Current Condition of Sub-Regional Communities in Tubas governorate

This map shows the condition of sub-regional communities in Jenin governorate
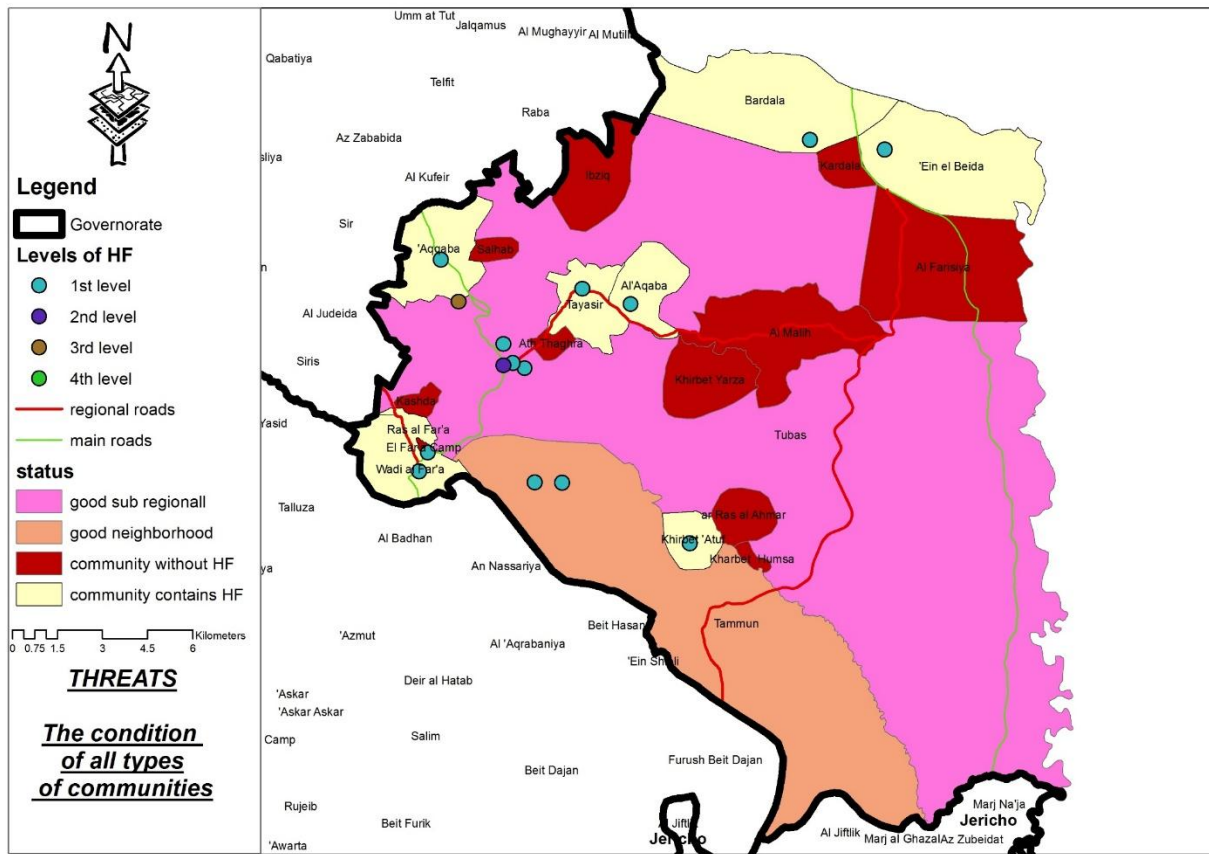
Map 42: Current Condition of all levels of Communities in Tubas governorate

This map shows the condition of all centers in Tubas according to HF.
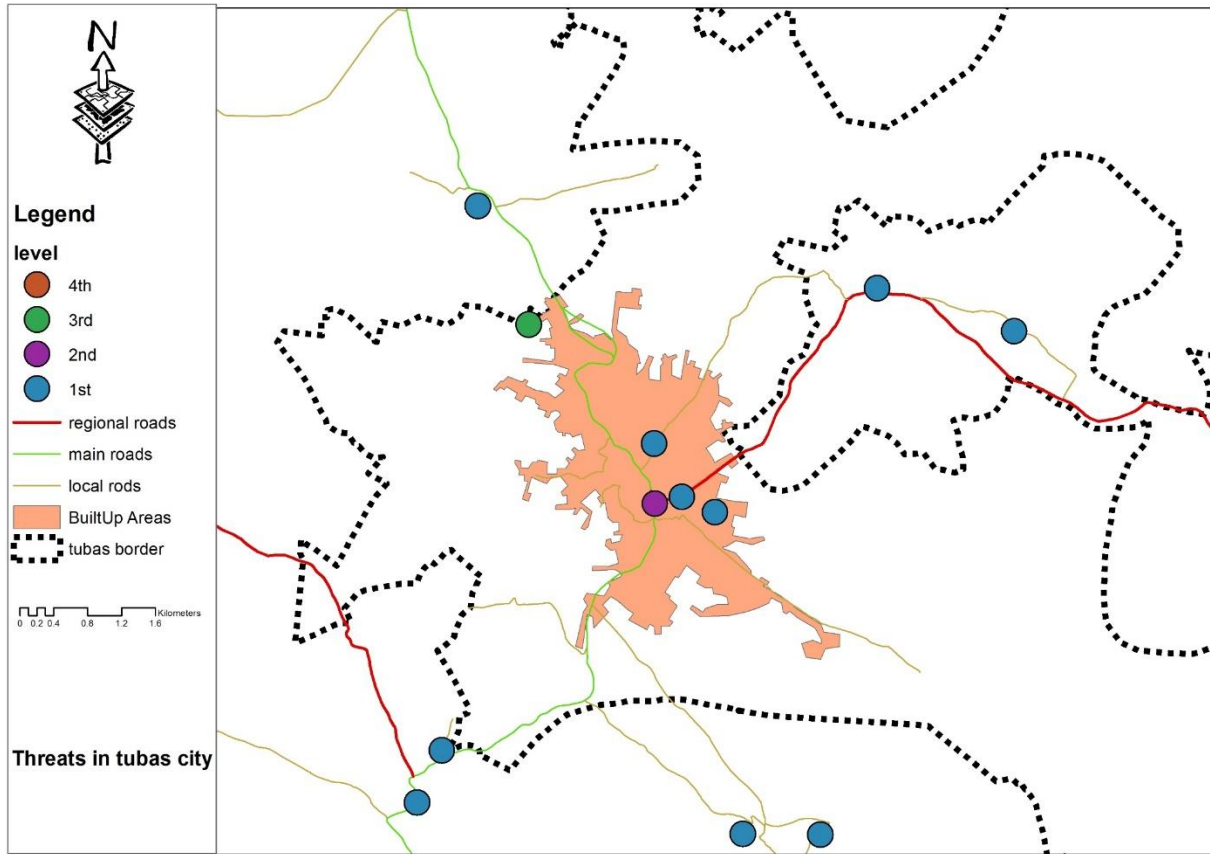
This map shows the distribution of all types of HF in Tubas city "sub regional center". From the map we can see the hospital locate in the north of the city which is not in the suitable sit in the city. North and south of the city unserved by any health centers.

3.2.3. QALQILYAH

Table 8: The Existing level of Qalqilyah City

Qalqilyah			
Regional	Sub Regional	Local	Neighborhood
	X	X	X
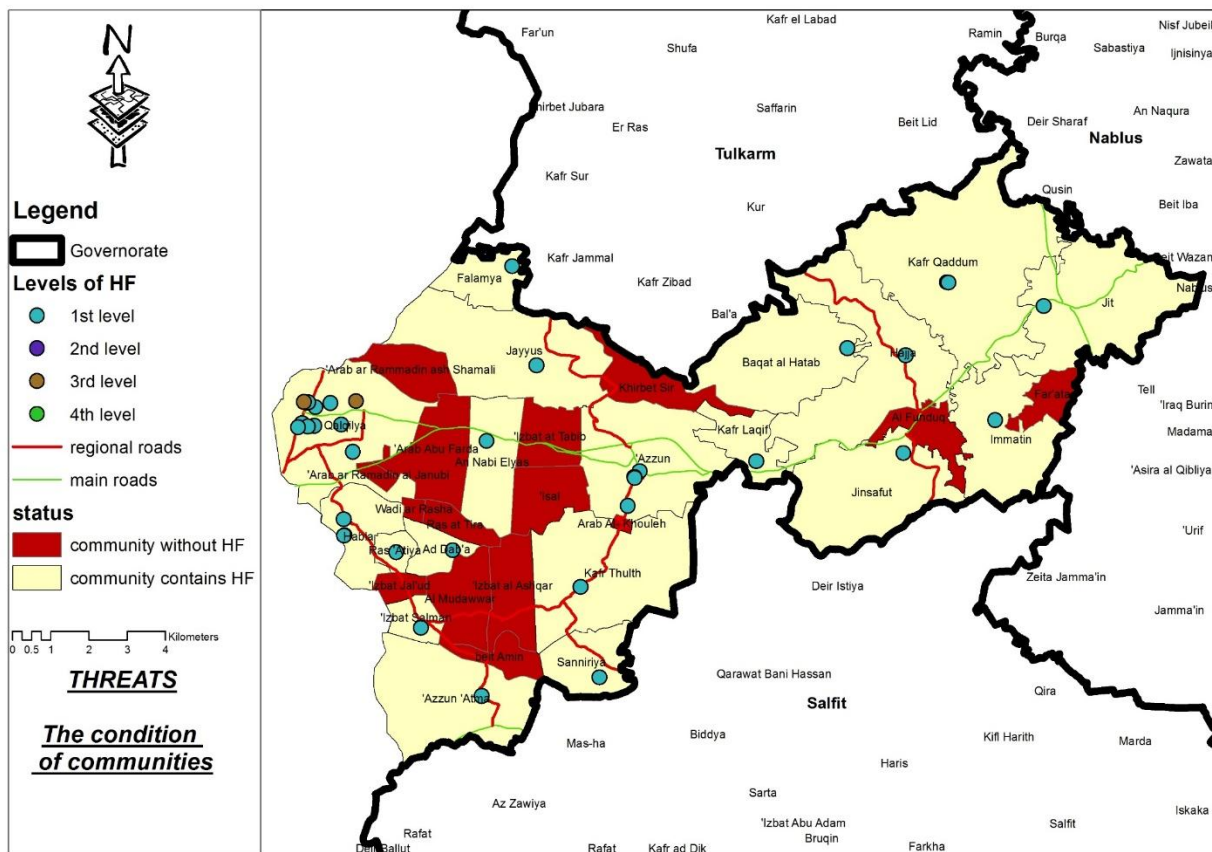
Map 44: Current Condition of Communities in Qalqilyah governorate

This map shows the condition of communities in Qalqilyah governorate.
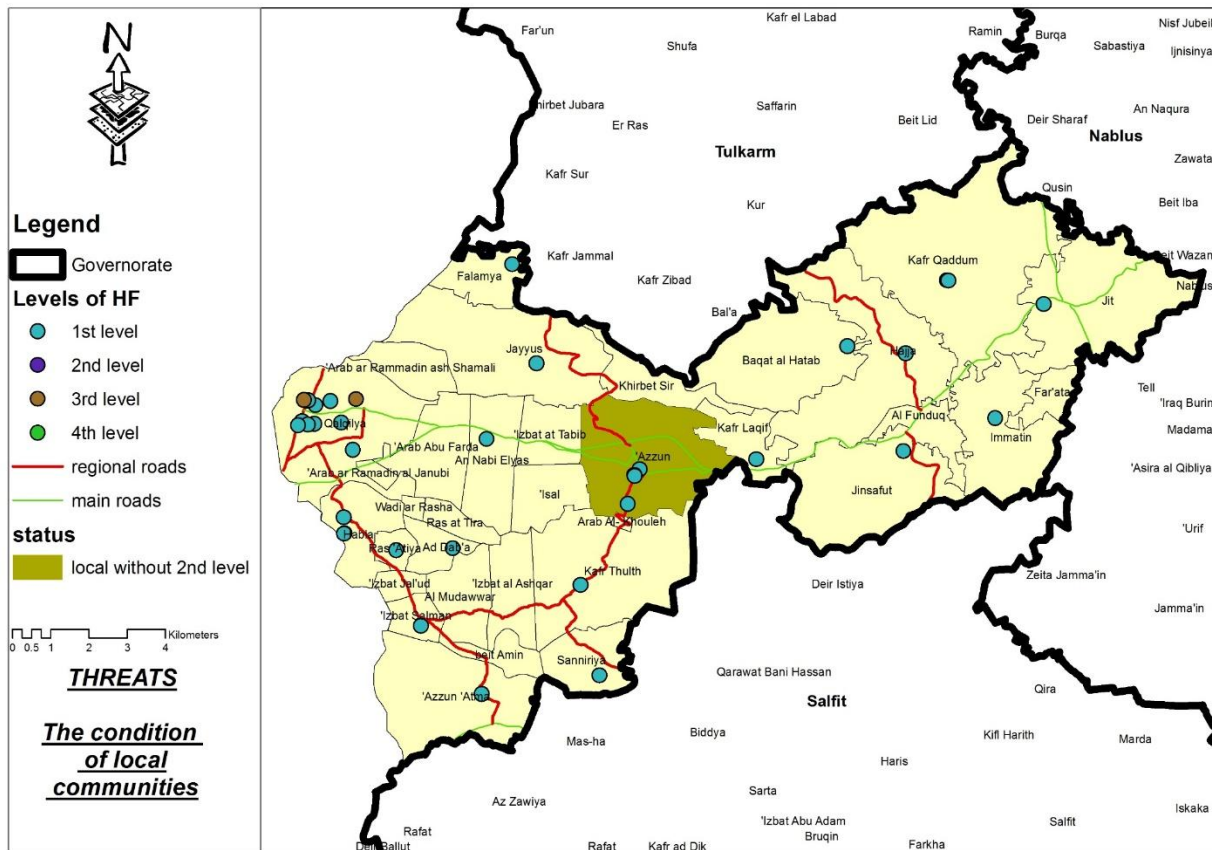
Map 45: Current Condition of Local Communities in Qalqilyah governorate

This map shows the condition of local communities in Qalqilyah governorate.

Map 46: Current Condition of Sub-Regional Communities in Qalqilyah governorate

This map shows the condition of sub-regional communities in Qalqilyah governorate.

Map 47: Current Condition of all levels of Communities in Qalqilyah governorate
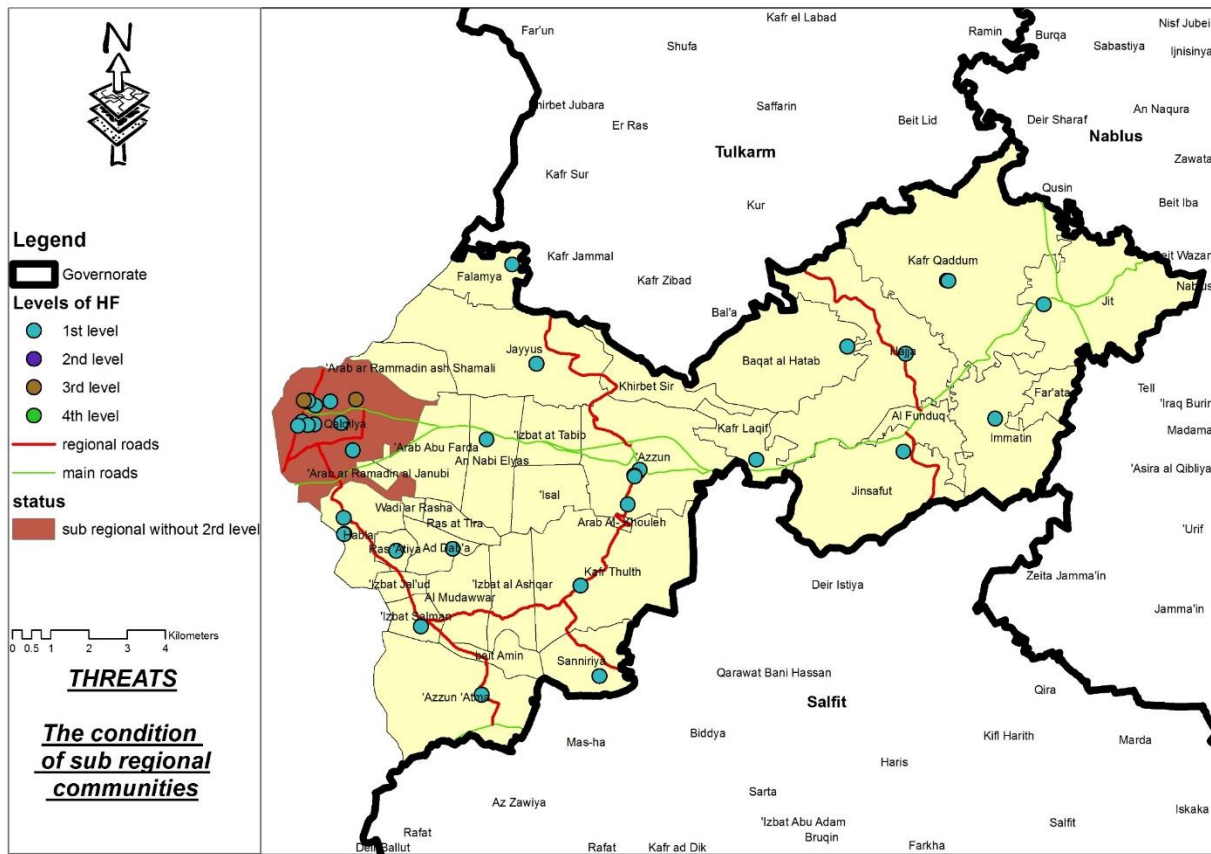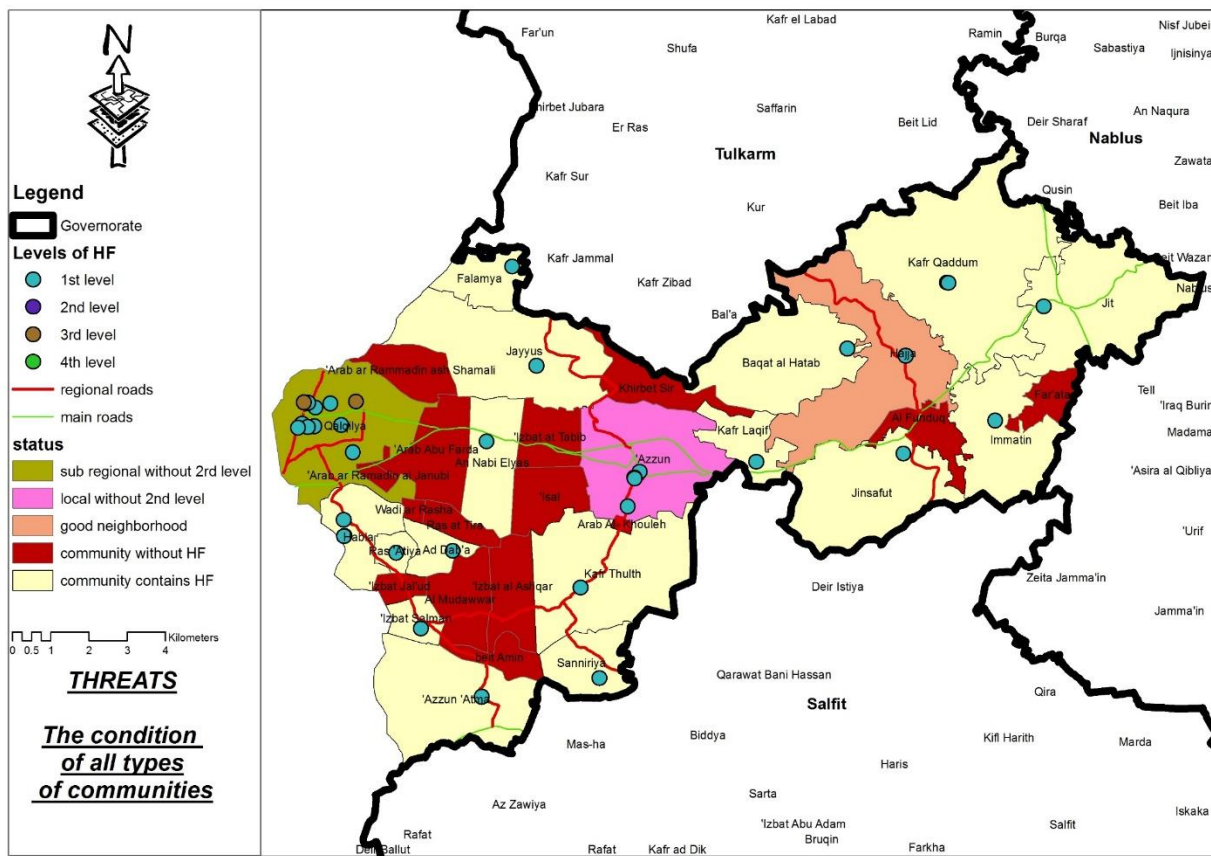
This map shows the condition of all centers in Qalqilyah according to HF.
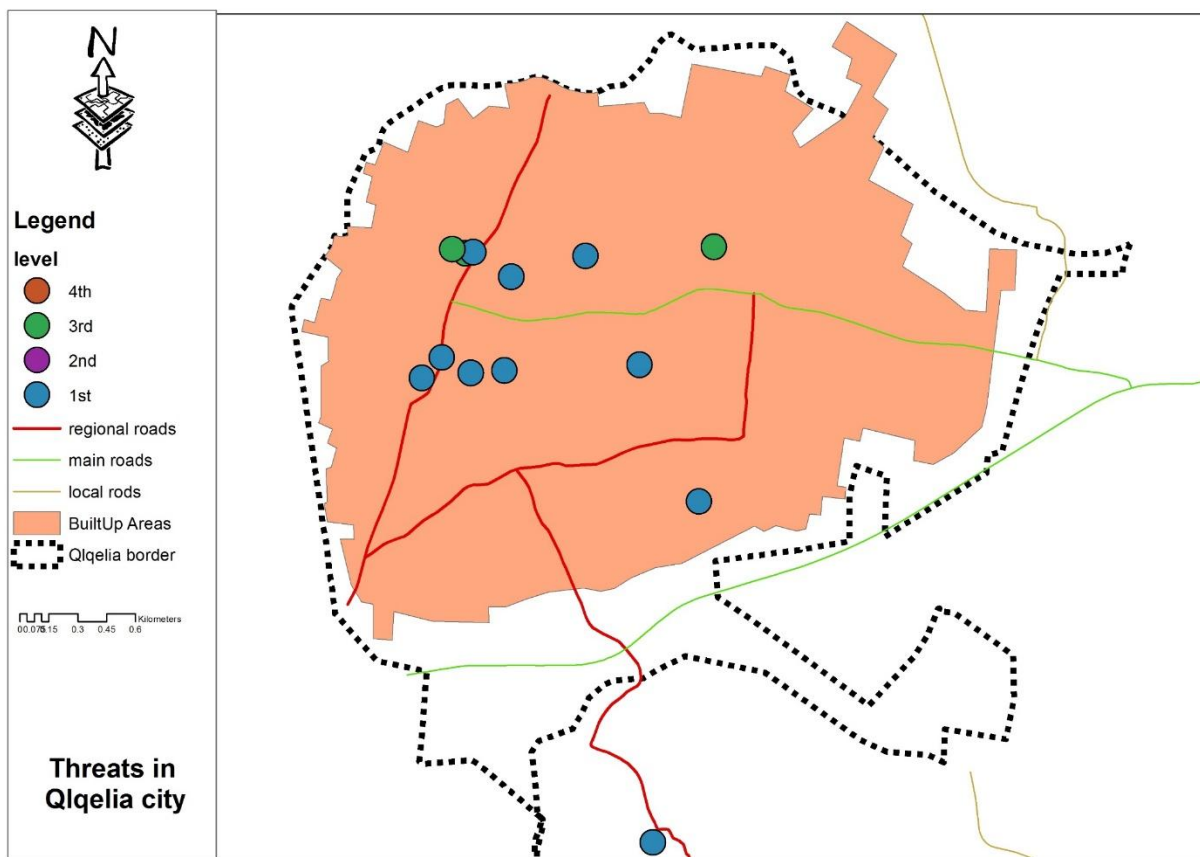
Map 48: Distribution of Health Facilities in Qalqilyah City

This map shows the distribution of all types of HF in Qalqilyah city "sub regional center". From the map we can see all the hospitals Concentrated in the north of the city which is not suitable site in the city. East of the city unserved by any health centers.

3.2.4. NABLUS

Table 9: The Existing level of Nablus City

Nablus			
Regional	Sub Regional	Local	Neighborhood
X		X	X

Map 49: Current Condition of Communities in Nablus governorate
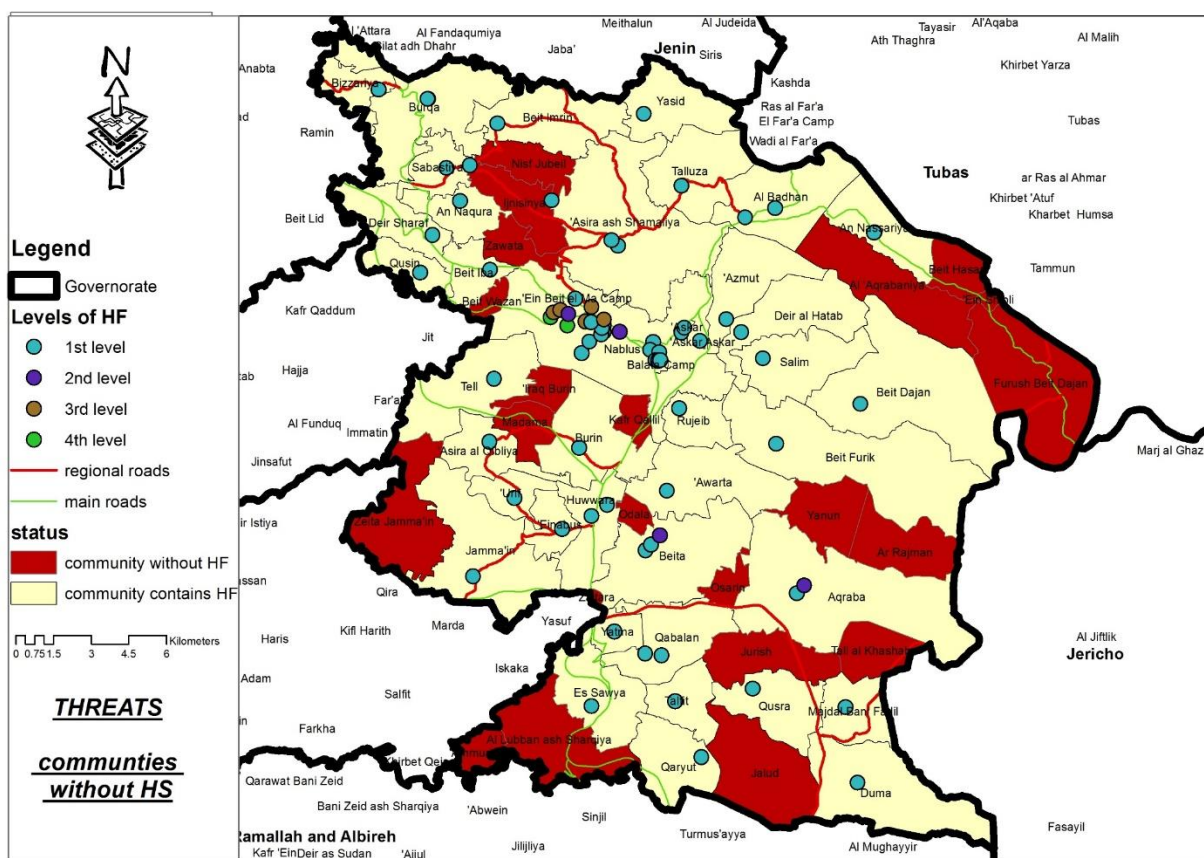
This map shows the condition of communities in Nablus governorate.
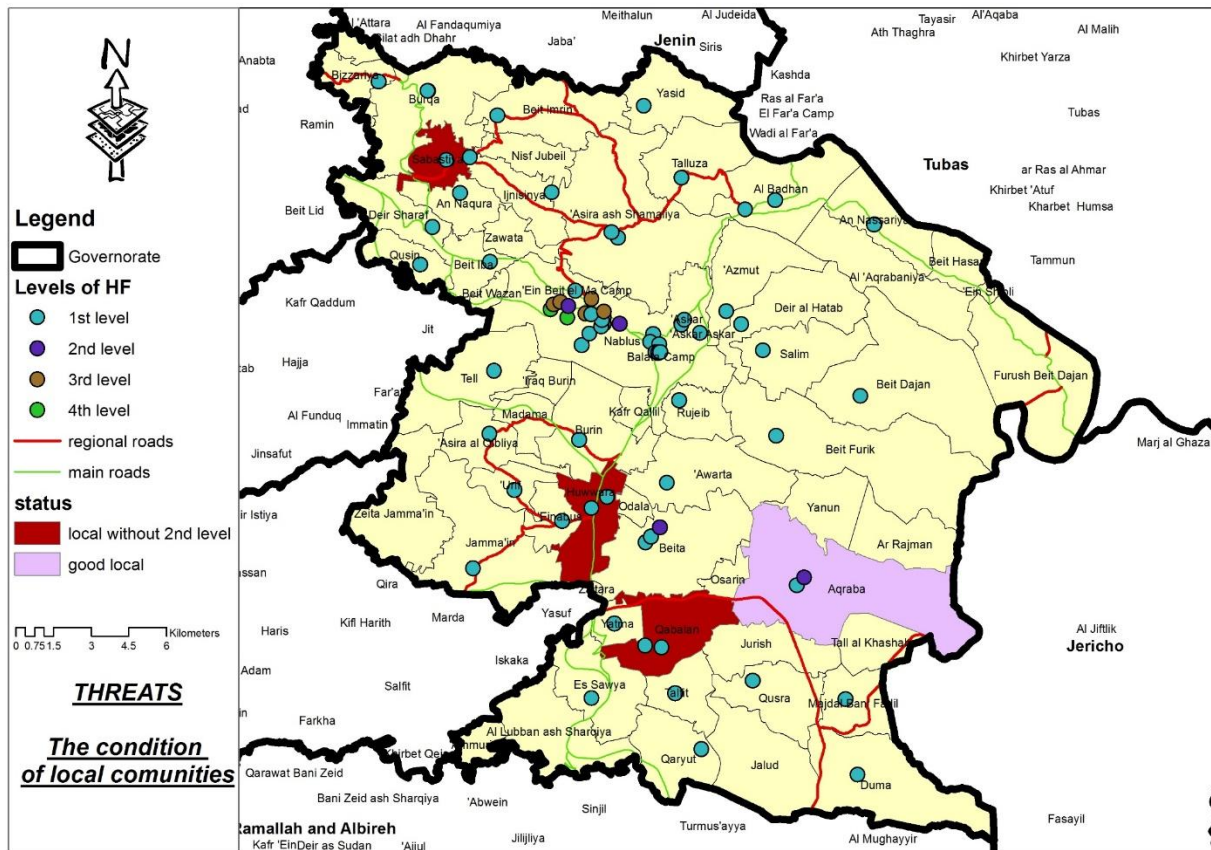
Map 50: Current Condition of Local Communities in Nablus governorate

This map shows the condition of local communities in Nablus governorate.
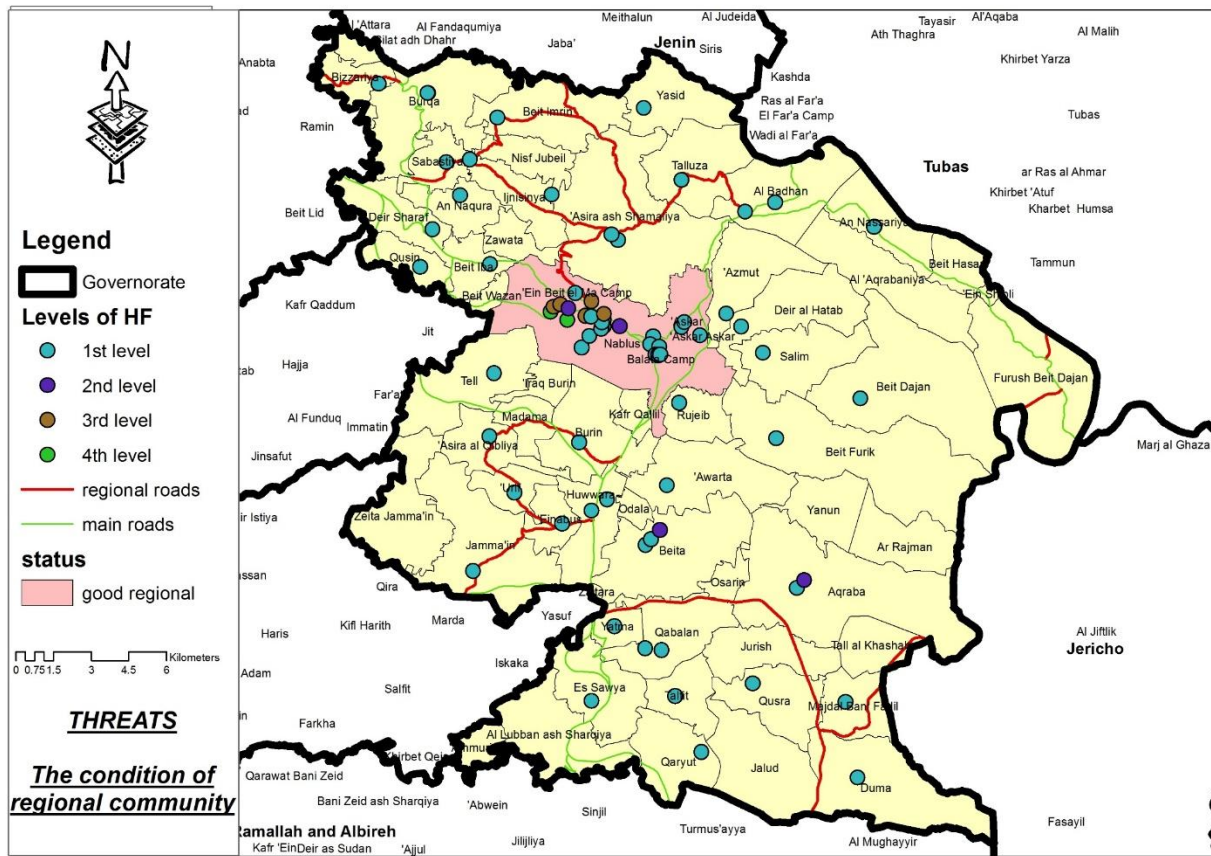
Map 51: Current Condition of Regional Communities in Nablus governorate

This map shows the condition of regional communities in Nablus governorate.
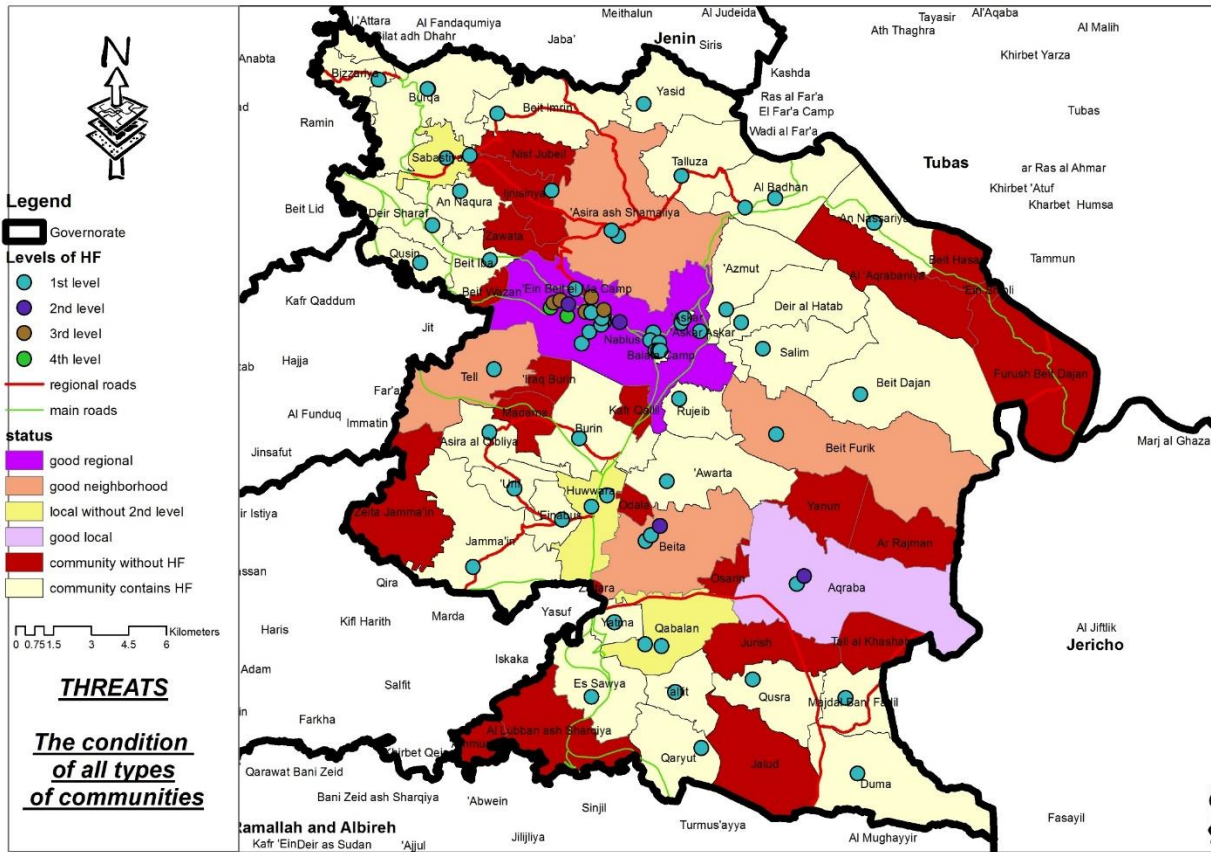
Map 52: Current Condition of all levels of Communities in Nablus governorate

This map shows the condition of all centers in Nablus according to HF.
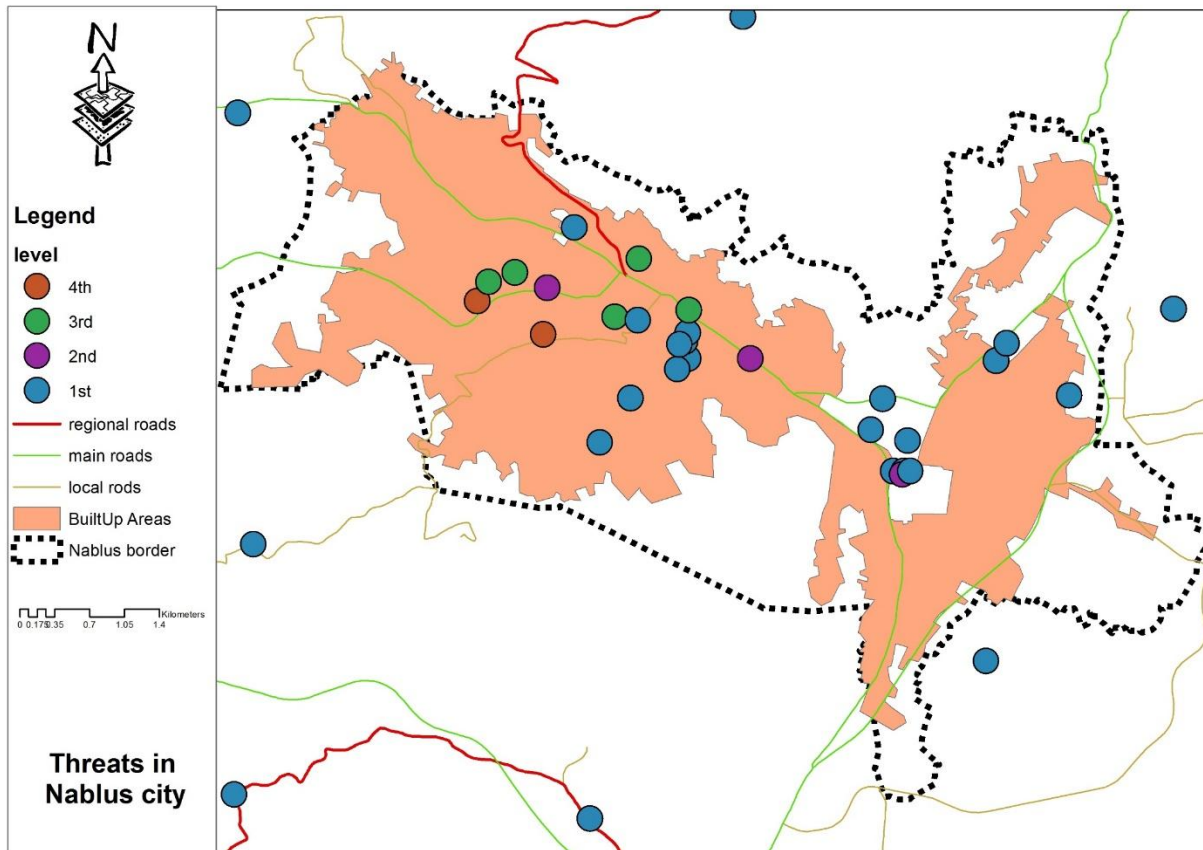
This map shows the distribution of all types of HF in Nablus city "regional center". From the map we can see all the hospitals Concentrated in the west of the city because of this the eastern side unserved by any hospital.

3.2.5. TULKAREM

Table 10: The Existing level of Tulkarem City

Tulkarem			
Regional	Sub Regional	Local	Neighborhood
	X	X	X
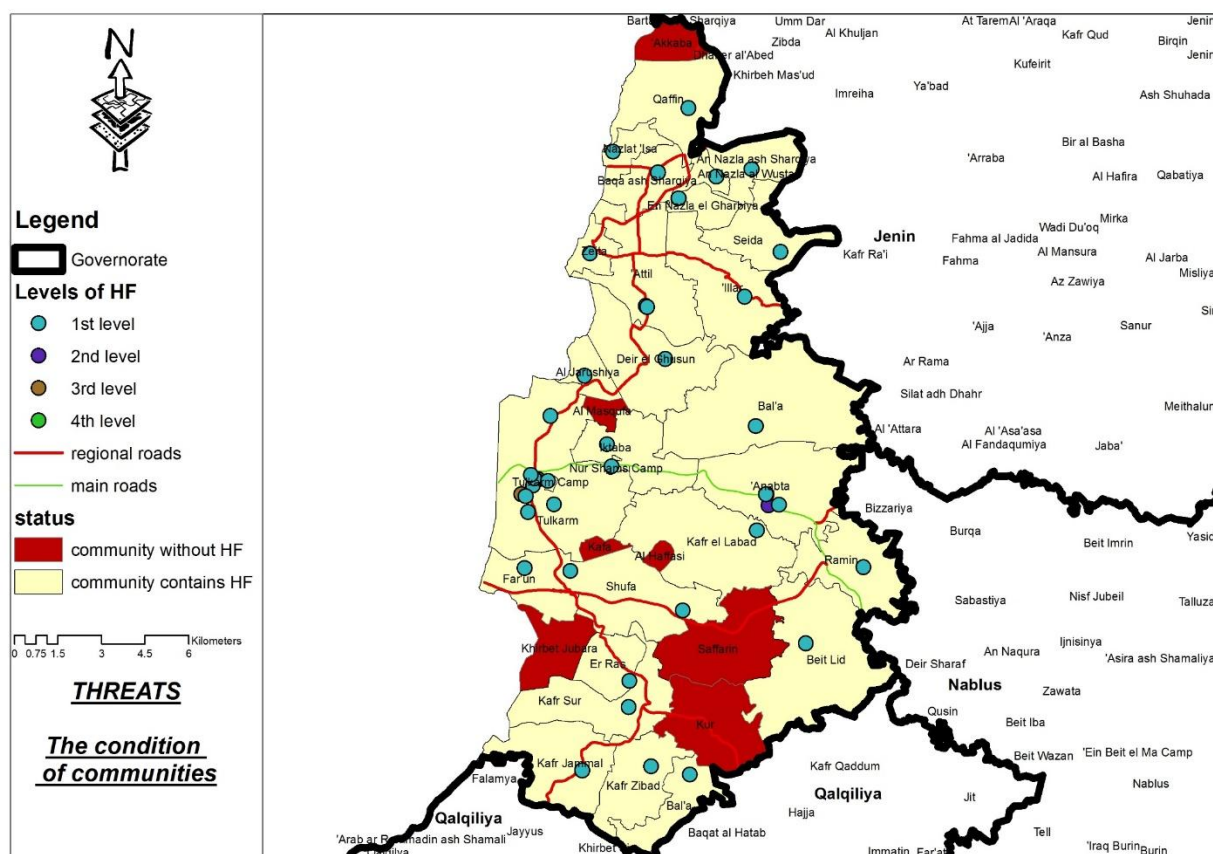
Map 54: Current Condition of Communities in Tulkarem governorate

This map shows the condition of communities in Tulkarem governorate.
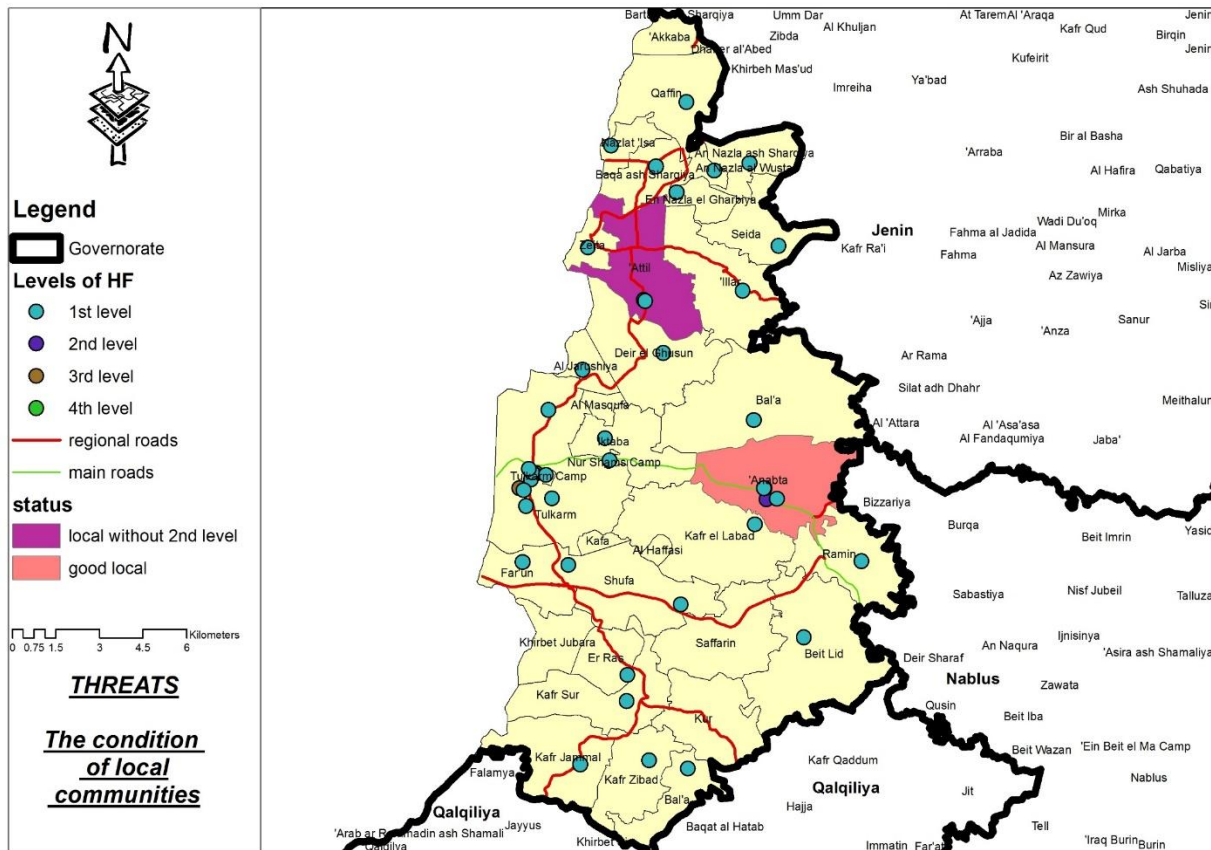
Map 55: Current Condition of Local Communities of Tulkarem governorate

This map shows the condition of local communities in Tulkarem governorate.
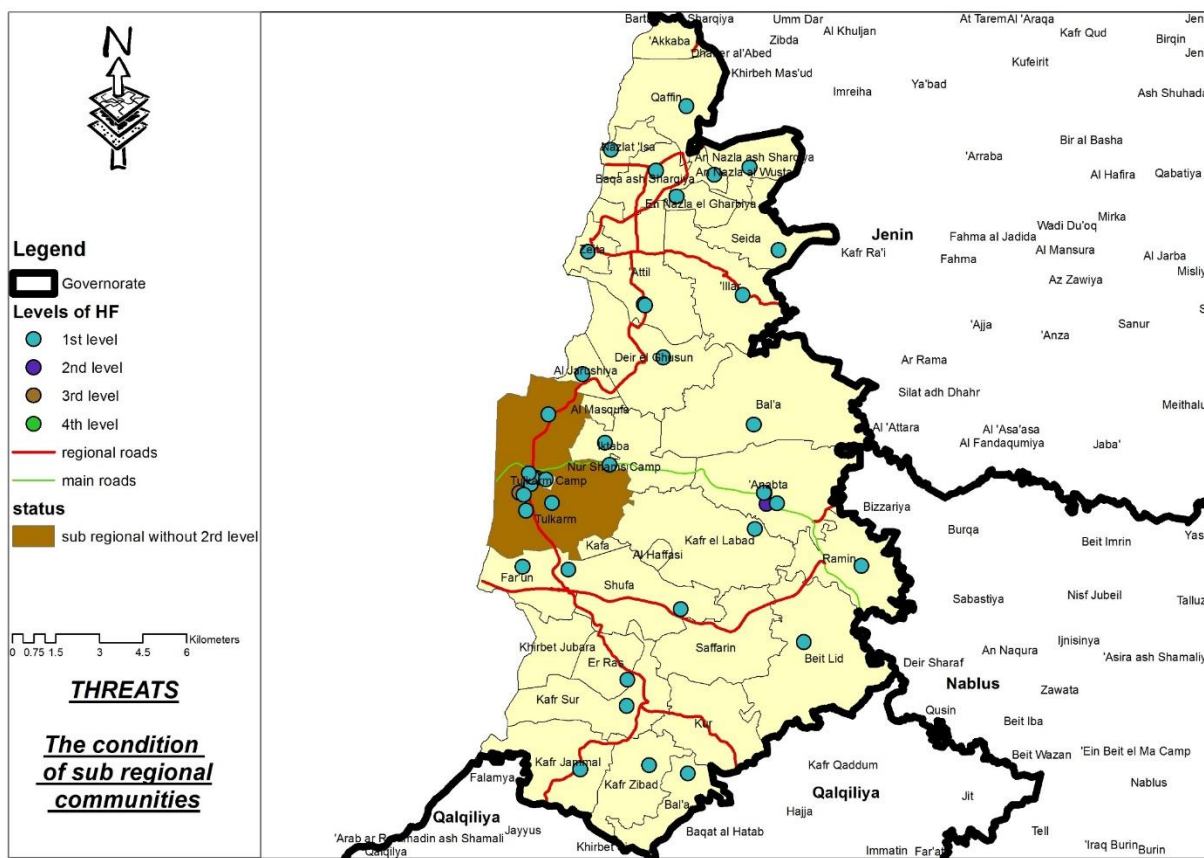
Map 56: Current Condition of Sub-Regional Communities of Tulkarem governorate

This map shows the condition of sub-regional communities in Tulkarem governorate.
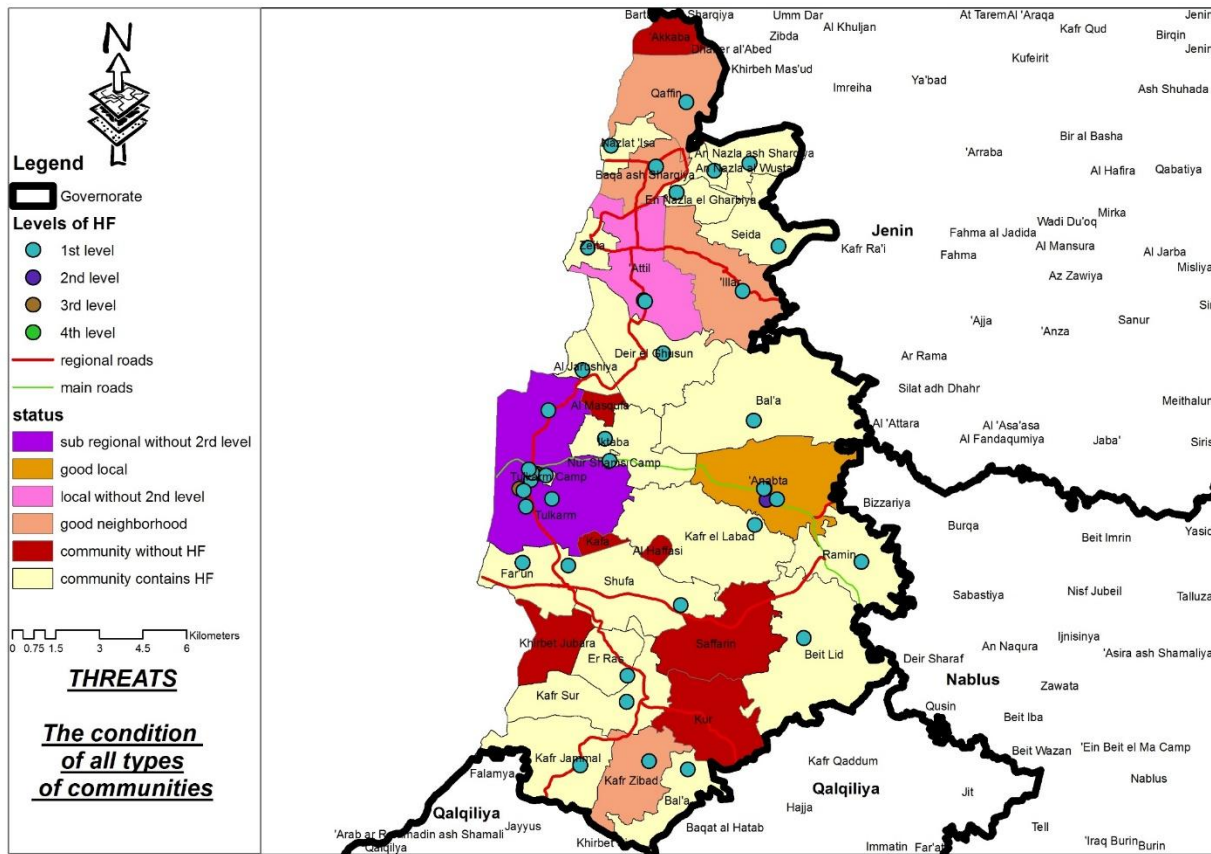
Map 57: Current Condition of all levels of Communities in Tulkarem governorate

This map shows the condition of all centers in Tulkarem according to HF.
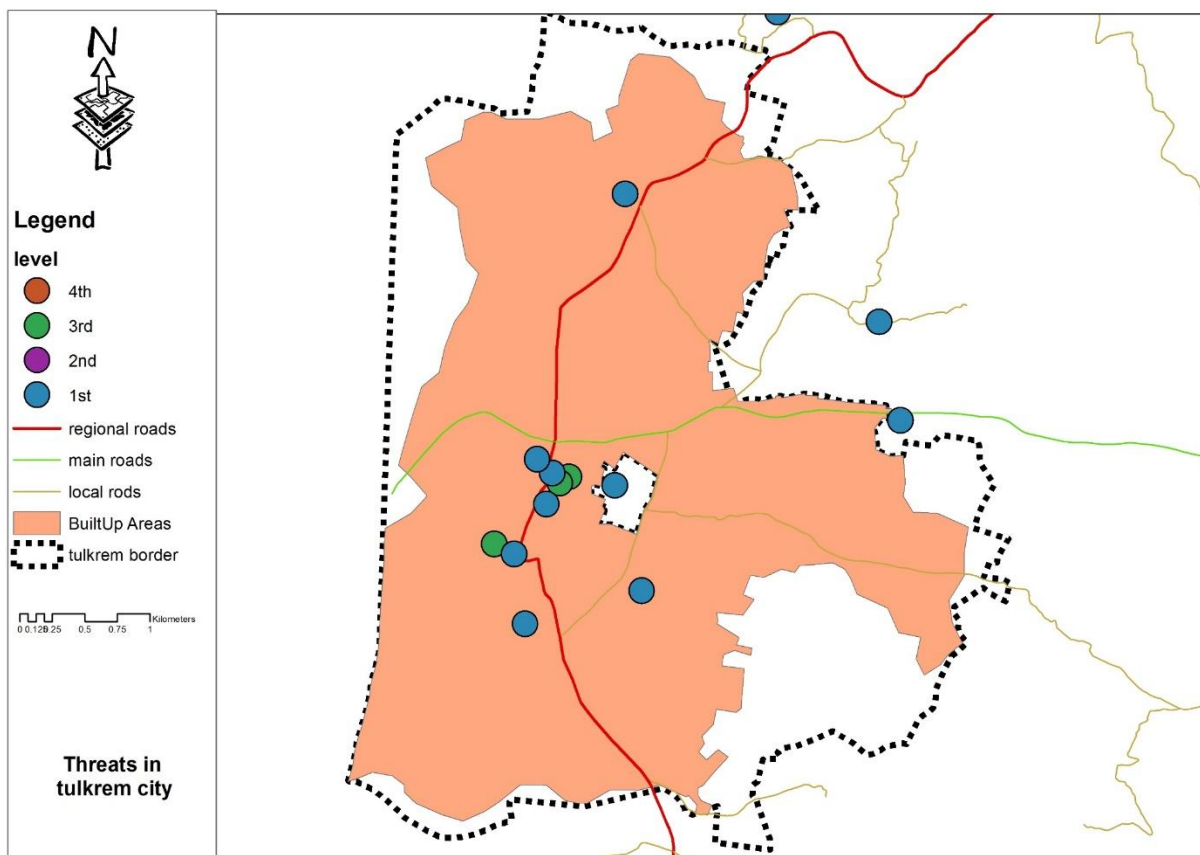
Map 58: Distribution of HF in Tulkarem City

This map shows the distribution of all types of HF in Tulkarem city "sub regional center". From the map we can see all the hospitals Concentrated in the west of the city because of this the eastern side unserved by any hospital, moreover the eastern side unserved by any health centers.

3.2.6. SALFIT

Table 11: The Existing level of Salfit City

Salfit			
Regional	Sub Regional	Local	Neighborhood
	X	X	X

Map 59: Current Condition of Communities in Salfit governorate
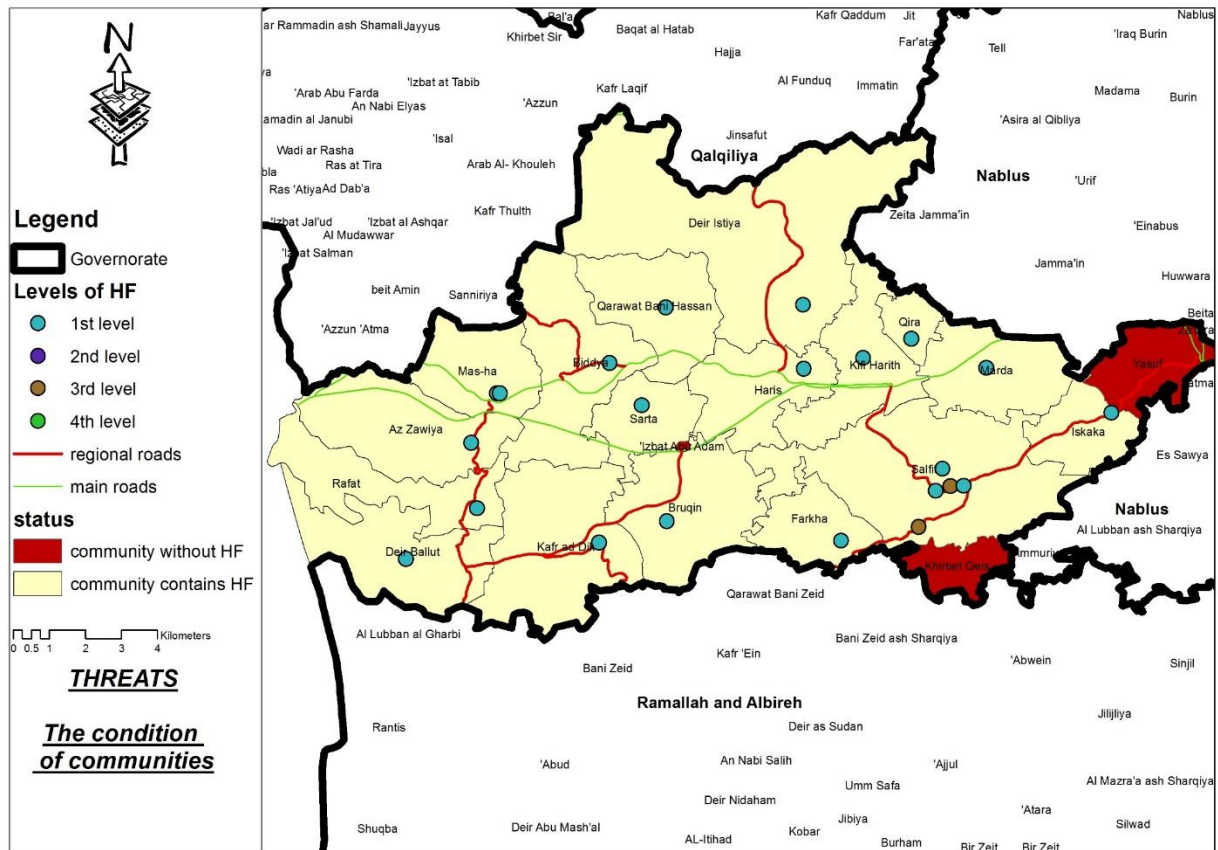
This map shows the condition of communities in Salfit governorate.
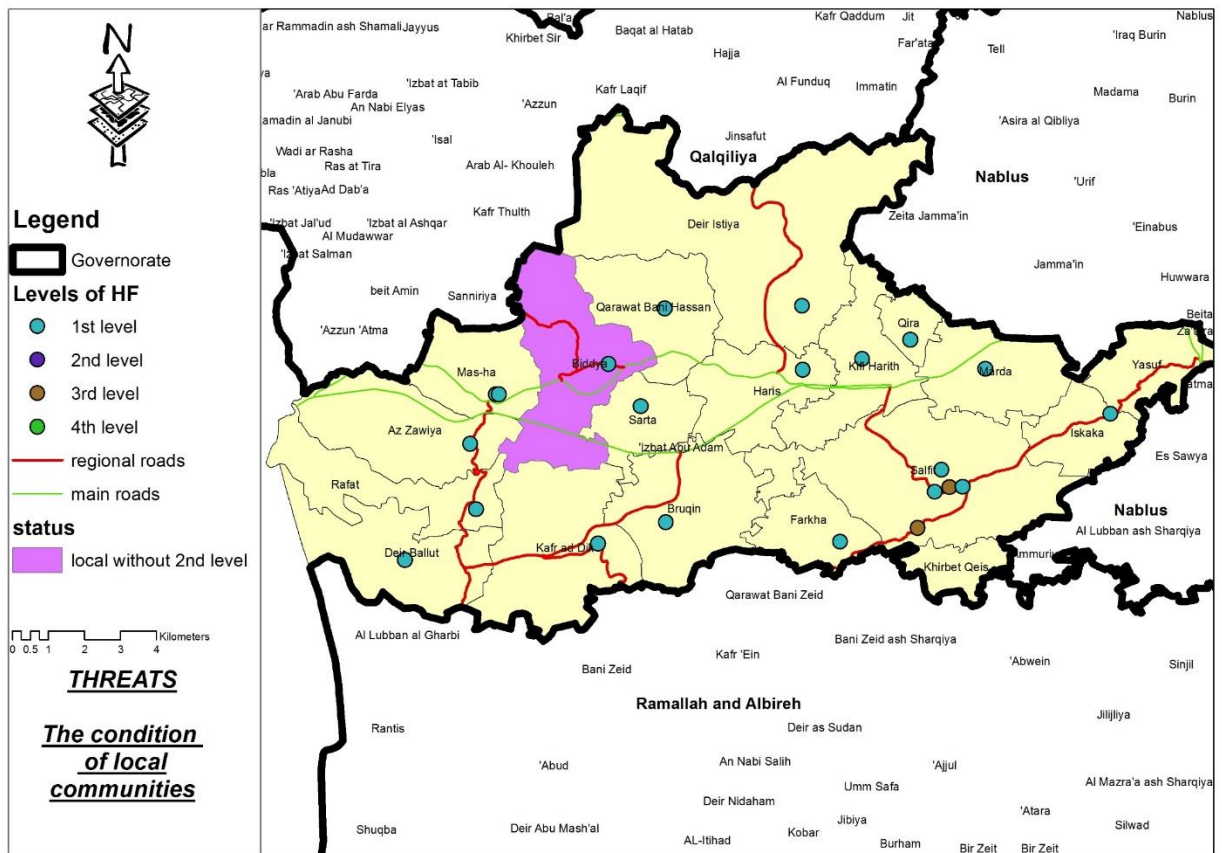
Map 60: Current Condition of local Communities in Salfit governorate

This map shows the condition of local communities in Tulkarem governorate.
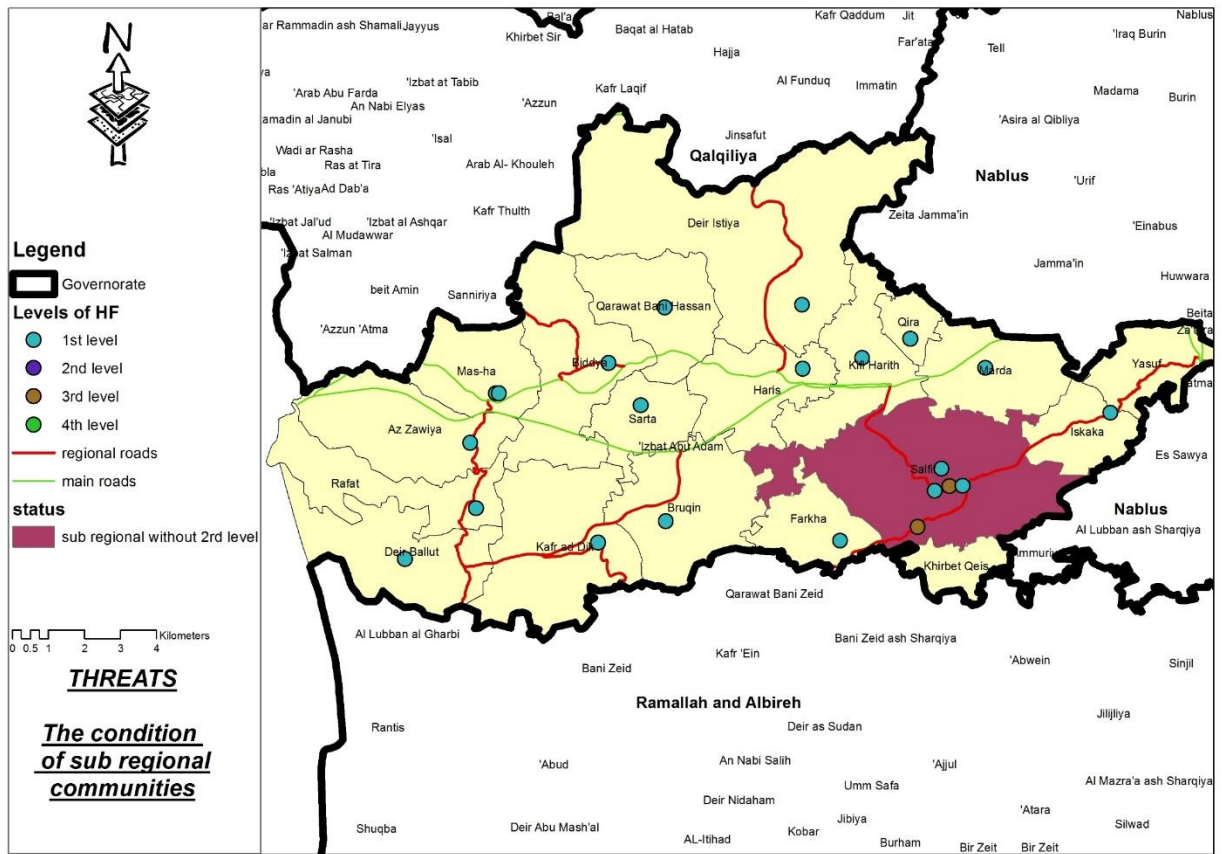
Map 61: Current Condition of Sub-Regional Communities in Salfit governorate

This map shows the condition of HF in sub regional centers in Salfit. Governorate
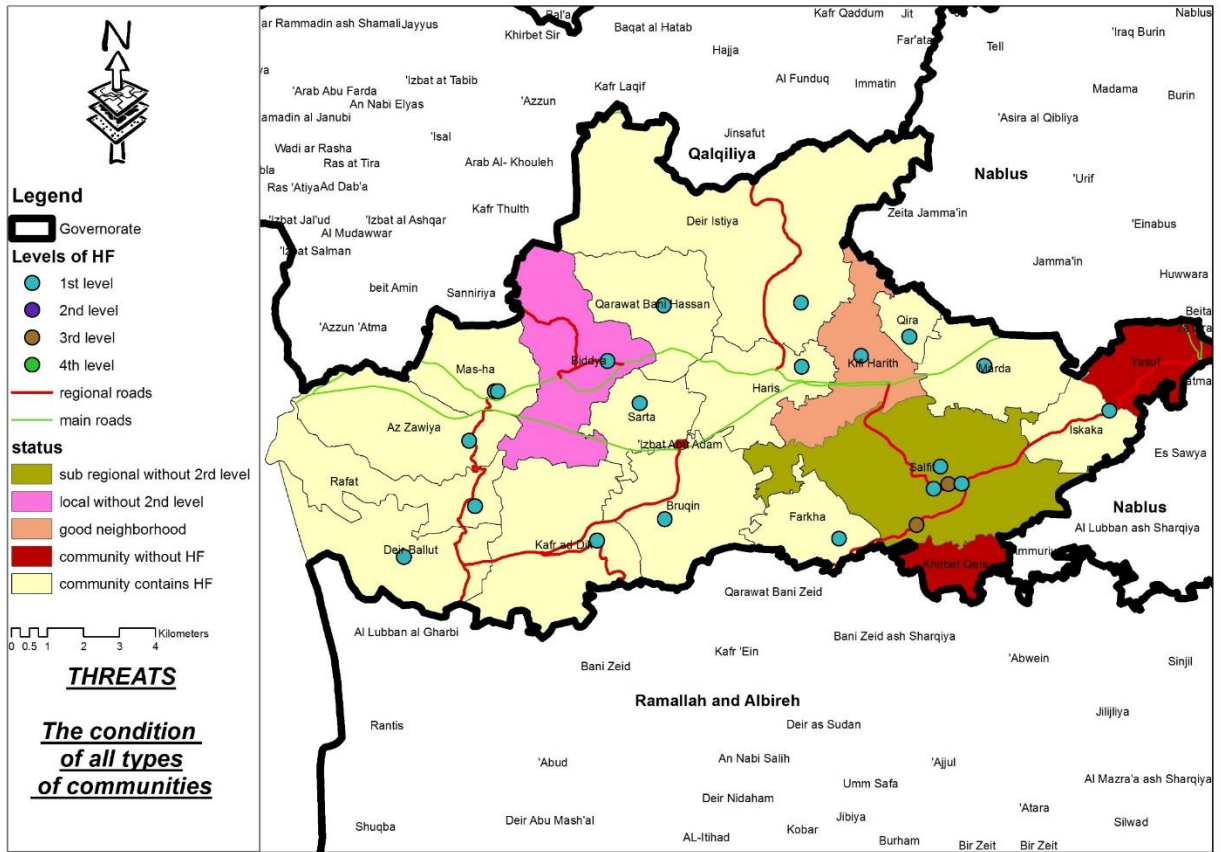
Map 62: Current Condition of all levels of Communities in Salfit governorate

This map shows the condition of all centers in Salfit according to HF.
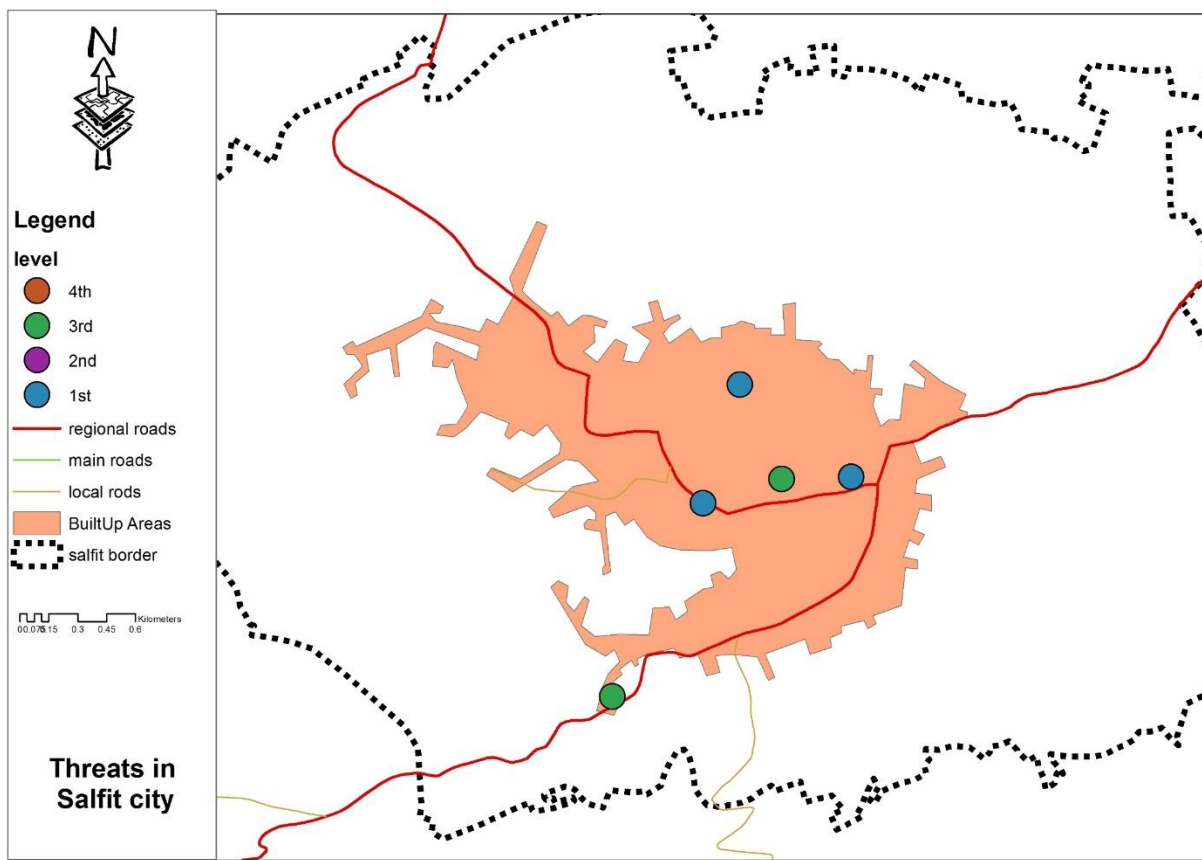
Map 63: Distribution of Health Facilities in Salfit CITY

This map shows the distribution of all types of HF in Salfit city " sub regional center". From the map we can see the western side of the city unserved by any hospital, moreover the western side unserved by any health centers.

3.2.7. RAMALLAH AND AL BEIRH

Table 12: The Existing level of Ramallah City

Ramallah and al Bierh			
Regional	Sub Regional	Local	Neighborhood
X		X	X

Map 64: Current Condition of Communities in Ramallah and al-Bireh governorate
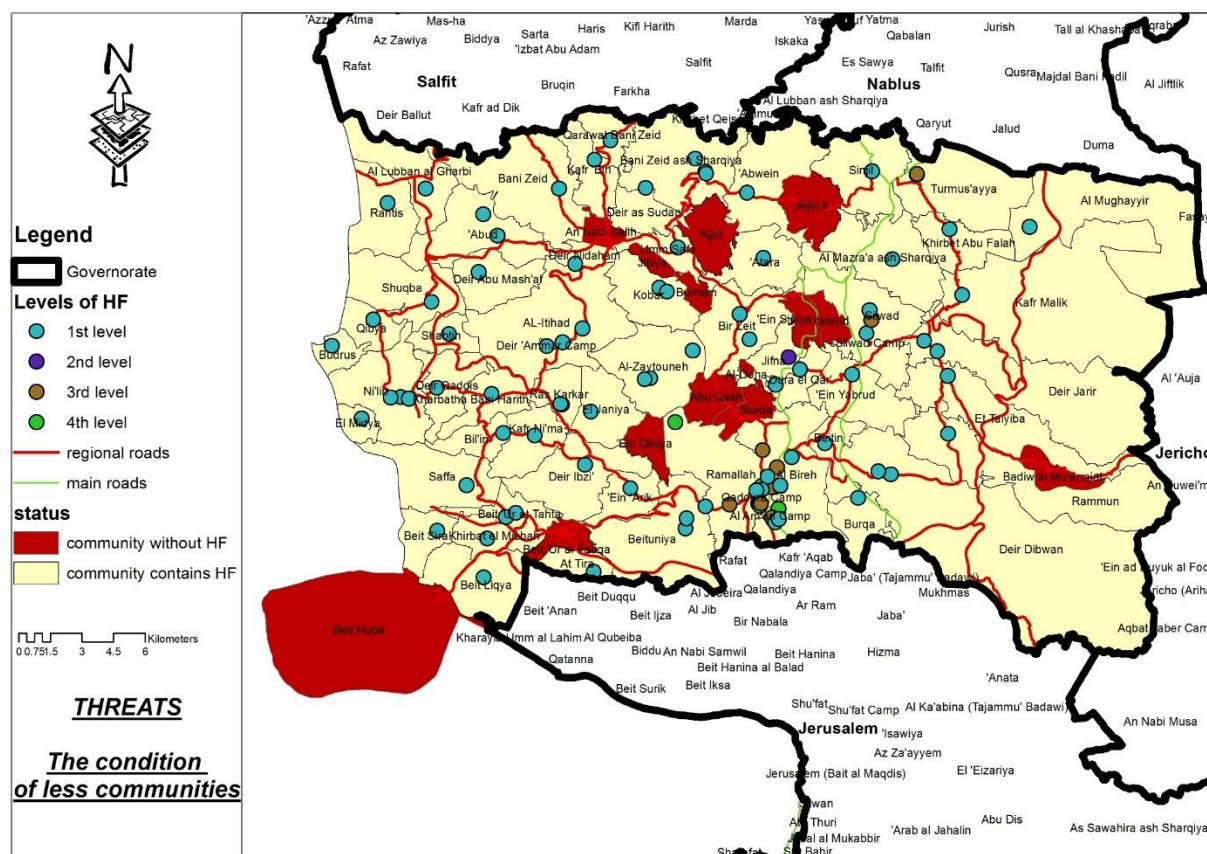
This map shows the condition of communities in Ramallah governorate.

Map 65: Current Condition of Local Communities in Ramallah and Al-beirh governorate
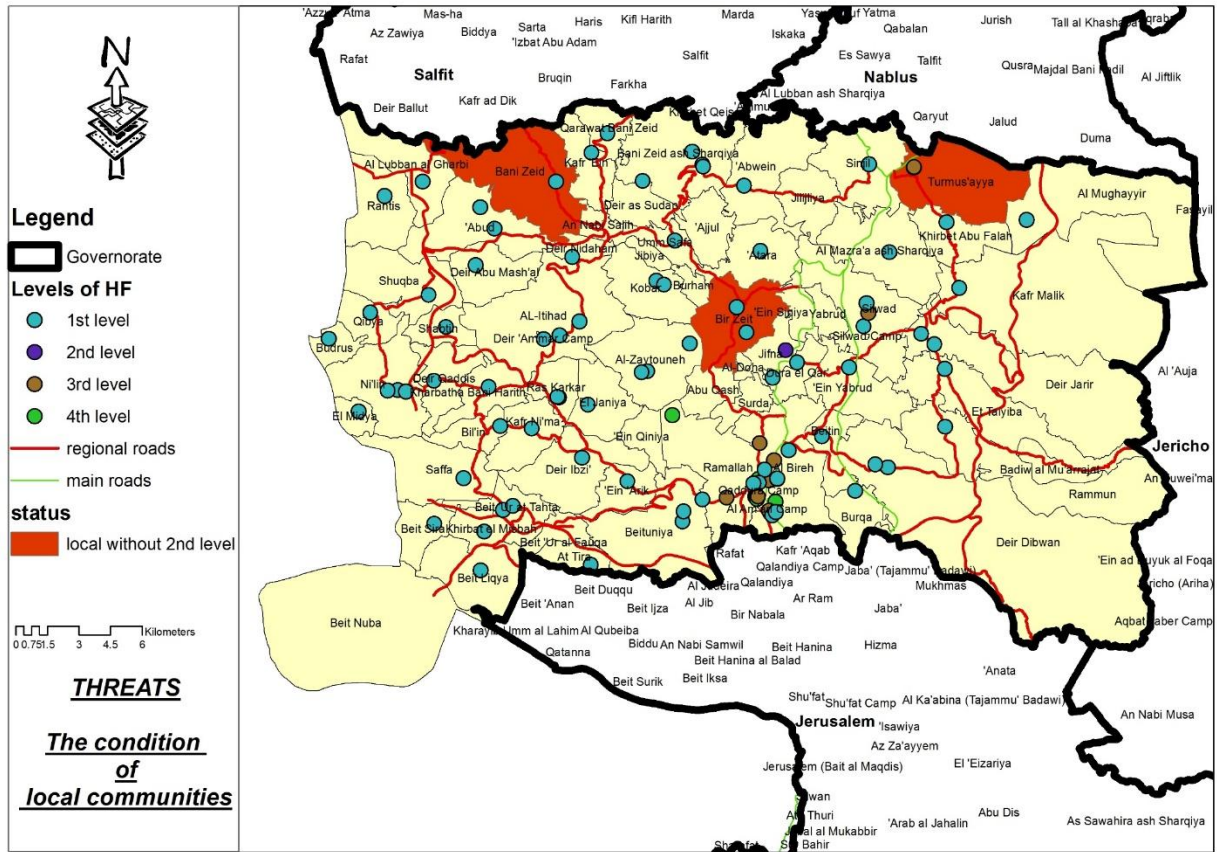
This map shows the condition of HF in local centers in Ramallah.
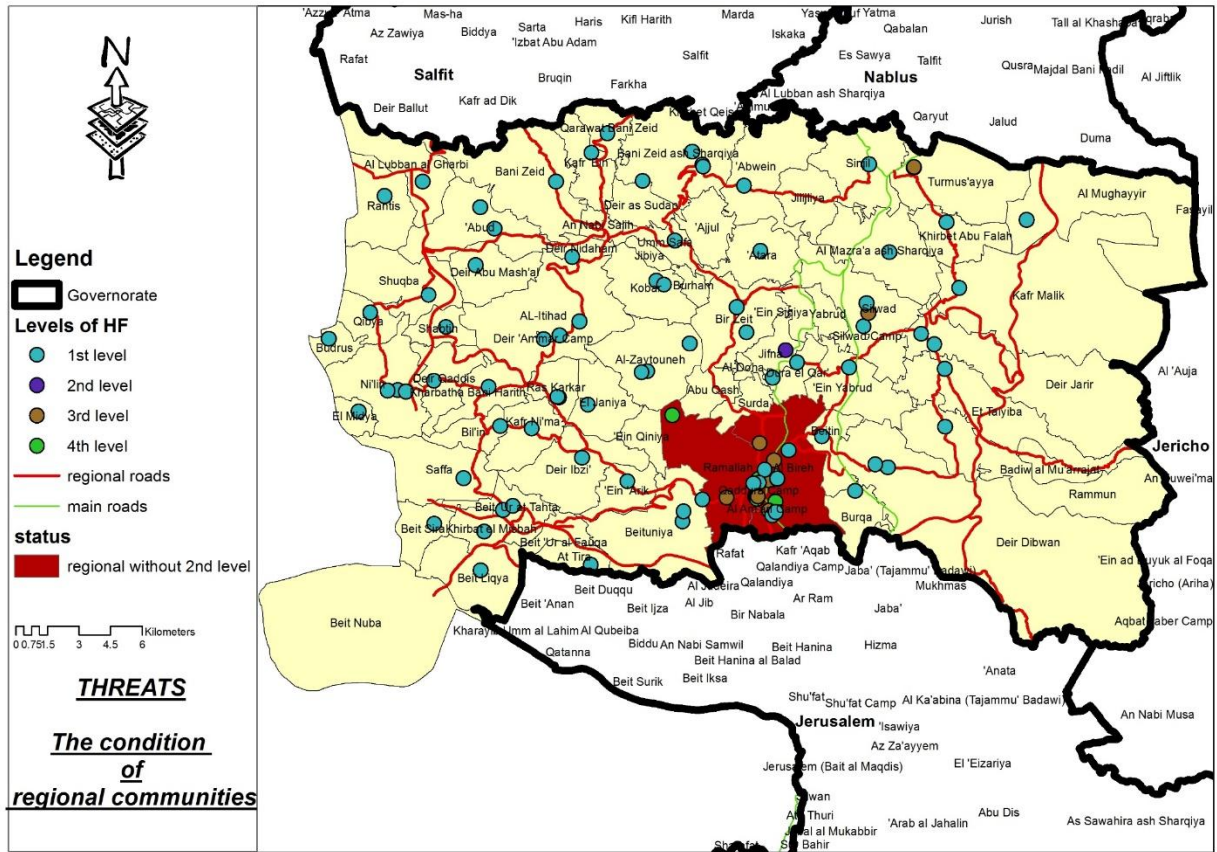
Map 66: Current Condition of Regional Communities in Ramallah and Al-berih Governorate

This map shows the condition of HF in regional centers in Ramallah. And Al-bierah governorate
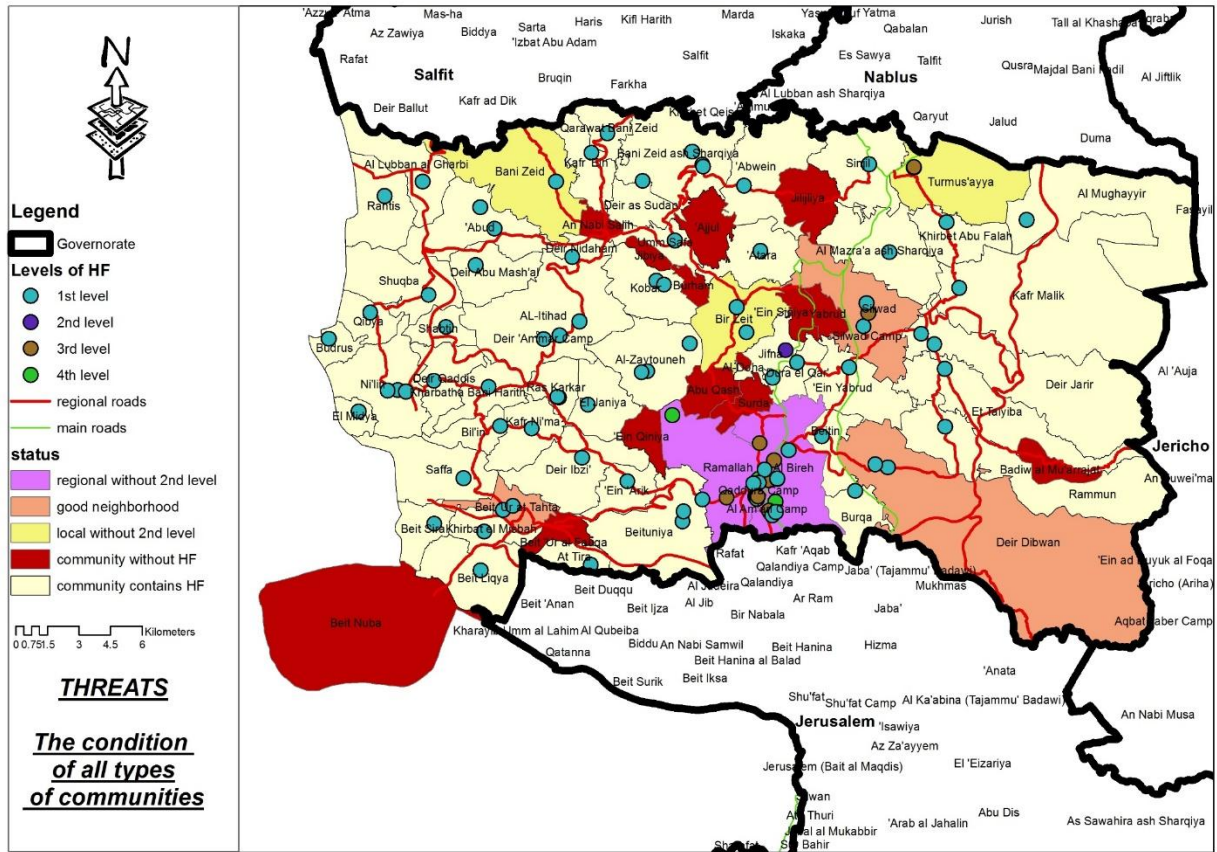
Map 67: Current Condition of all levels of Communities in Ramallah and Al-berih governorate

This map shows the condition of all centers in Ramallah and Al-berih governorate according to HF.
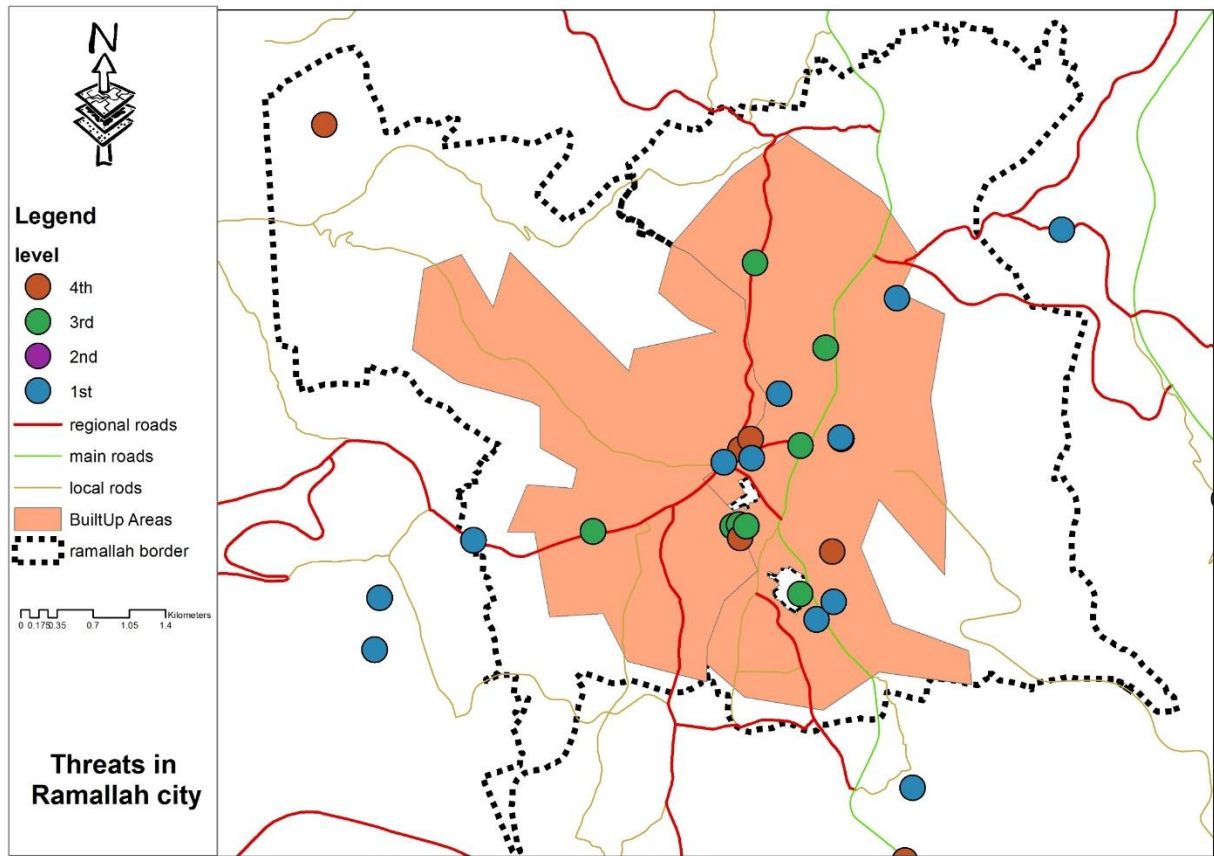
Map 68: Distribution of Health Facilities in Ramallah City

This map shows the distribution of all types of HF in Ramallah city "regional center". From the map we can see the western side of the city unserved by any health centers.

Table 13: The Existing level of Jerusalem City

Jerusalem			
Regional	Sub Regional	Local	Neighborhood
	X	X	X

Map 69: Current Condition of Communities in Jerusalem governorate
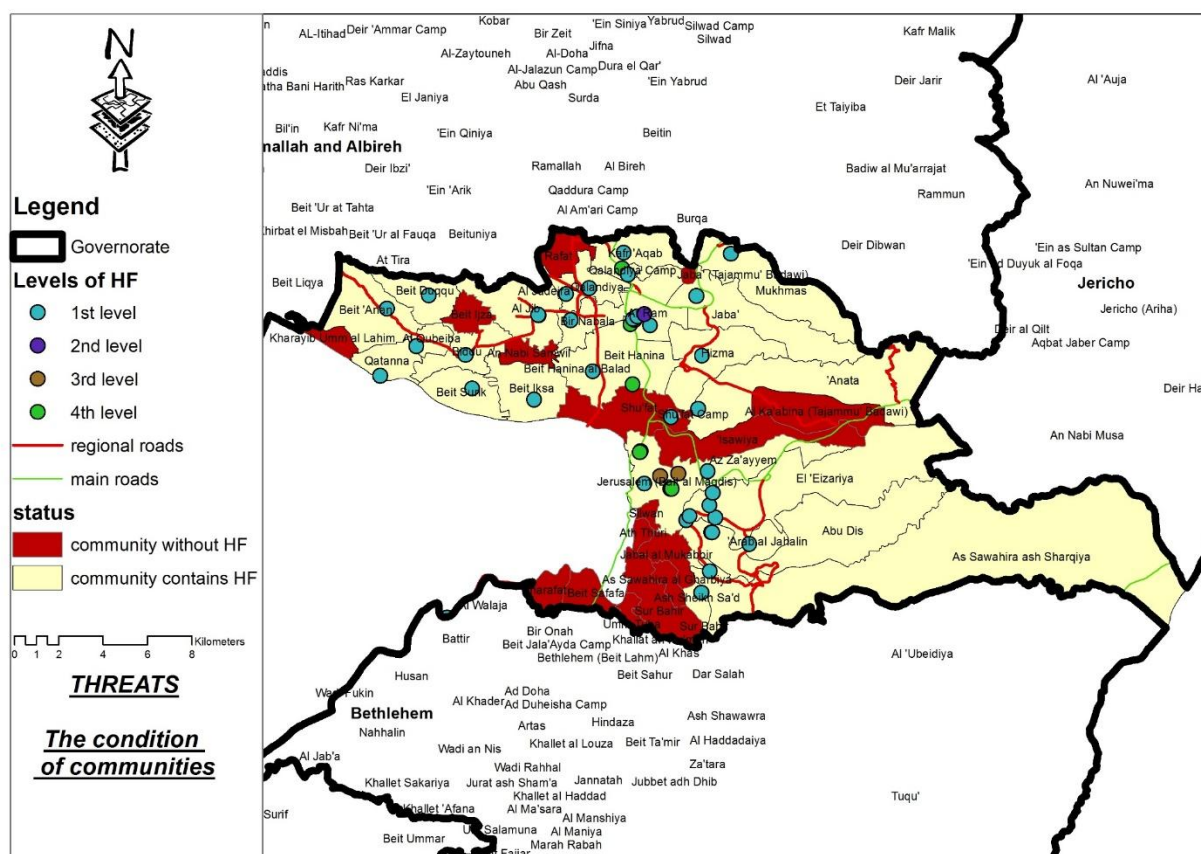
This map show the condition of communities in Jerusalem governorate.
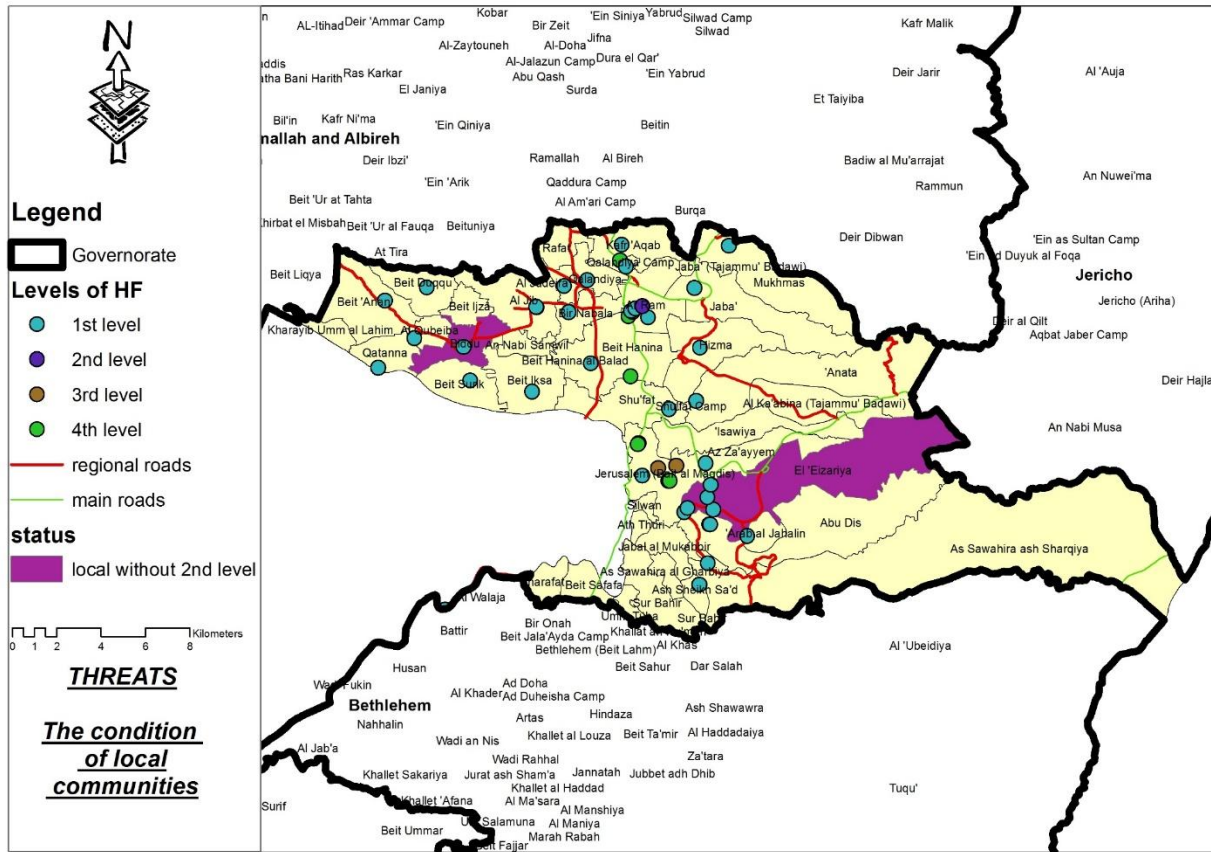
Map 70: Current condition of local Communities in Jerusalem governorate

This map show the condition of HF in local centers in Jerusalem.
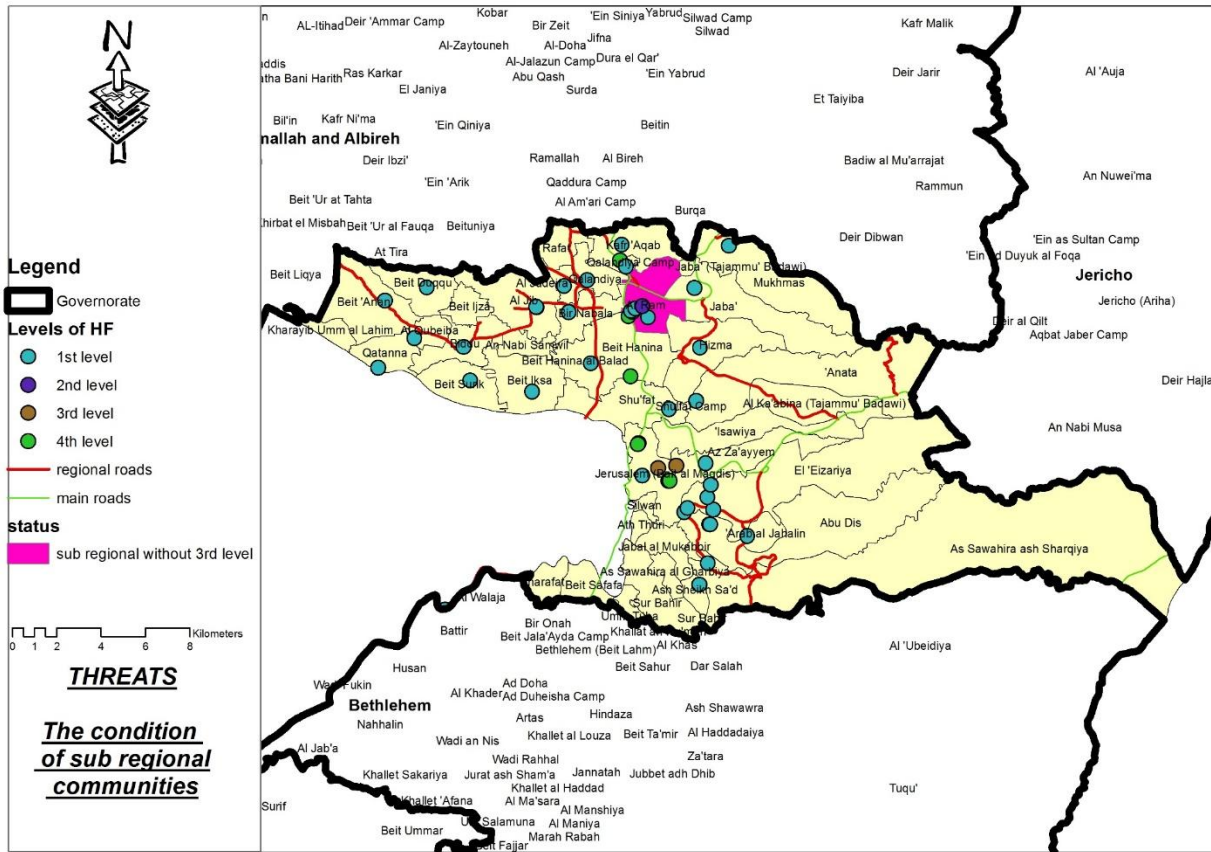
Map 71: Current Condition of Sub-Regional Communities in Jerusalem governorate

This map show the condition of HF in sub regional centers in Jerusalem.
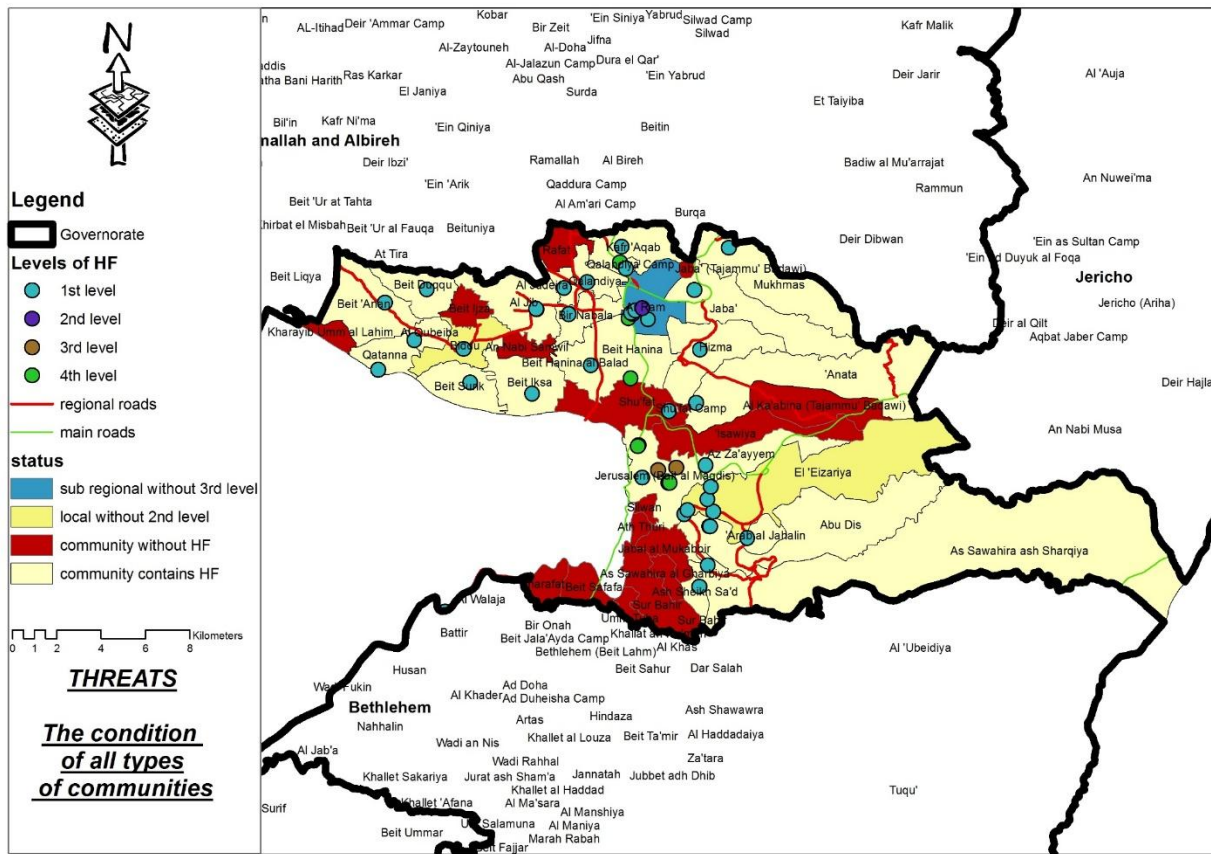
Map 72: Current Condition of all Levels of Communities in Jerusalem governorate

This map shows the condition of all centers in Jerusalem according to HF.
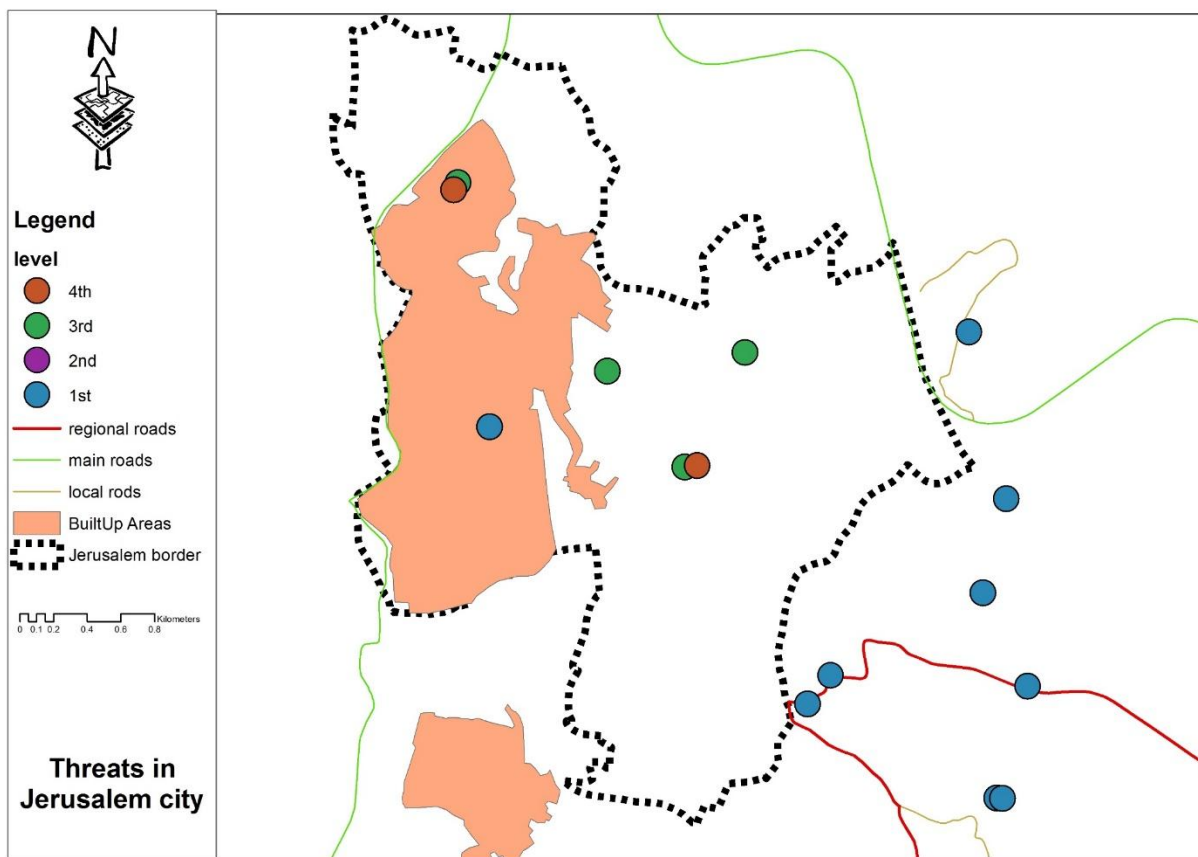
This map shows the distribution of all types of HF in Jerusalem city "sub regional center". From the map we can see the distribution of health centers in the city is bad.

Table 14: The Existing level of Jericho

Jericho			
Regional	Sub Regional	Local	Neighborhood
	X	X	X
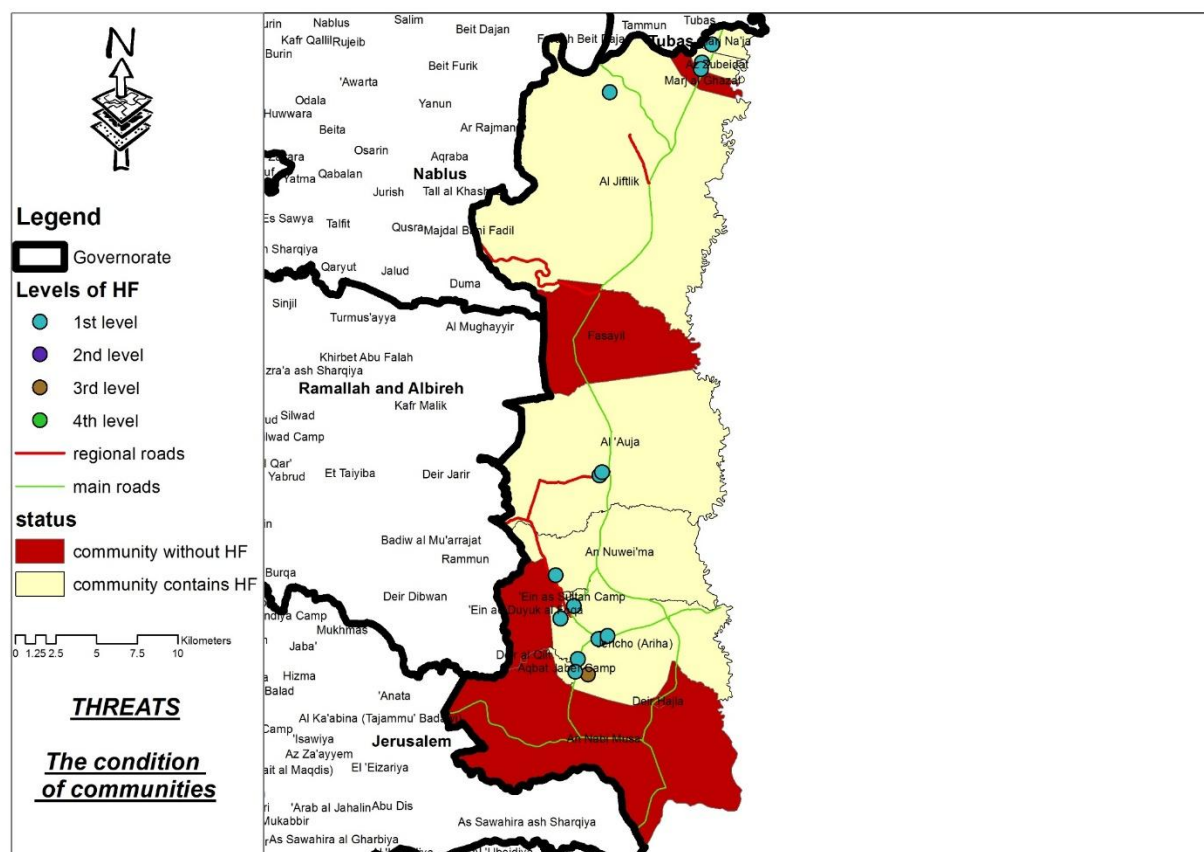
Map 74: Current Condition of Communities in Jericho governorate

This map show the condition of communities in Jericho governorate.
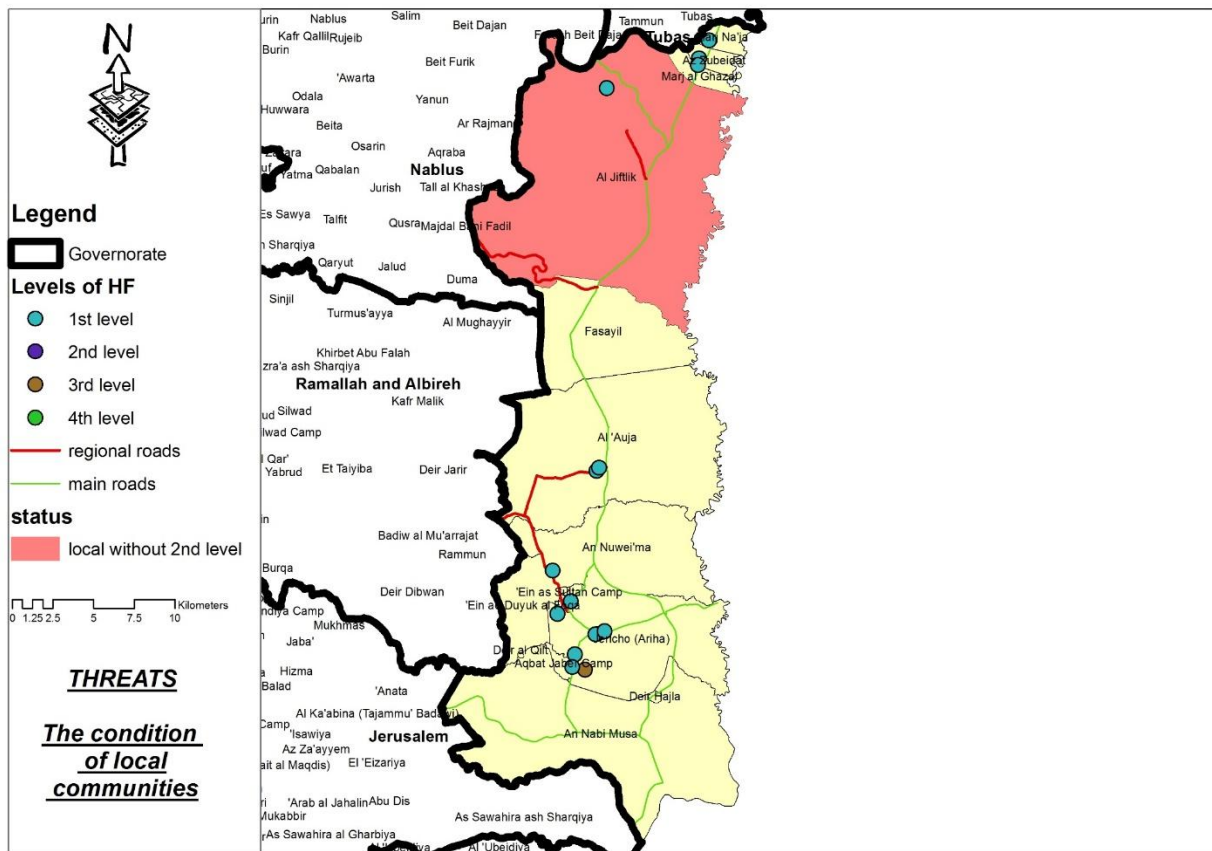
Map 75: Current Condition of local Communities in Jericho governorate

This map show the condition of HF in local centers in Jericho.
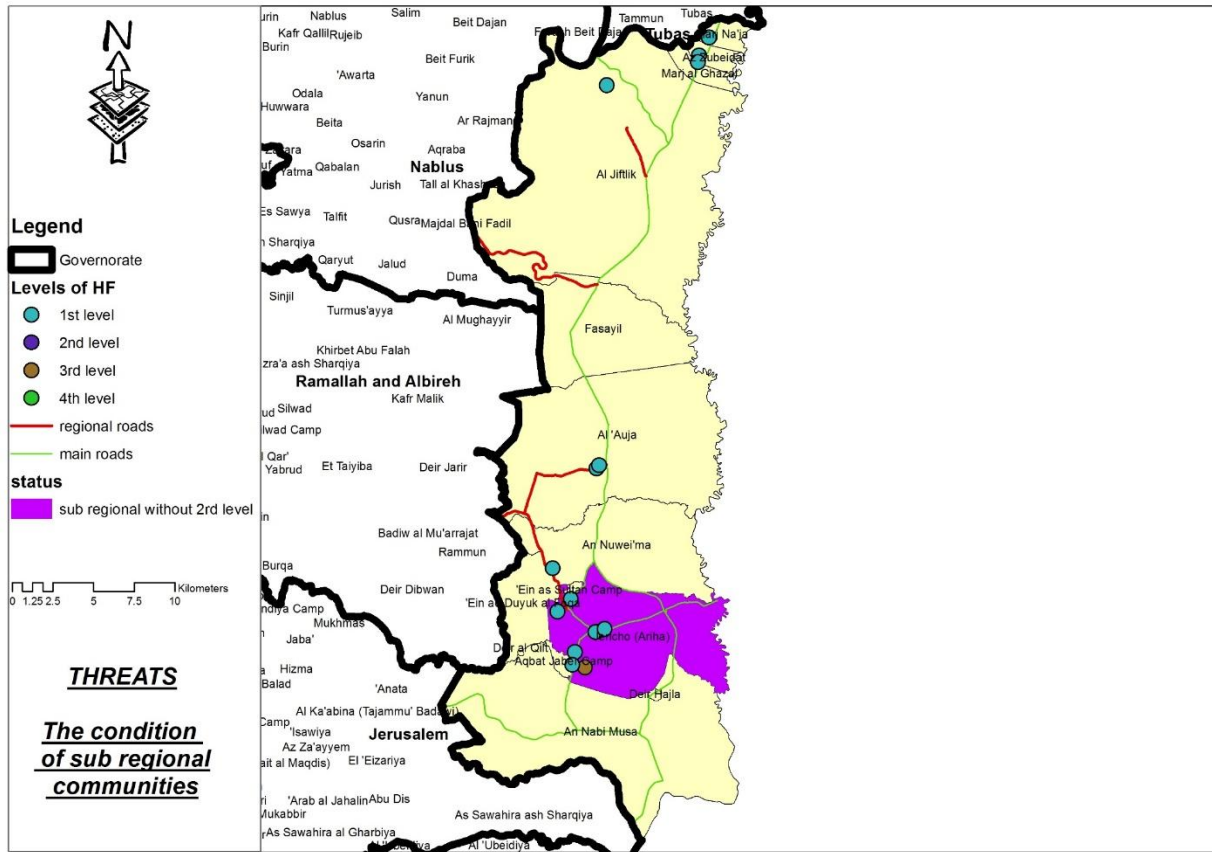
Map 76: Current Condition of Sub-Regional Communities in Jericho governorate

This map show the condition of HF in sub regional centers in Jericho.
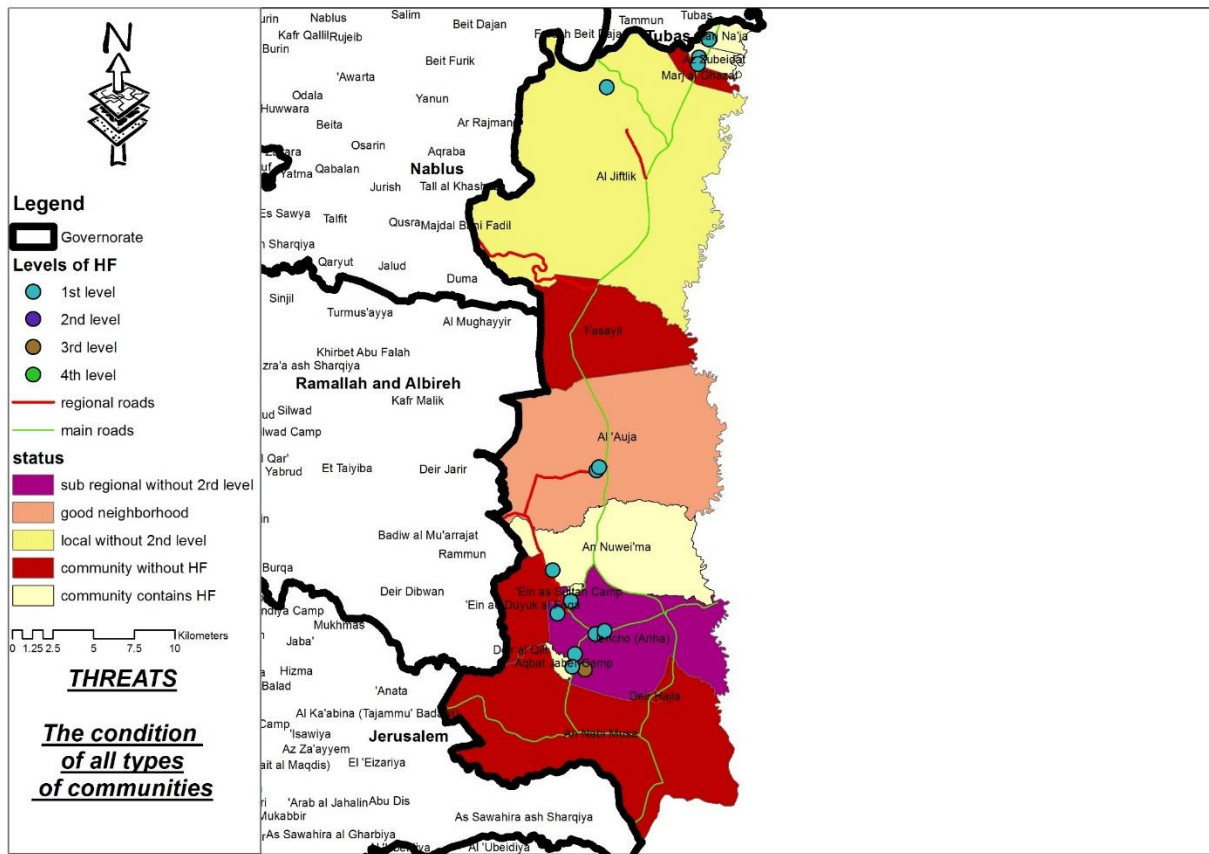
Map 77: Current Condition of all Levels of Communities in Jericho governorate

This map shows the condition of all centers in Jericho according to HF.
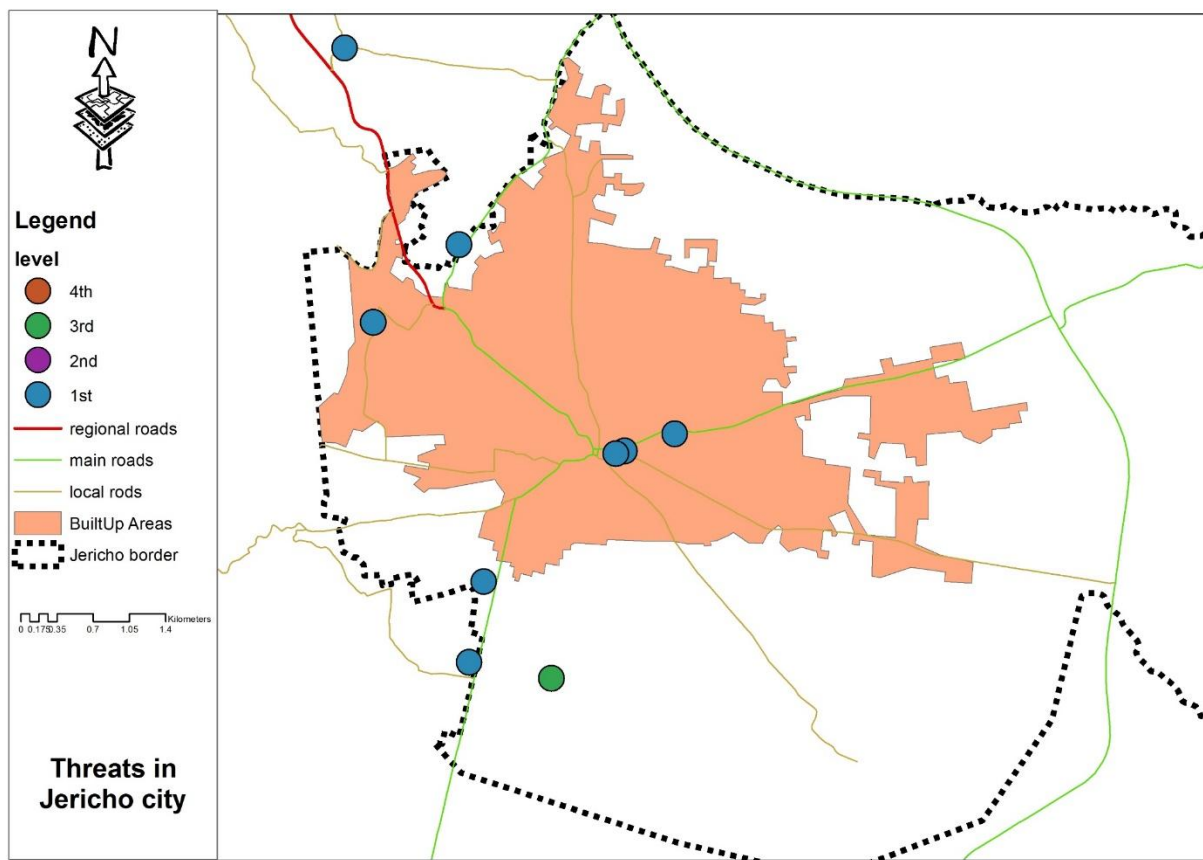
Map 78: Distribution of Health Facilities in Jericho City

This map shows the distribution of all types of HF in Jericho city "sub regional center". From the map we can see there is no hospital in built up area of the city.

3.2.10. HEBRON

Table 15: The Existing level of Hebron

Hebron			
Regional	Sub Regional	Local	Neighborhood
X	X	X	X
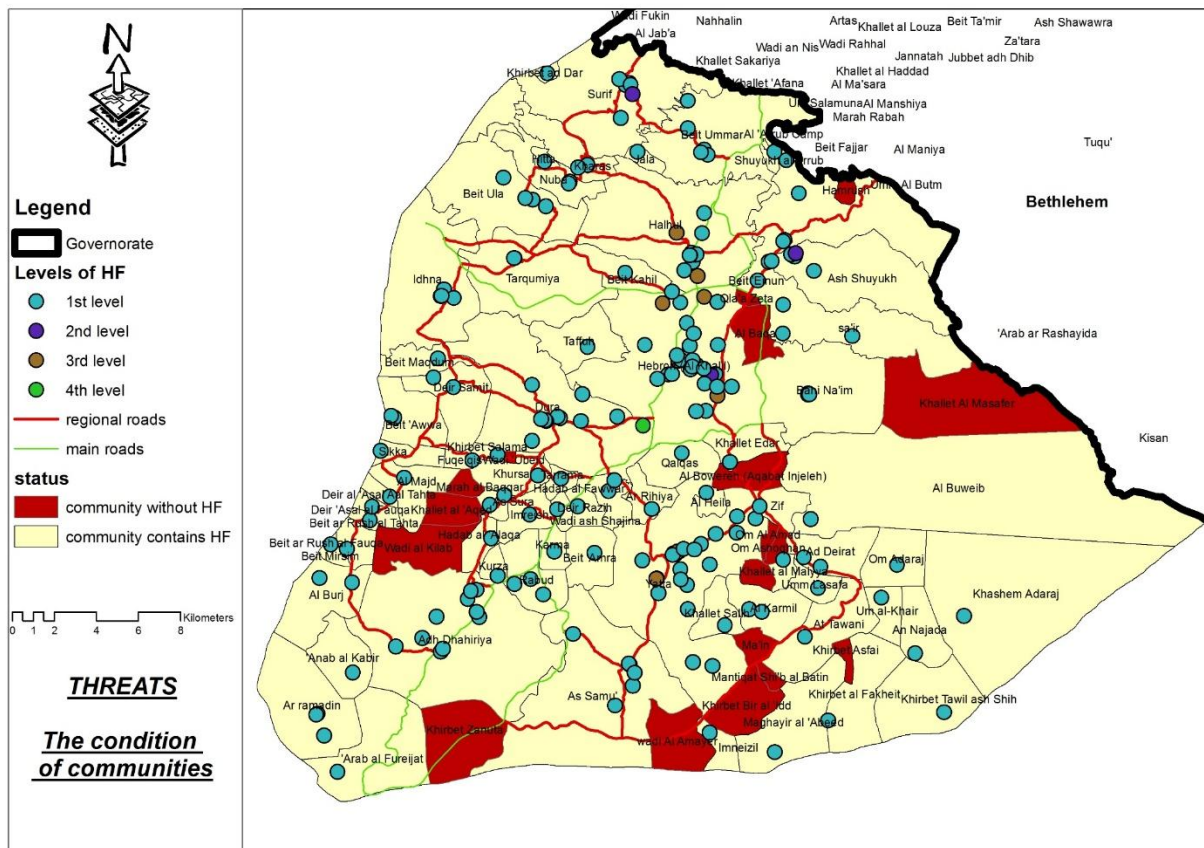
Map 79: Current Condition of Communities in Hebron governorate.

This map show the condition of communities in Hebron governorate.
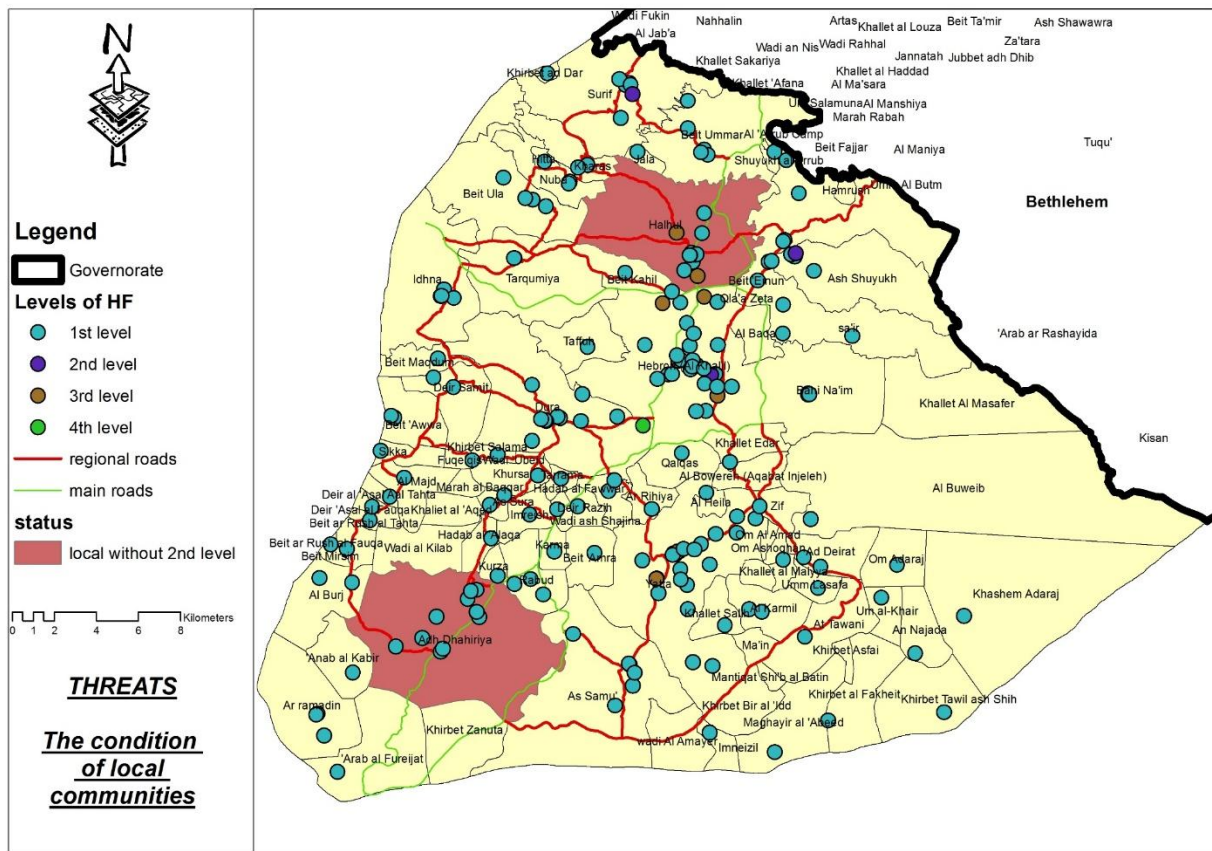
Map 80: Current Condition of Local Communities in Hebron governorate

This map show the condition of HF in local centers in Hebron.
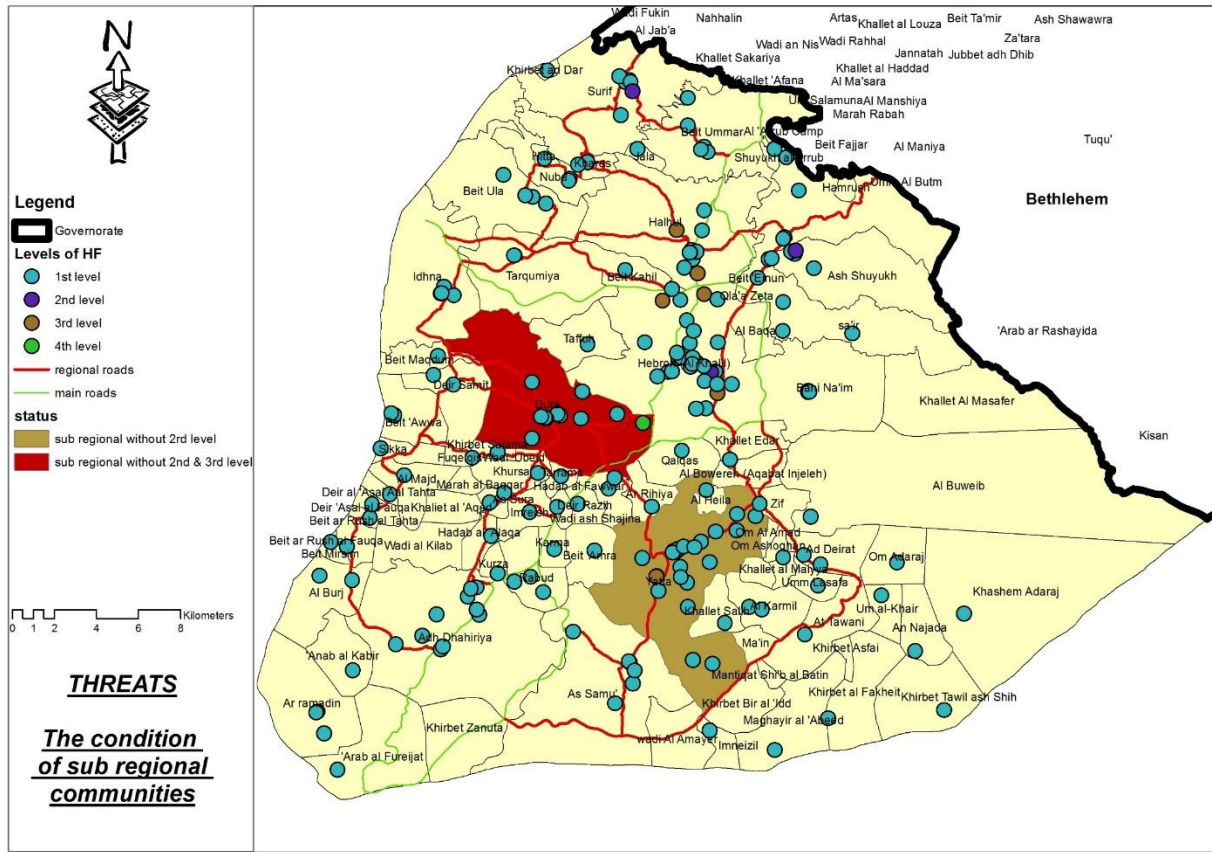
Map 81: Current Condition of Sub-Regional of Hebron Communities

This map show the condition of HF in sub regional centers in Hebron.
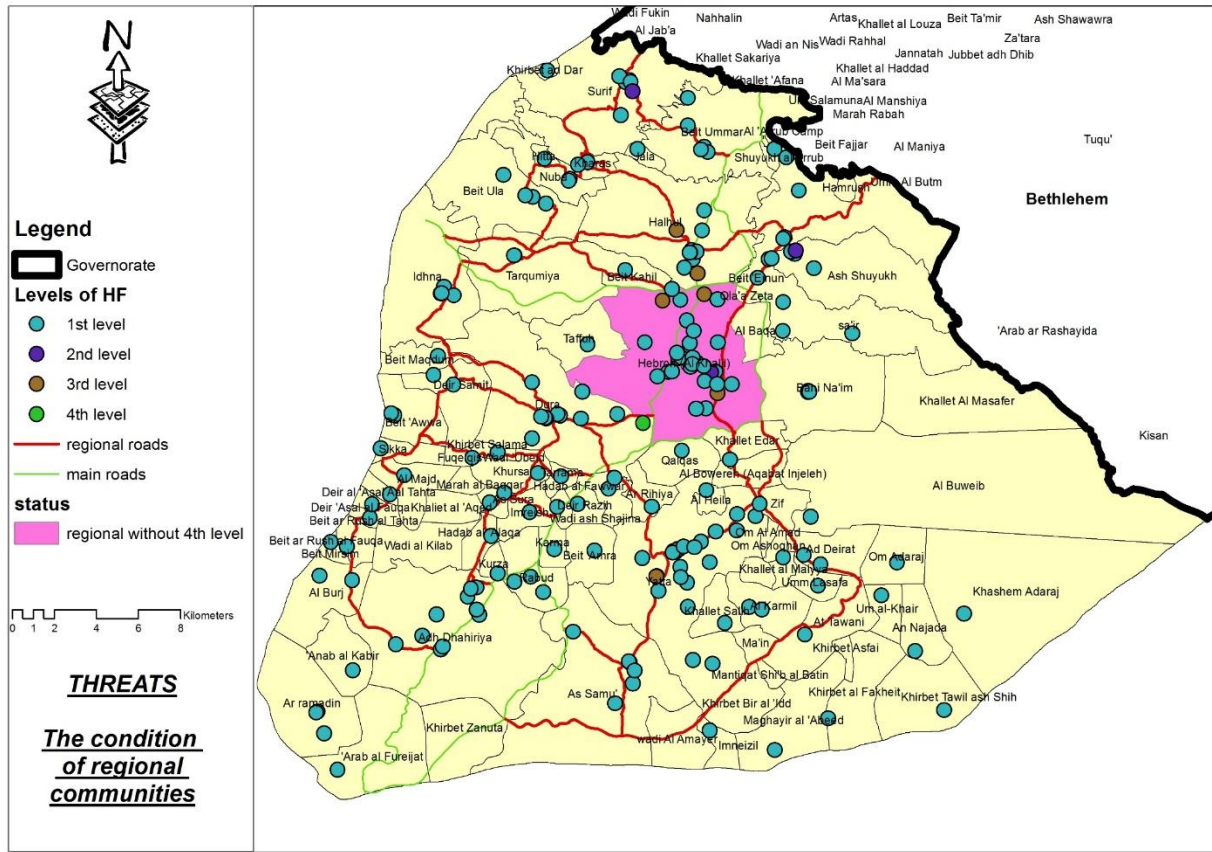
Map 82: Current Condition of Regional Communities in Hebron governorate

This map show the condition of HF in regional centers in Hebron.
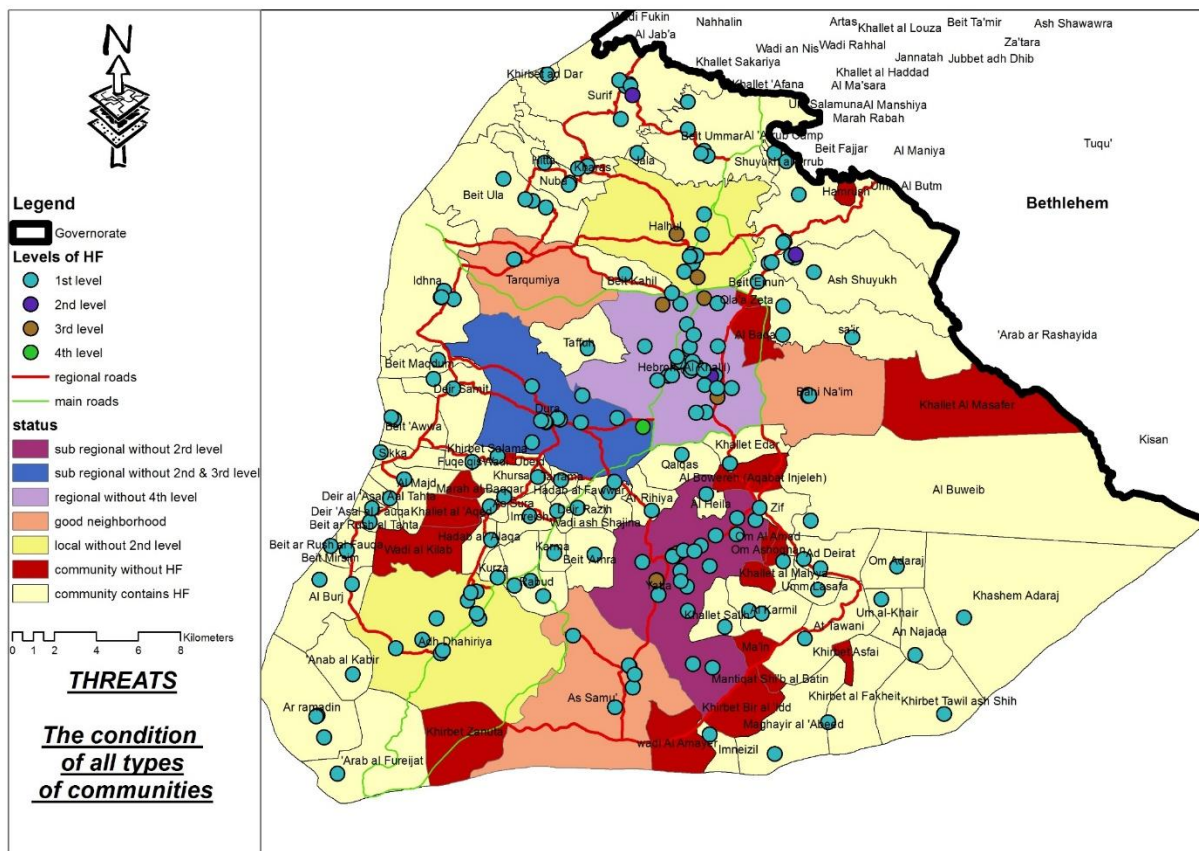
Map 83: Current Condition of all levels of Communities in Hebron governrate

This map shows the condition of all centers in Hebron according to HF.
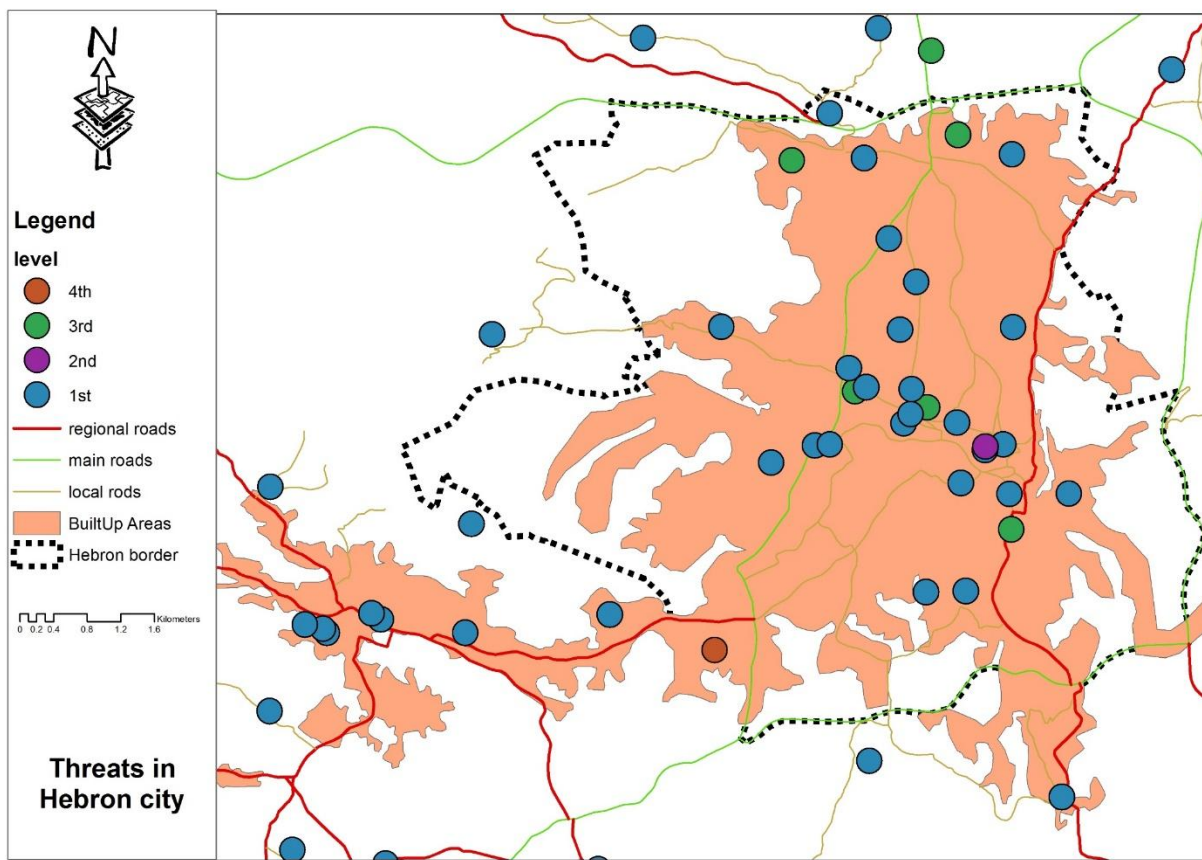
This map shows the distribution of all types of HF in Hebron city "regional center". From the map we can see the western side of the city unserved by any general hospital.

3.2.11. BETHLEHEM

Table 16: The Existing level of Bethlehem

Bethlehem			
Regional	Sub Regional	Local	Neighborhood
	X	X	X
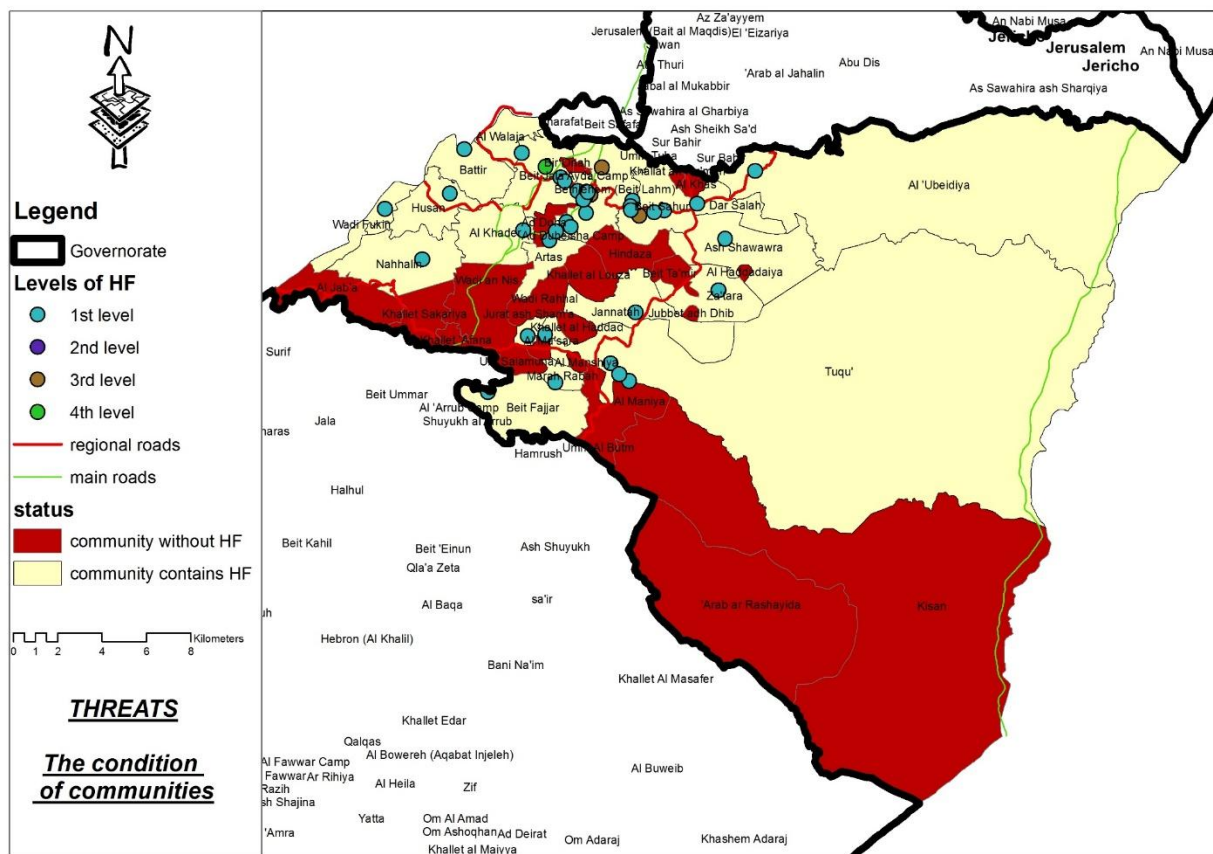
Map 85: Current Condition of Communities in Bethlehem governorate

This map show the condition of communities in Bethlehem governorate.
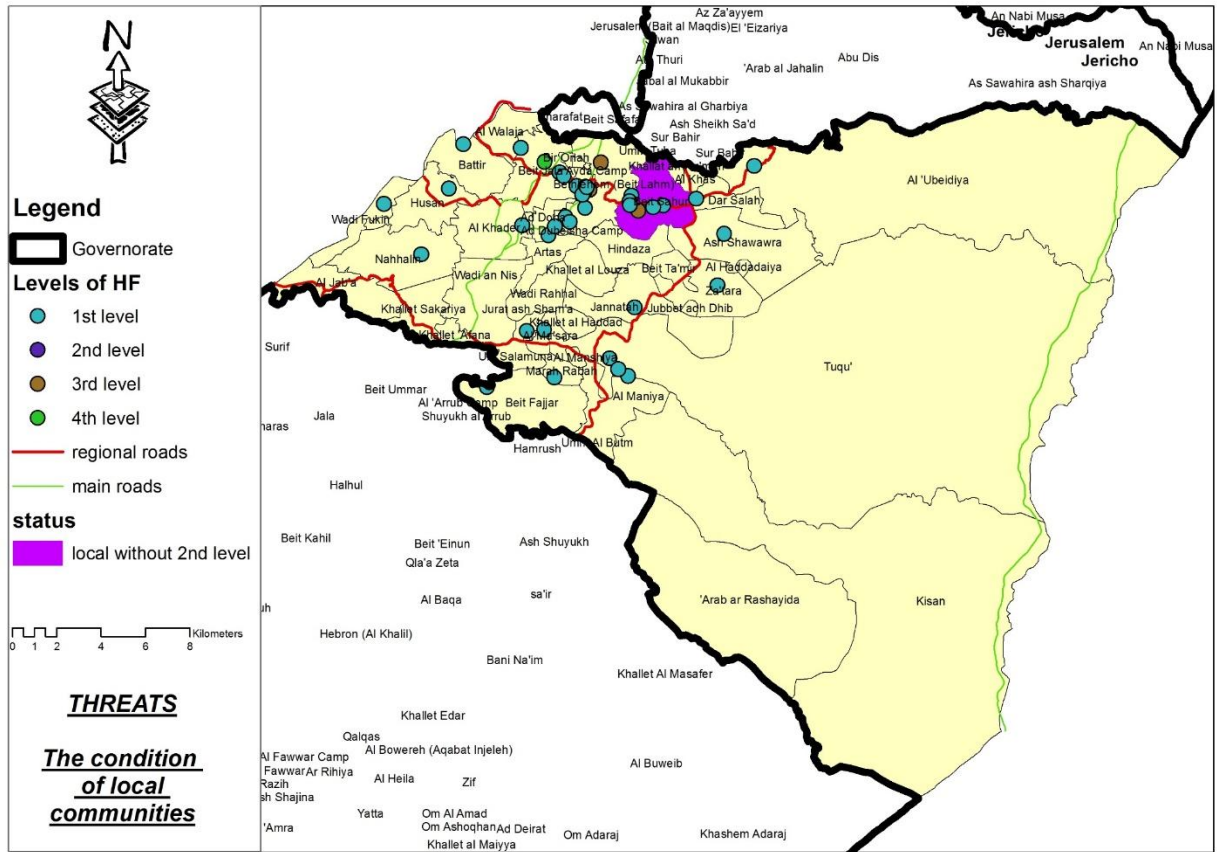
Map 86: Current Condition of local Communities in Bethlehem governorate

This map show the condition of HF in local centers in Bethlehem.
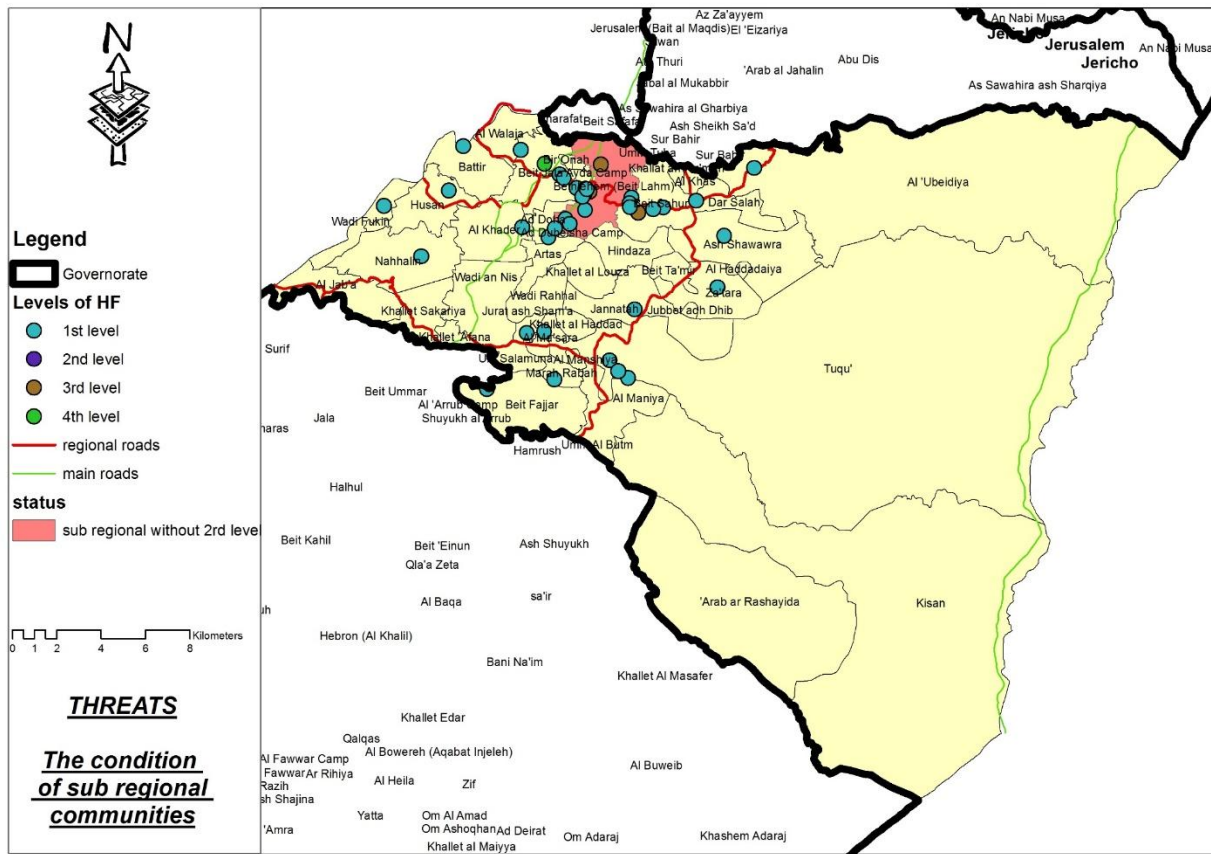
Map 87: Current Condition of Sub-Regional Communities in Bethlehem governorate

This map show the condition of HF in sub regional centers in Bethlehem.
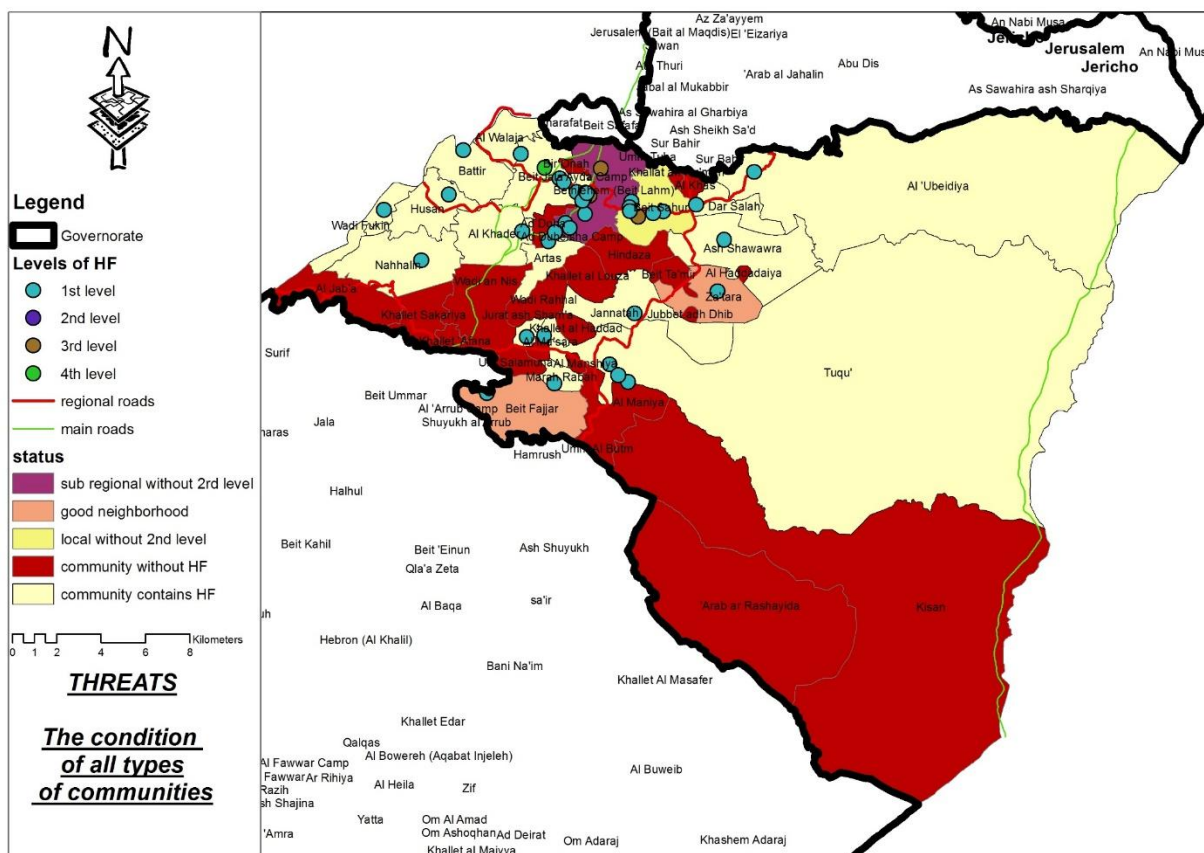
Map 88: Current Condition of all levels of Communities in Bethlehem governorate

This map shows the condition of all centers in Bethlehem according to HF.
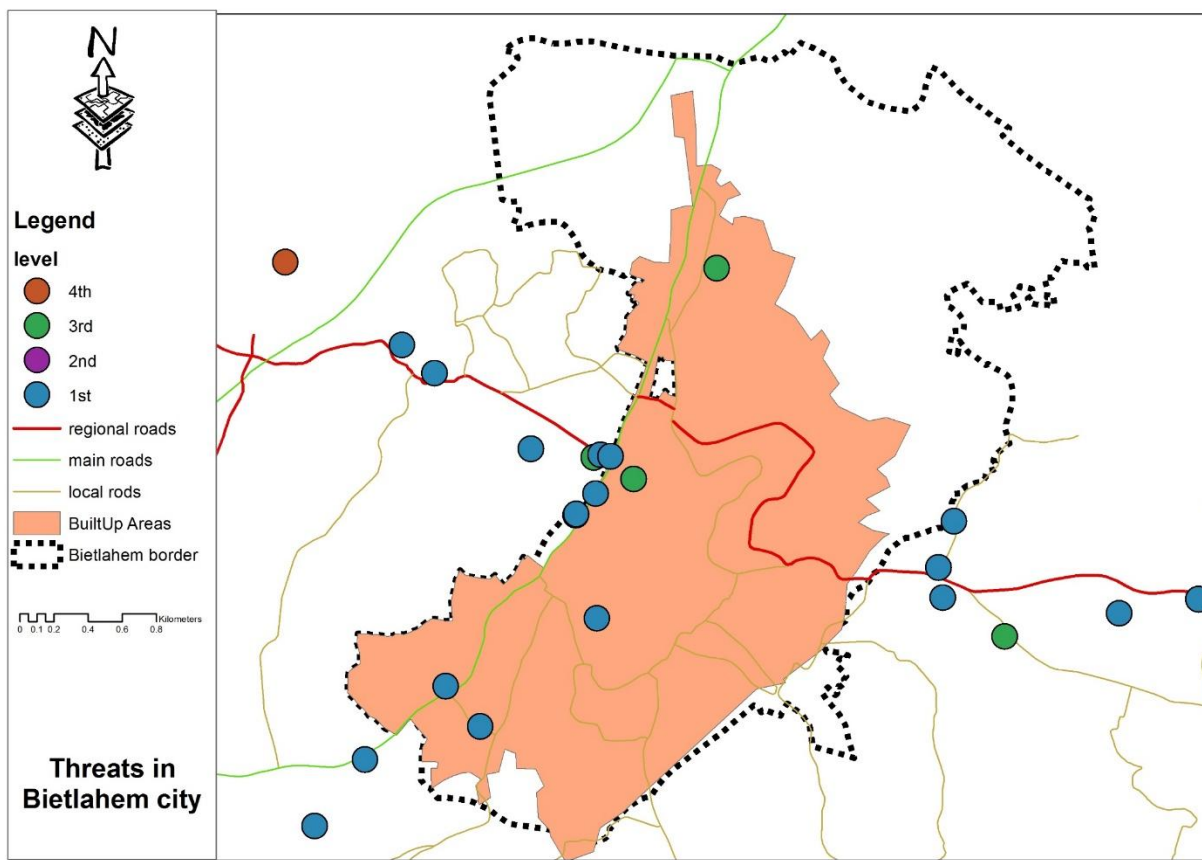
Map 89: Distribution of Health Facilities in Bethlehem City

This map shows the distribution of all types of HF in Bethlehem city " sub regional center".
From the map we can see the southern side of the city unserved by any hospital, moreover the
eastern side unserved by any health centers.

- **National needs at WB**

1- Redistribution of specialized hospitals in WB governorates.
2- The need for second level of HF in all governorates of WB.
3- Need for UNRWA Hospitals in most governorates of WB.
4- Requirement for geographic redistribution for some HF in many areas.
5- Providing HF in all west bank areas which population is more than 2000 capita.

Jenin:

1. Requirement for 3 facilities of second level of HF in local level." Al Yamun ,Meithalun And Qabatiya"
2. Requirement for second level of HF in sub regional level of West Bank areas "Jenin city".
3. The need for 23 facilities of first level of HF in non classified communities.
4. Redistribution of hospitals in sub regional center (Jenin City) that serving all constructed regions.

Tulkarem:

1. Requirement for one facility of second level of HF in local level "Attil"
2. Requirement for second level of HF in sub regional level "Tulkarm city".
3. The need for 7 facilities of first level of HF in non classified communities.
4. Redistribution of hospitals and health centers in the eastern side of the city.

Qalqilyah:

1. Requirement for one facility of second level of HF in local level "Azzun" .
2. Requirement for second level of HF in sub regional level "Qalqilyah city".
3. The need for 13 facilities of first level of HF in non classified communities.
4. Redistribution of hospitals in southern region of Qalqilyah city and Health centers in eastern side.

Salfit:

1. Requirement for one facility of second level of HF in local level "Biddya".
2. Requirement for second level of HF in sub regional level "Salfit city".
3. The need for 3 facilities of first level of HF in non classified communities.
4. Increasing health services in Salfit especially northwesterly regions is a major need.

Nablus:

1. Requirement for 3 facilities of second level of HF in local level Huwwara, Qabalan and Sabastiya.
2. The need for 19 facilities of first level of HF in non classified communities.
3. Redistribution of hospitals in Nablus city especially eastern region.

Tubas:

1. The need for 8 facilities of first level of HF in non classified communities.
2. Redistribution of hospitals and health centers in sub regional center "Tubas city".

Ramallah:

1. Requirement for 3 facilities of second level of HF in local level Bani Zeid,Bir Zeit and -Turmus'ayya.
2. Requirement for second level HF in regional level "Ramallah w Albireh city".
3. The need for 17 facilities of first level of HF in non classified communities.
4. Redistribution of health centers in Ramallah w Albireh city especially western region.

Bethlehem:

1. Requirement for one facility of second level of HF in local level "Beit Sahur".
2. Requirement for second level of HF in sub regional level "Bethlehem city".
3. The need for 24 facilities of first level of HF in non classified communities.
4. Providing hospitals in southern region of Bethlehem city and health centers in eastern region of the city.

Jerusalem:

1. Requirement for 2 facilities of second level of HF in local level" Biddu and El 'Eizariya".
2. Requirement for second level of HF in sub regional level "Ar-ram".
3. The need for 16 facilities of first level of HF in non classified communities.
4. Providing health centers in Jerusalem city.

Jericho:

1. Requirement for one facility of second level of HF in local level "Al Jiftlik".
2. Requirement for second level of HF in sub regional level "Jericho city".
3. The need for 4 facilities of first level of HF in non classified communities.
4. Providing hospitals in built up region of Jericho city.

Hebron:

1. Requirement for 2 facilities of second level of HF in local level" Ad hreiyah and Halhul".
2. Requirement for second and third level of HF in sub regional level "Dura ana Yata".
3. Requirement for fourth level of HF in regional level "Hebron city" .
4. The need for 13 facilities of first level of health services in non classified communities.
5. Providing hospitals in western region of Hebron city.

Table 17: the number communities in each level had a lack in each governorate (summrey)

Governorate	Lack										
	UC	NC	LC		SBC			RC			
	1st	1st	1st	2nd	1st	2nd	3rd	1st	2nd	3rd	4th
Jenin	23	-	-	3	-	1	-	-	-	-	-
Tulkarem	7	-	-	1	-	1	-	-	-	-	-
Qalqilya	١٣	-	-	١	-	١	-	-	-	-	-
Salfit	3	-	-	1	-	1	-	-	-	-	-
Nablus	19	-	-	3	-	-	-	-	-	-	-
Tubas	8	-	-	-	-	-	-	-	-	-	-
Ramallah	17	-	-	3	-	-	-	-	1	-	-
Jerusalem	16	-	-	2	-	1	-	-	-	-	-
Bethlehem	24	-	-	1	-	1	-	-	-	-	-
Jericho	4	-	-	1	-	1	-	-	-	-	-
Hebron	13	-	-	1	-	1	1	-	-	-	1

UC: Other community   NC: neighborhood community   LC: local community

SBC: sub-regional community   RC: regional community

This table shows the number of communities that suffering from lake of services. This table divides the communities to many levels: Regional Sub regional local neighborhood and undefined communities according to MOP Study and explain the Health levels in each type of communities and the lack of it

> *Note: appendix1 shows tables about the current condition of all level of communities in WB*

To get sustainable health sector with appropriate spatial distribution of health services for all society levels, and compatible with the identified hierarchy of services centers and identified spatial planning visions

Main pillar in the vision:

1. sustainable health sector:
2. spatial distributed services that matches health services requirements for all society levels
3. compatible with the hierarchy of services centers:
4. compatible with spatial planning visions:

In this analysis we use the population as an indicator to evaluate the needs of HF in community, there are many standards that used to define the population that served by any type of HF in this study they used the Egyptian standards

Planning Standards for Health Facilities According to Egyptian standards:

1. **Basic health unit (1st level in community):**
   - Population size for a unit varies between 2000 – 5000 capita
   - Location :it allocates in the selected large villages, rural regions and adjacent urban regions
   - served area = 2.5 km

2. **Basic health center (1st level in neighborhood):**
   - The population size for the center is 8000 capita
   - Location : it allocates in selected large villages in rural regions , usually it locates in residential areas and cities if the population that take services doesn't reach the suitable population size for main health center ,
   - Served area =3 km

3. **Comprehensive health center** (2nd level in local):
   - Population size 15000 capita
   - Served area = 10 km

4. **Public hospitals (3rd level in regional and subregional)**
   - Population size for hospital is 150000 and over
   - Location : it locates in cities with population more than 150000 capita
   - Served area = 30km

5. **Specialized hospitals (4th level**

The population does not use as an indicator to evaluate this type of HF

According to previous standards the needs of HF were calculated in each communities in the current condition (2016) and in the feature (2025 & 2050)

3.6.1. THE NEEDS IN 2016 (CURRENT NEEDS)

In this step it was showed the current needs of all types of HF in the different type of communities. Look at appendix2 to see the table that shows the needs in each communities

3.6.1.1. COMMUNITY
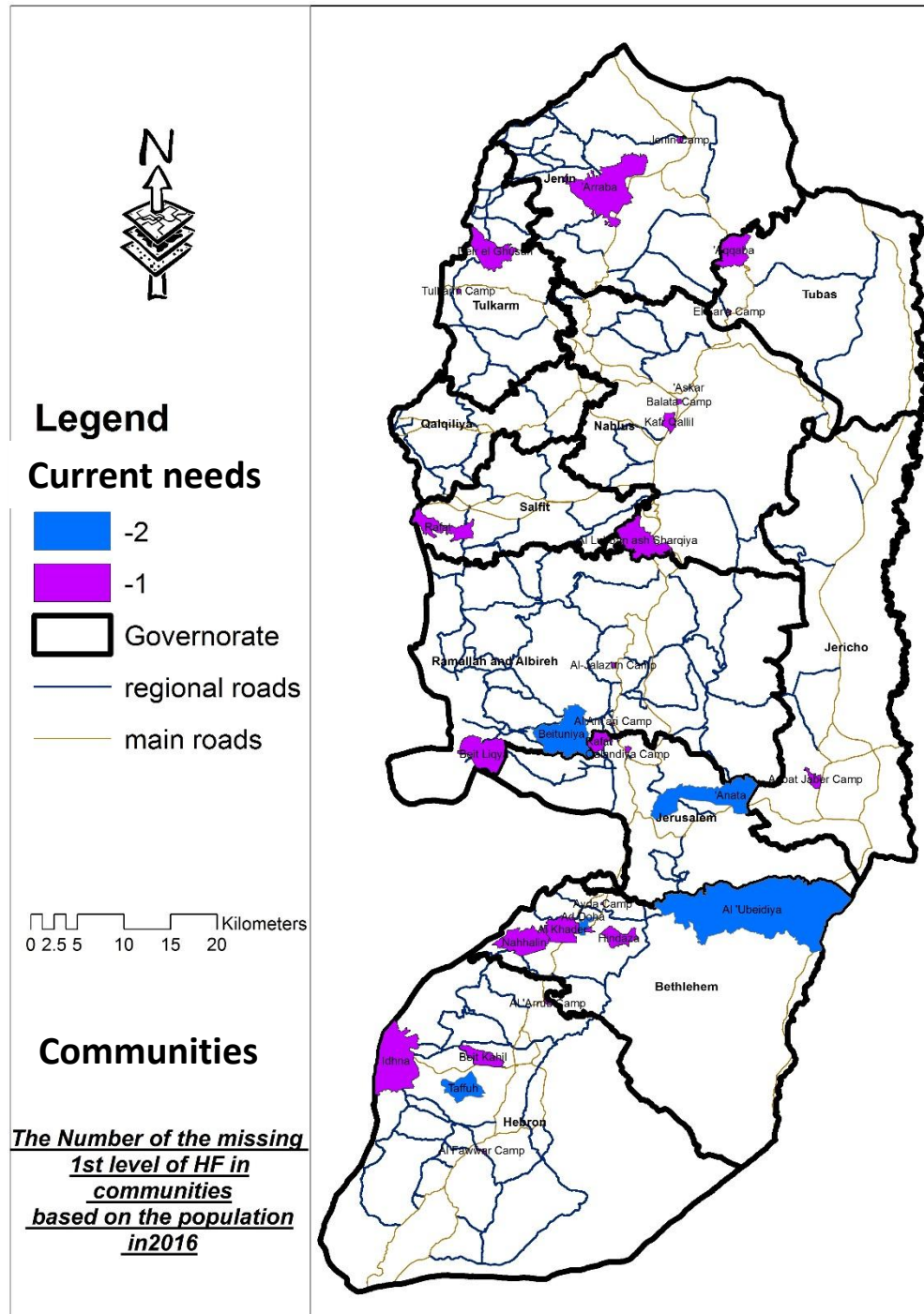
Map 90: Communities Current Needs 2016

This map shows the needs of 1st level of HF in the communities in 2016. From this map it was seen the number of HF which need it in the community to served all the people in it.

3.6.1.2. NEIGHBORHOOD
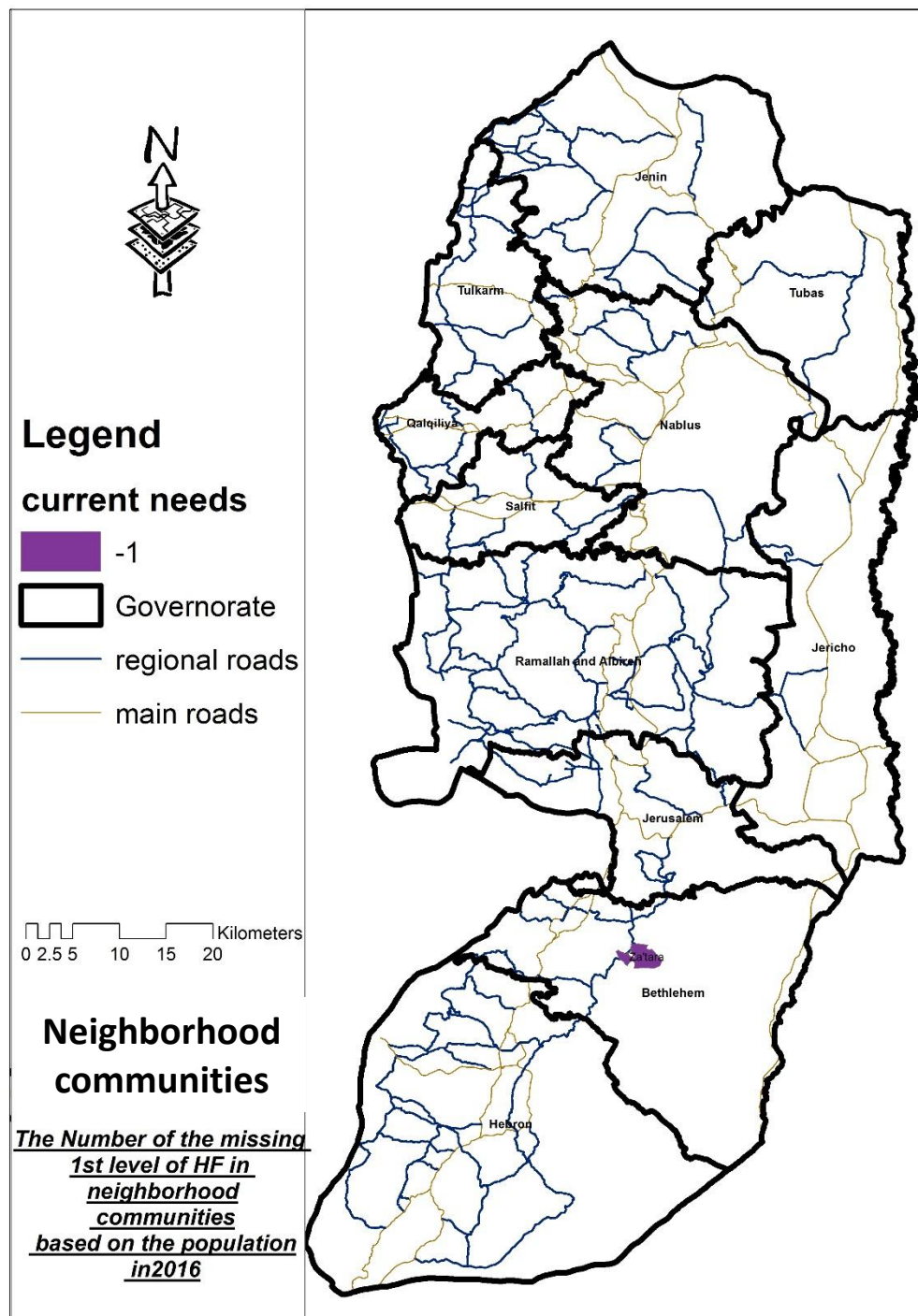
Map 91: Neighborhood Communities 2016

This map shows the needs of 1st level of HF in the neighborhood communities in 2016. From this map it was seen the number of HF which need it in the neighborhood community to served all the people in it.

In this type of communities, there is one neighborhood community need to 1st level of HS in 2016.
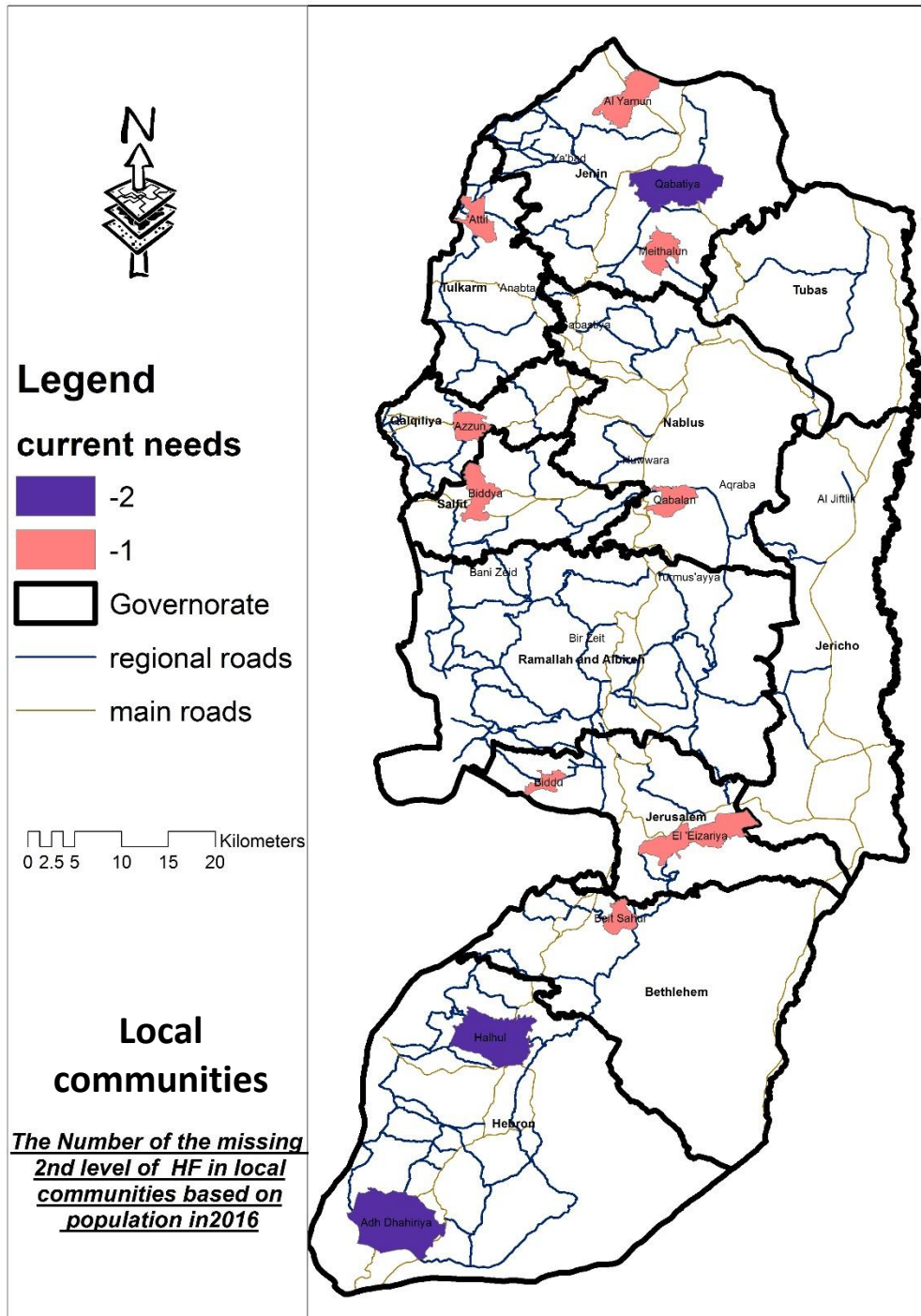
Map 92: Local Communities Current Needs 2016

This map shows the needs of 2nd level of HF in the local communities in 2016.From this map it was seen the number of HF which need it in the local community to served all the people in it.

3.6.1.4. REGIONAL & SUB-REGIONAL

In this type of communities there is no need for 3rd level of HF according to population, but according previous section there are needs to 3rd level of HF according to bad distribution of these facilities.

3.6.2. THE NEEDS IN 2025 & 2050 (FUTURE NEEDS)

In this step it was showed the future needs of all types of HF in the different type of communities in 2025 & 2050 .look at appendix2 to see the table that shows the needs in each communities.

3.6.2.1. COMMUNITY 2025
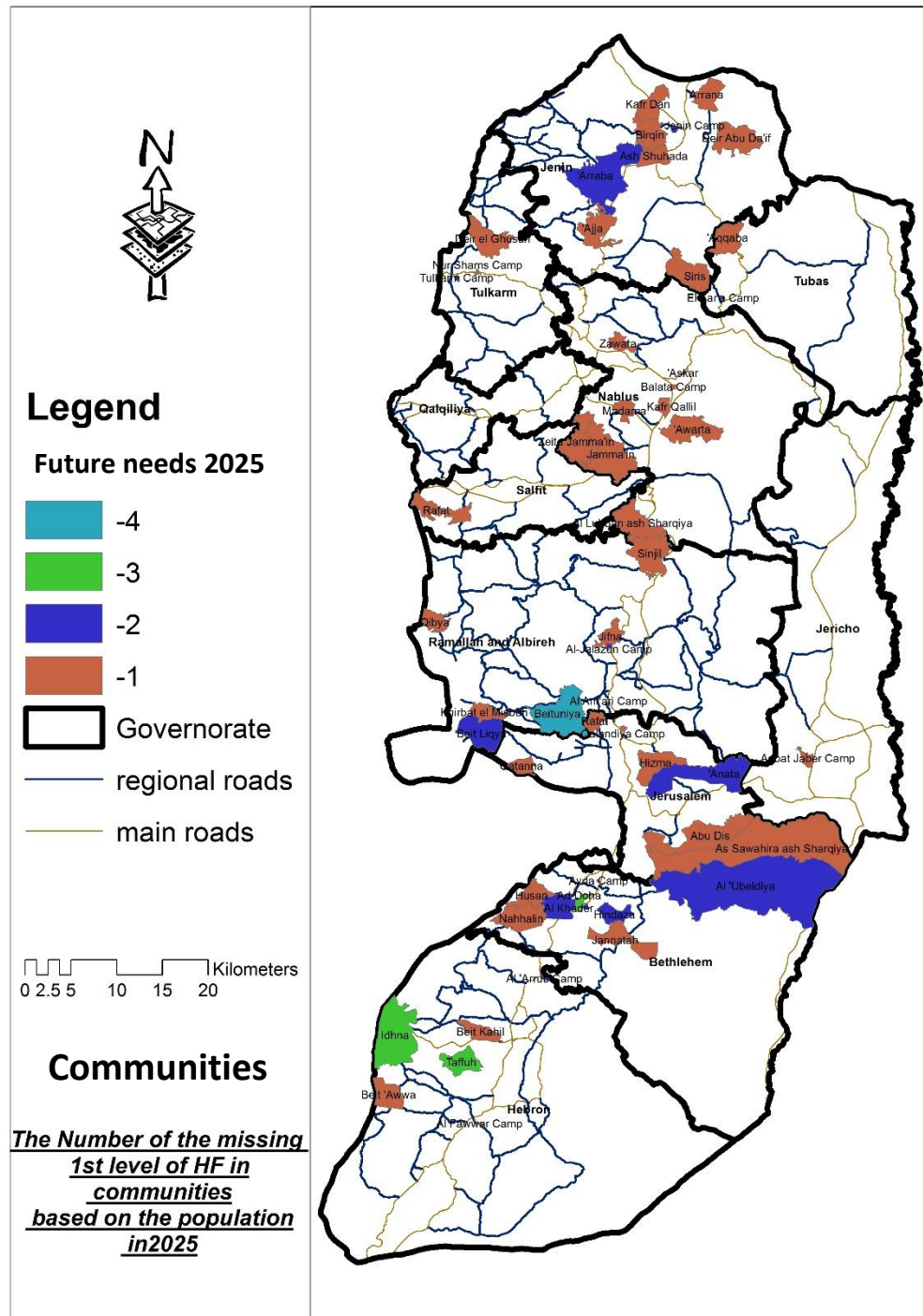
Map 93: Communities Future needs 2025

This map shows the needs of 1st level of HF in the communities in 2025. From this map it was seen the number of HF which need it in the community to served all the people in it.
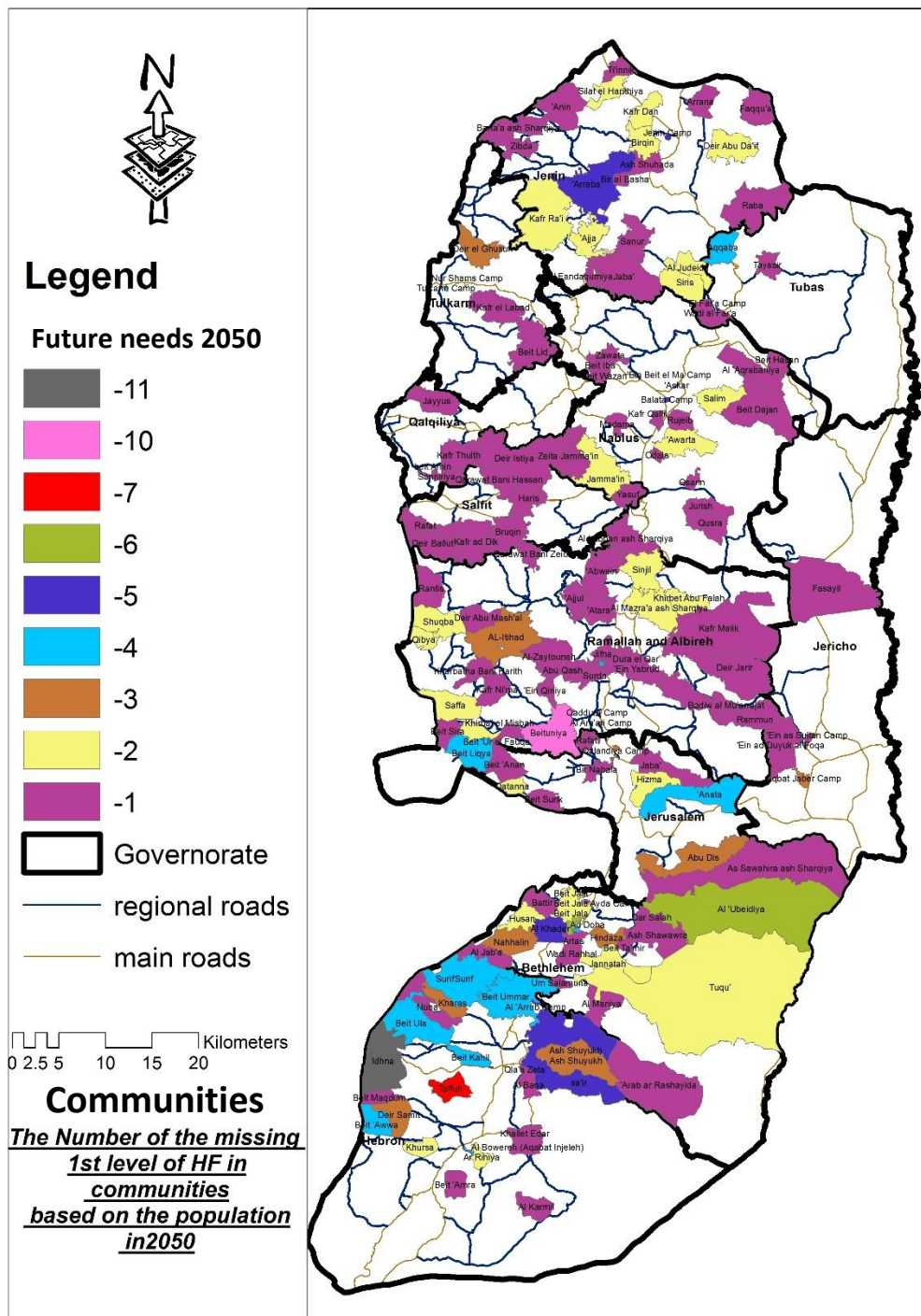
Map 94: Communities Future Needs 2050

This map shows the needs of 1ˢᵗ level of HF in the communities in 2050. From this map it was seen the number of HF which need it in the community to served all the people in it.

3.6.2.3. NEIGHBORHOOD 2025
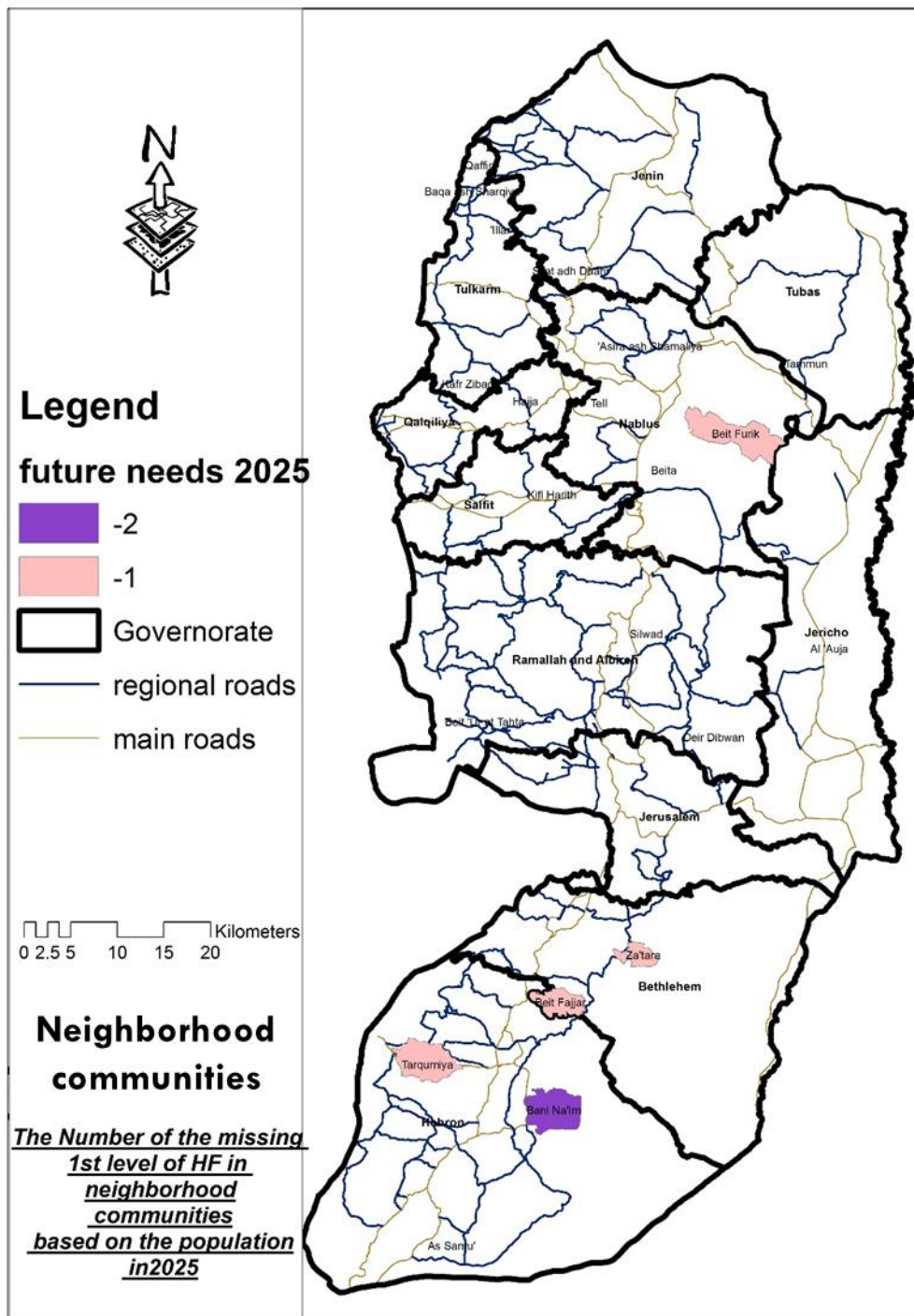
Map 95: Neighborhood Communities Future needs 2025

This map shows the needs of 1st level of HF in the neighborhood communities in 2025. From this map it was seen the number of HF which need it in the neighborhood community to served all the people in it.

3.6.2.4. NEIGHBORHOOD 2050

Map 96: Neighborhood Communities Future needs 2050

This map shows the needs of 1st level of HF in the neighborhood communities in 2050. From this map it was seen the number of HF which need it in the neighborhood community to served all the people in it.

Map 97: Local Communities Future needs 2025

This map shows the needs of 2nd level of HF in the local communities in 2025. From this map it was seen the number of HF which need it in the local community to served all the people in it.

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This map shows the needs of 2nd level of HF in the local communities in 2050. From this map it was seen the number of HF which need it in the local community to served all the people in it.

3.6.2.7. REGIONAL & SUB-REGIONAL 2025
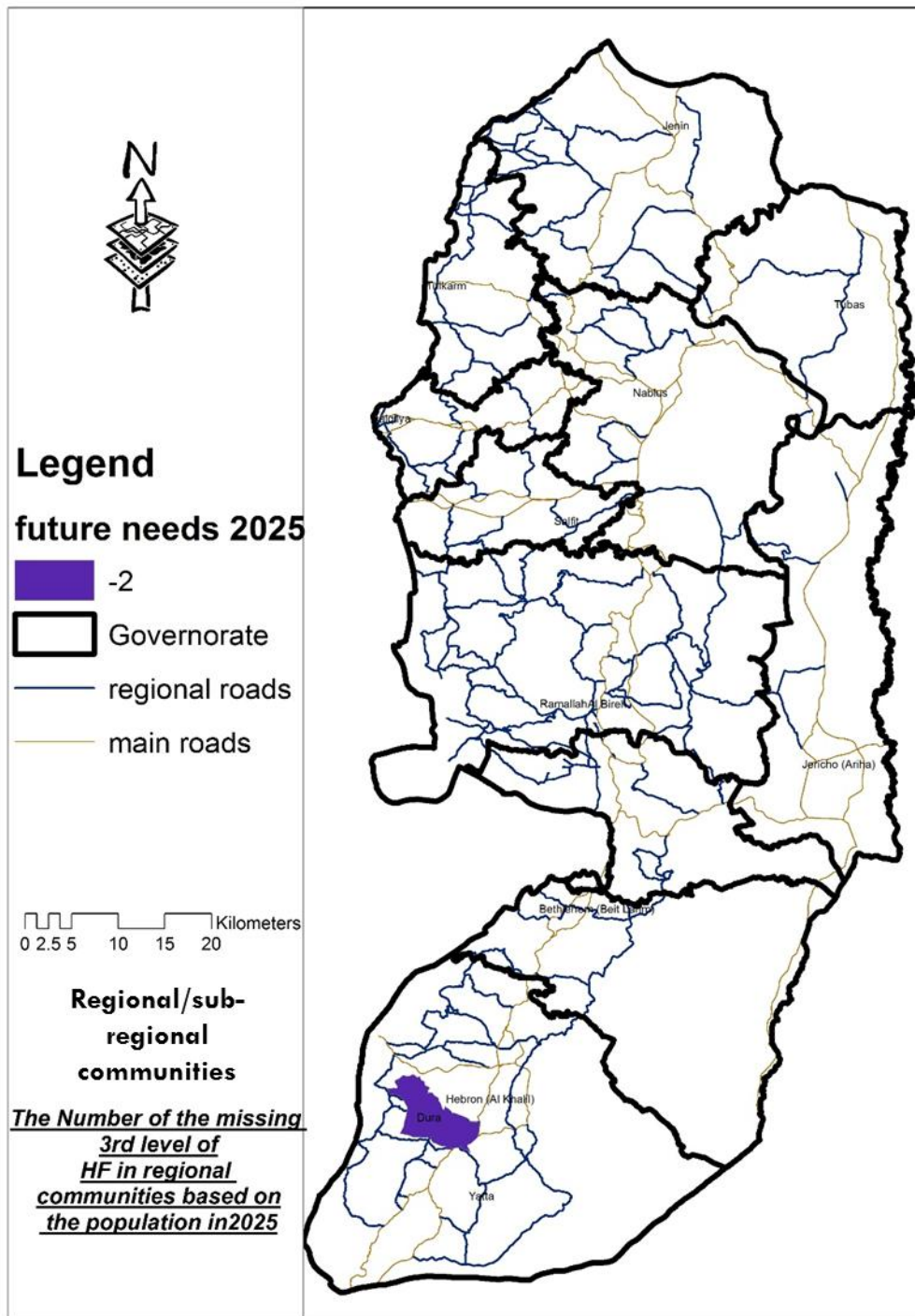
Map 99: Regional \ Sub-regional Communities Future needs 2025

This map shows the needs of 3rd level of HF in the regional communities in 2025. From this map it was seen the number of HF which need it in the regional community to served all the people in it.

3.6.2.8. REGIONAL & SUB-REGIONAL 2050
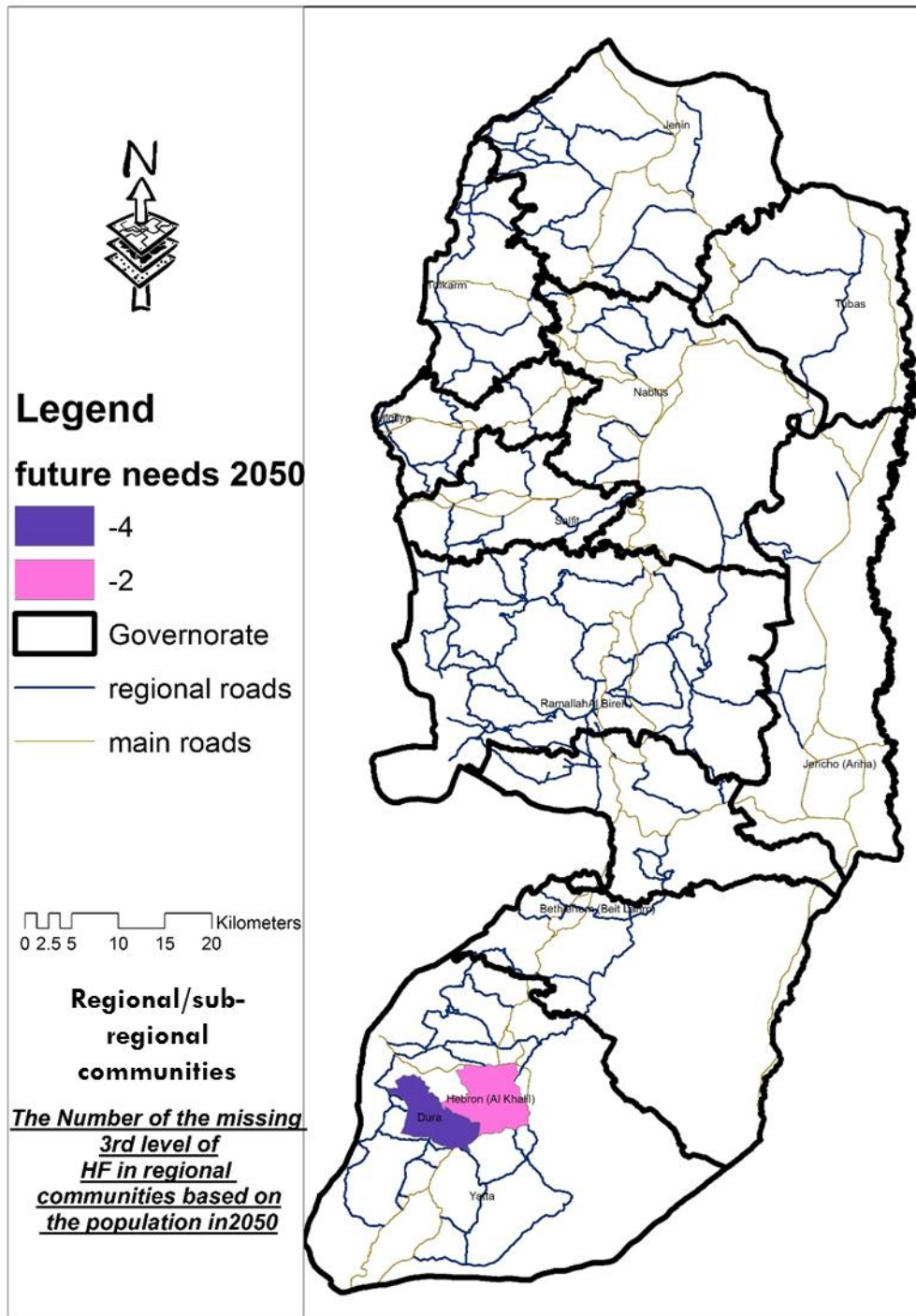
Map 100: Regional \ Sub-Regional Communities Future needs 2050

This map shows the needs of 3rd level of HF in the regional communities in 2050. From this map it was seen the number of HF which need it in the regional community to served all the people in it.

In this step proposals are put to add HF in the communities according to the needs based on population or the distribution and based on the type of community.

In this step many GIS models are made to proposed HF in the communities each community have a proposal based on its hierarchy. And it was proposed HF parallel to the hierarchy of community .It is mean it was proposed 3rd level of HF in all regional and sub-regional communities which need to HF from this type. And proposed 2nd level of HF in all local communities which need to HF from this type, and proposed 1st level of HF in all neighborhood communities which need to HF from this type.

All the models are computerized, they are GIS models and they need to many shapefiles to work.

4.1. 4TH LEVEL OF HF PROPOSALS

In these proposals it was made two models to add 4th level of HF to areas or regions which are need to these facilities.

- **First model**: it was for Rehabilitation Hospitals, Elderly hospitals and Disabled kids hospitals.

This model is worked as the following:

1- Divide the WB to three regions :
   - North: Nablus, Qlqelia, Tulkrem, Tubas, Jenin, Salfit.
   - Middle: Ramallah, Jerusalem, Jericho.
   - South: Bethlehem, Hebron.
2- Evaluate the regions based on which of these regions have the previous three types of hospitals then choose the regions which do not have the facilities.
3- From selected regions choose the central community in each region based on the population of all communities ,the buildings in it and the landscape areas in these communities because this hospitals should be in a beautiful areas to improve the psychological condition of the patient.
4- From the output choose the areas which are outside built-up areas to choose site for the hospitals far away from the hassle and congestion.
5- From the chosen areas select the areas which are located near to regional roads then choose the largest area in each region to be the proposed site of the hospital.
   Note: in this analysis when a region without three previous types of hospitals is found the chosen area is the proposed site for hospital include all specializations.
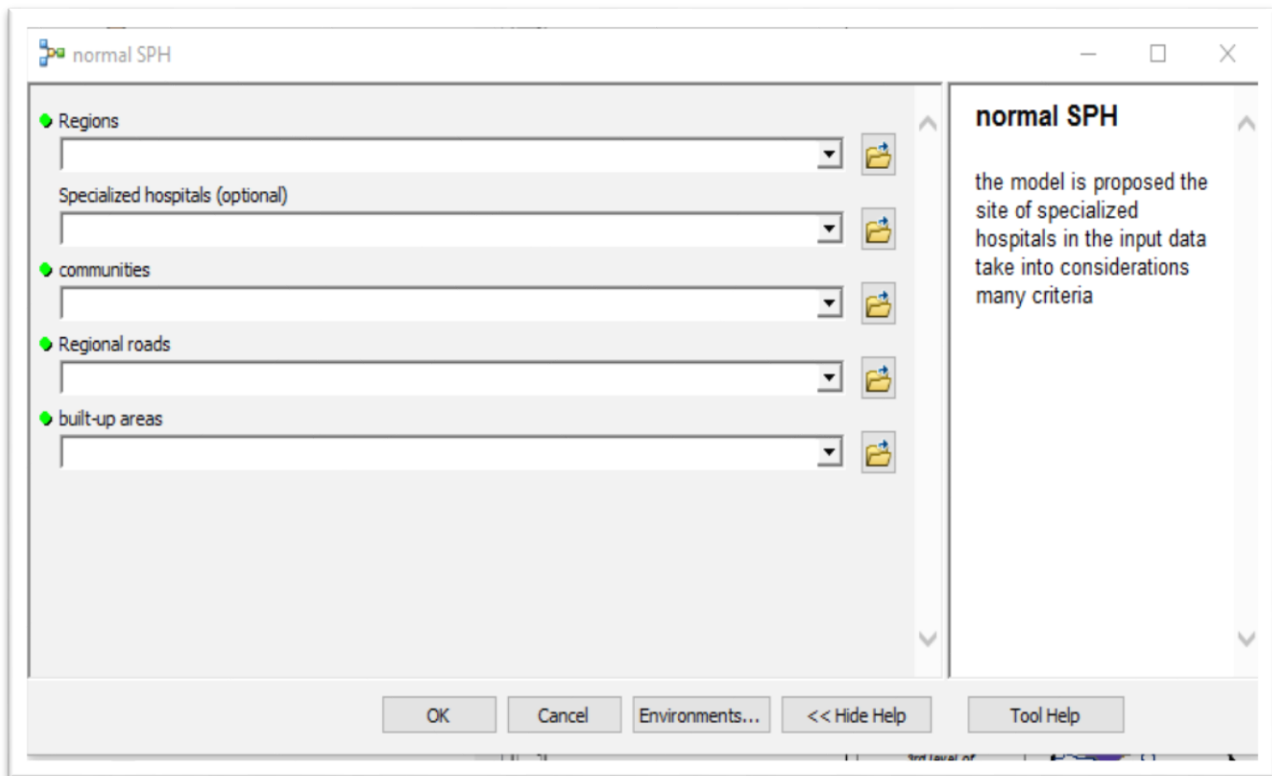
Pic ١ : the interface of the first model for proposed specialized hospitals
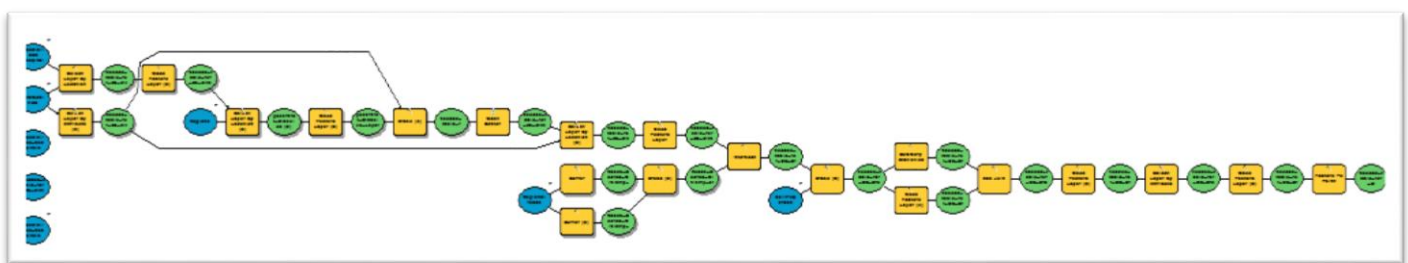
Pic ٢ : the first model for proposed specialized hospitals

- **Second model**: it was for multi specializations hospitals, heart hospitals& Eyes hospitals.

This model is worked as the following:

1. Divide the WB to three regions :
- North: Nablus, Qlqelia, Tulkrem, Tubas, Jenin, Salfit.
- Middle: Ramallah, Jerusalem, Jericho.
- South: Bethlehem, Hebron.
2. Evaluate the regions based on which of these regions have the previous three types of hospitals.
- In regions have facilities, communities which are not served by the facilities were chosen in each regions.
- In regions have not facilities, all communities in region were chosen.
3. From selected communities choose the central community in each region based on the population of all communities & the buildings in the communities.
4. From the output choose the areas which are outside built-up areas to choose site for the hospitals far away from the hassle and congestion.
5. From the chosen areas select the areas which are located near to regional roads then choose the largest area in each region to be the proposed site of the hospital.

Note: in this analysis when a region without three previous types of hospitals is found the chosen area is the proposed site for hospital include all specializations.
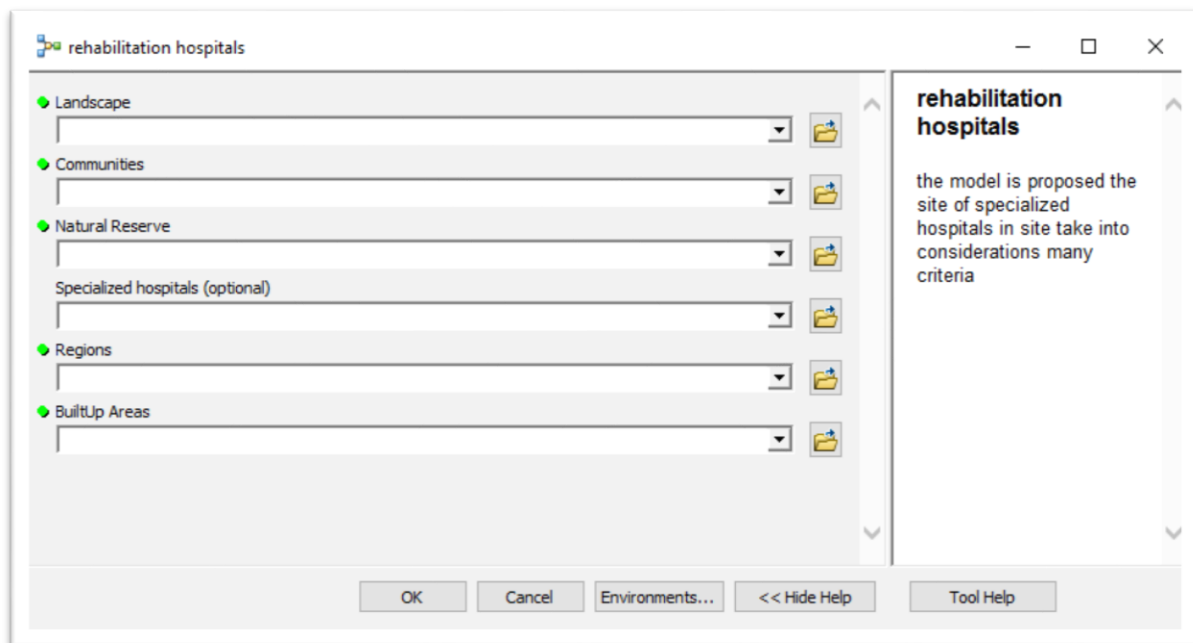
Pic 3: the interface of the second model for proposed specialized hospitals
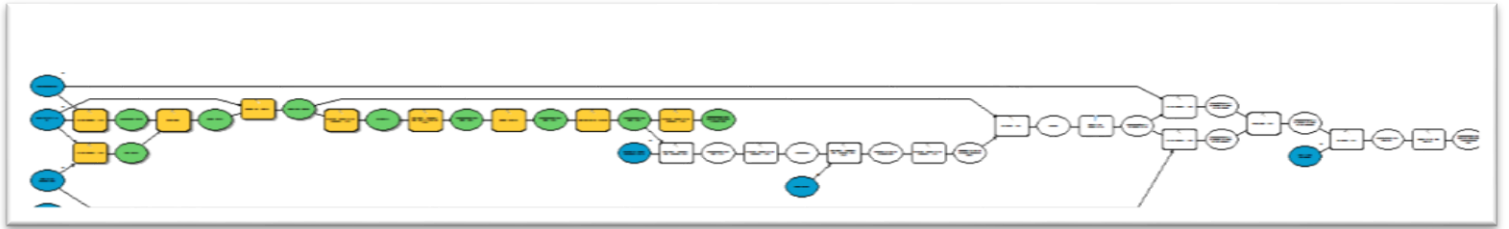
Pic 4: the second model for proposed specialized hospitals
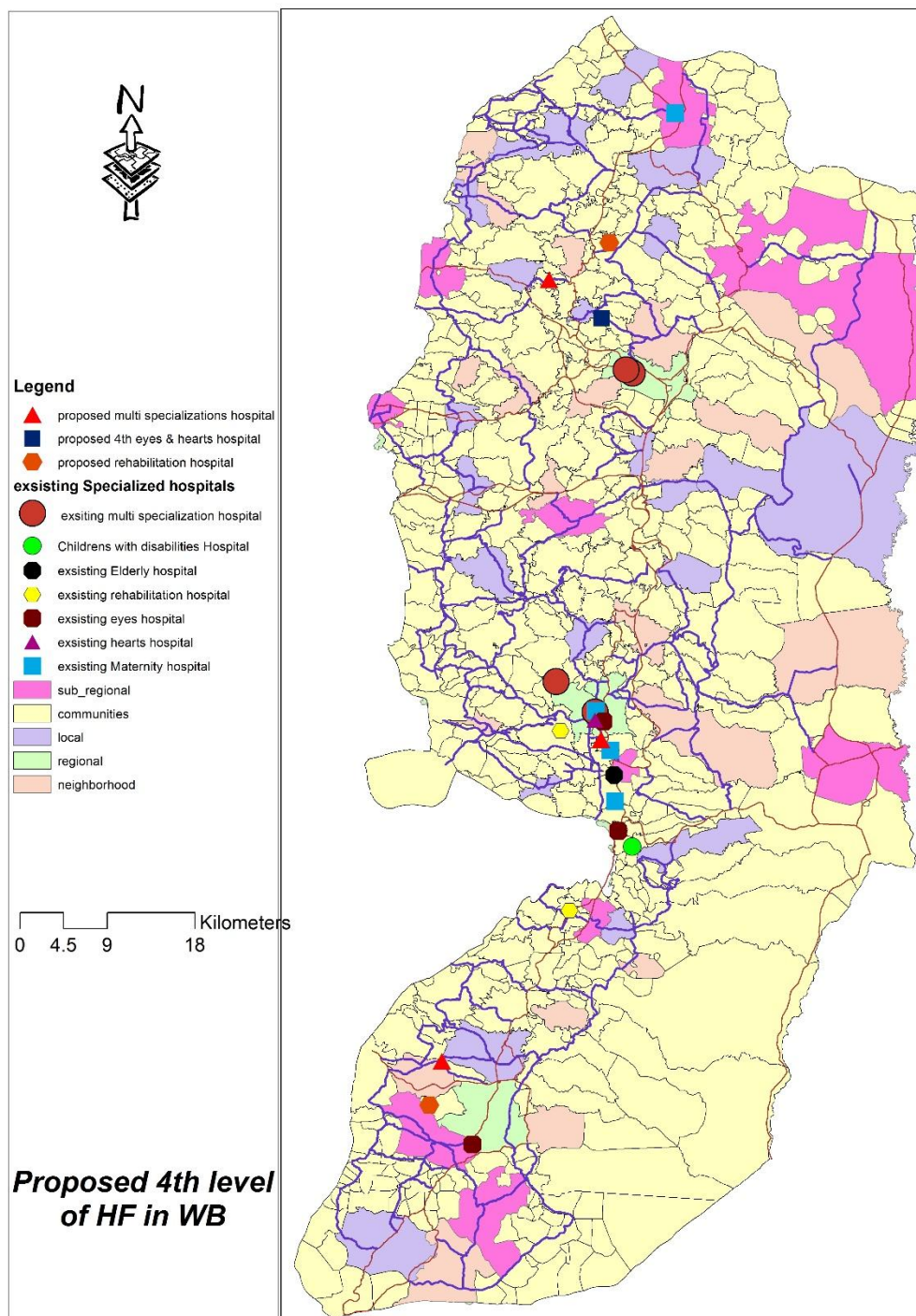
Map 101: proposed 4th level of HF in WB

This map shoes the distribution of proposed specialized hospitals in WB according to previous criteria in two models.

This map shows the proposed specialized hospitals in the north region, in this case these proposals are shown how is model work, for example in the north region there is no rehabilitation hospital because of this the north region was selected, then according to population, building in the communities and the landscape areas Jaba' then the site of proposed rehabilitation should be near to regional roads and outside built-up areas.

In these proposals model was made to add 3rd level of HF to regional an sub-regional communities which are need to these facilities.

The model:

The input for this model is the regional an sub-regional communities because the suitable site for general hospital or 3rd level of HF is in main cities and it discussed in first chapter of this study (it proposed by other study)

This model is worked as the following:

1. Communities which need to 3rd level was selected "but in this case all communities are had the suitable number of 3rd level of HF according to population but there are bad distribution of these facilities because of this the need of facilities and the distribution of these facilities was studied by the model.
2. From the selected communities, the center of each community is selected according to the buildings and population of the community.
3. Then the four direction in the community is evaluated based on the facilities which is in the zone. The zones with less facilities are selected.
4. The selected zones (directions) are evaluated based on the topography, the zone with less topography is selected.
5. The areas in the selected zone near to regional and main roads are chosen
6. Then the areas in chosen areas outside built-up areas and with low density are selected.
7. Then the largest area from the selected is the proposed area for 3rd level of HF (general hospital).
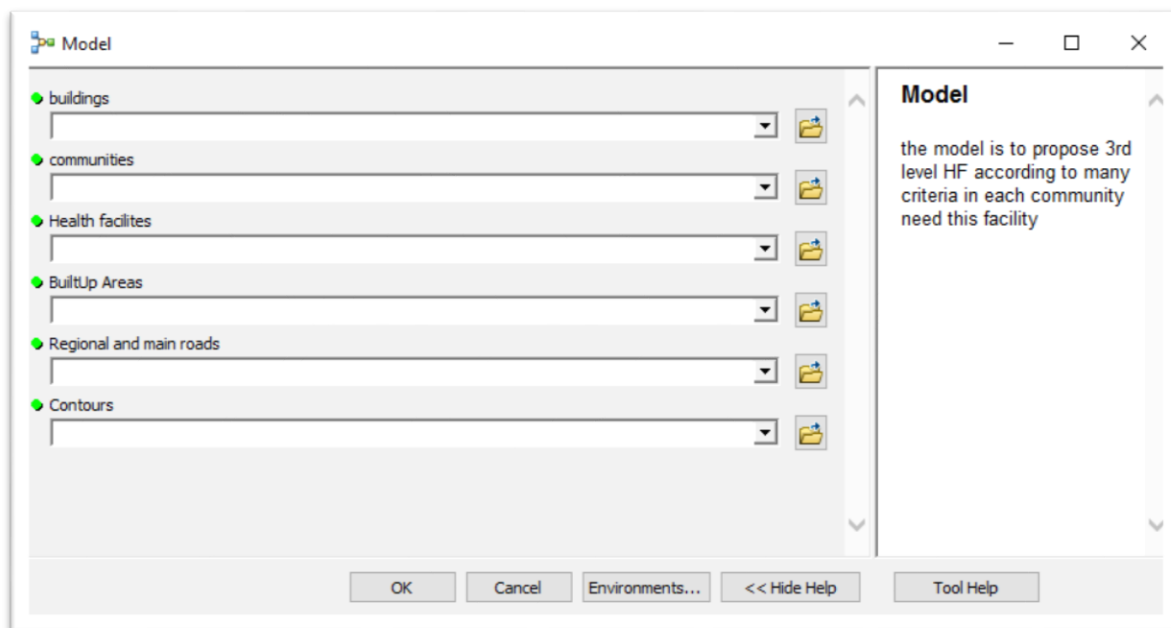
Pic٥ : the interface of the model for proposed 3rd level of HF
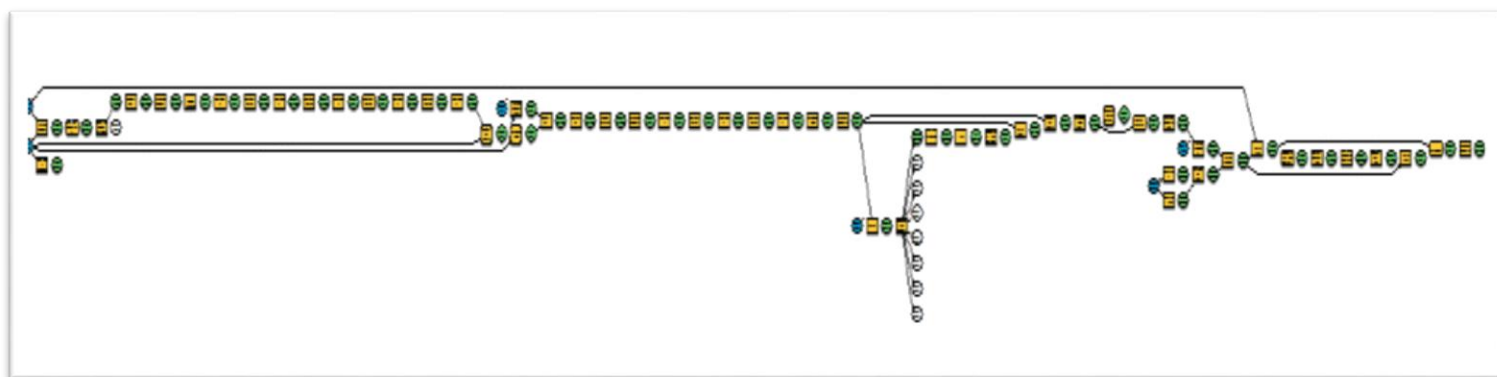
Pic 6: the model for proposed 3rd level of HF
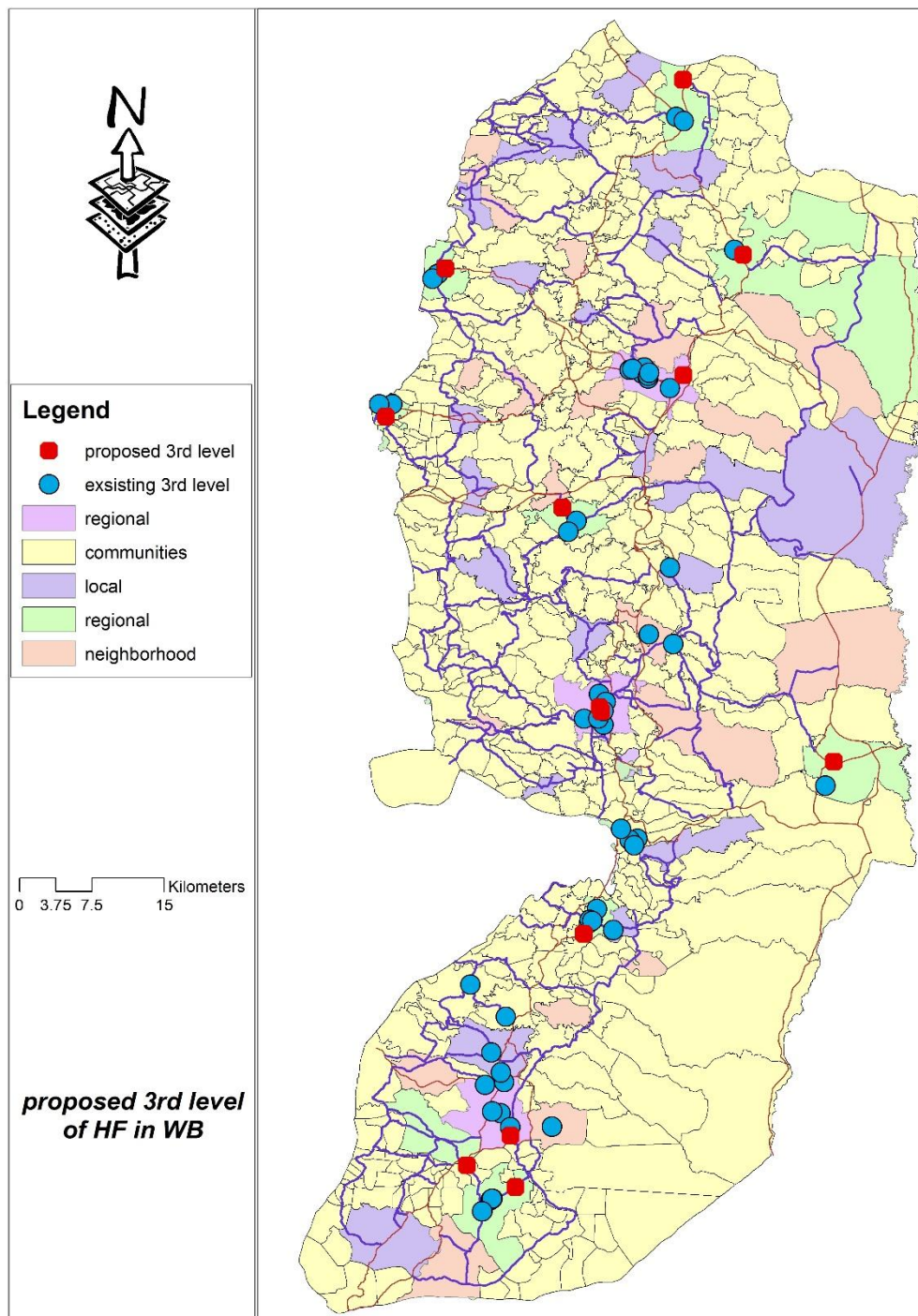
Map 103: proposed 3rd level of HF

This map shows the distribution of proposed 3rd level of HF in WB.
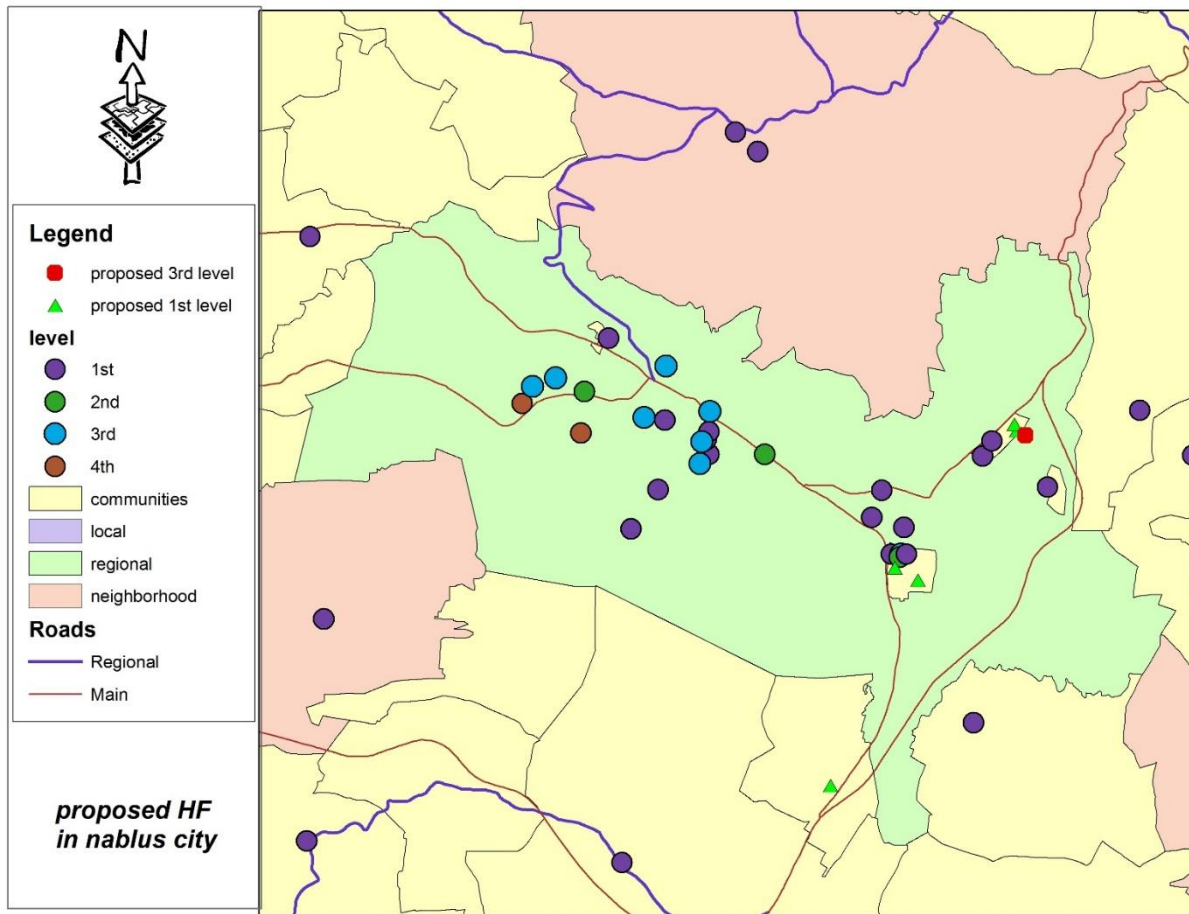
This map shows the proposed general hospitals (3rd level) in Nablus city, in this case the proposed hospital is shown how dose model work, for example In this case the proposed hospital was selected according to many criteria. First thing when the communities were evaluated, Nablus city was not need to more hospitals according to population factor. But when the city was evaluated according to distribution of 3rd level of HF -this is through find the center of the city, and from this center, four zones was made (each zone indicate to the direction) –the east and south direction was found without 3rd level of HF. Then the two selected zones (east and south) was evaluated according to topography and the east zone was selected because it is less steeper than the south zone. Then the location of the proposed hospital was chosen in the east zone and near to main road, outside built up area and in the area with low density.

In these proposals model was made to add 1st level of HF to neighborhood communities and communities which are need to these facilities and add 2nd level of HF to local communities which are need to these facilities.

The model:

The input for this model is the local communities, neighborhood communities and communities.

This model is worked as the following:

1- Communities which need to facilities according to population are selected.
2- If these communities have an existing facilities, the served area by these facilities is expected from the built-up area of the community
3- The remaining areas near to local or main roads is selected
4- The largest area / larger areas is/are the proposed area/areas for the 1st level of HF in neighborhood or communities and the 2nd level of HF in local.
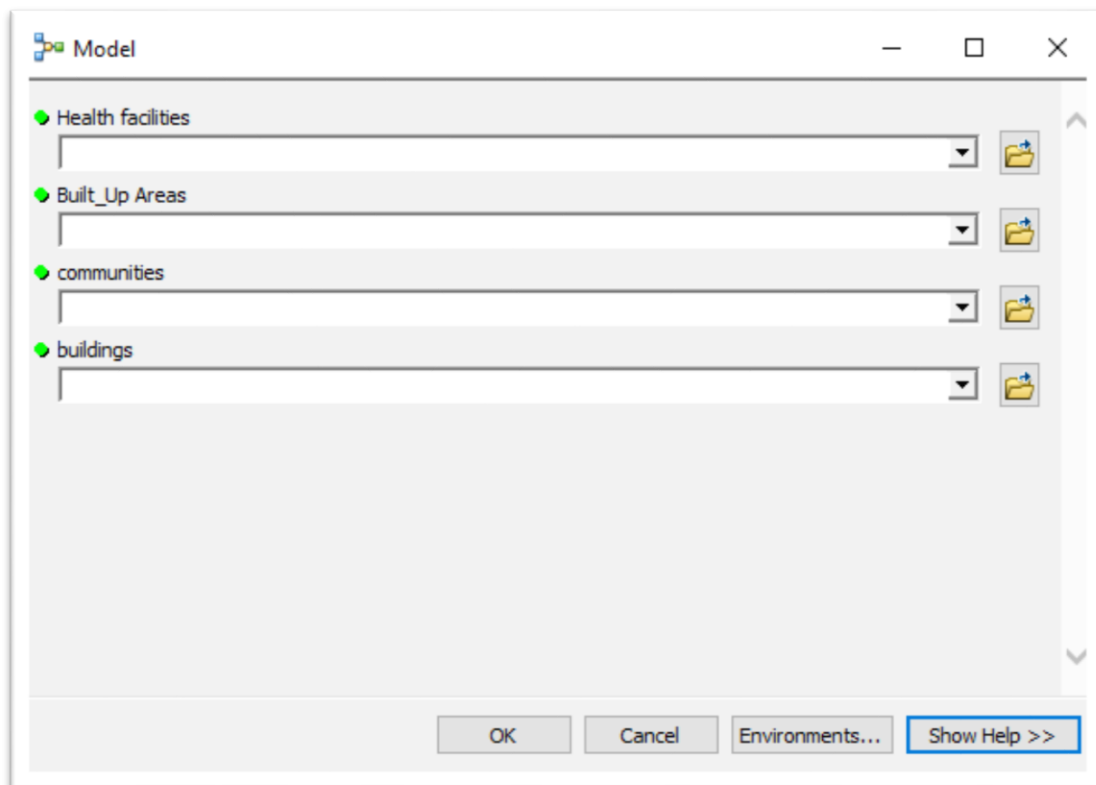
Pic 7: the interface of the model for proposed 1st level and 2nd level of HF
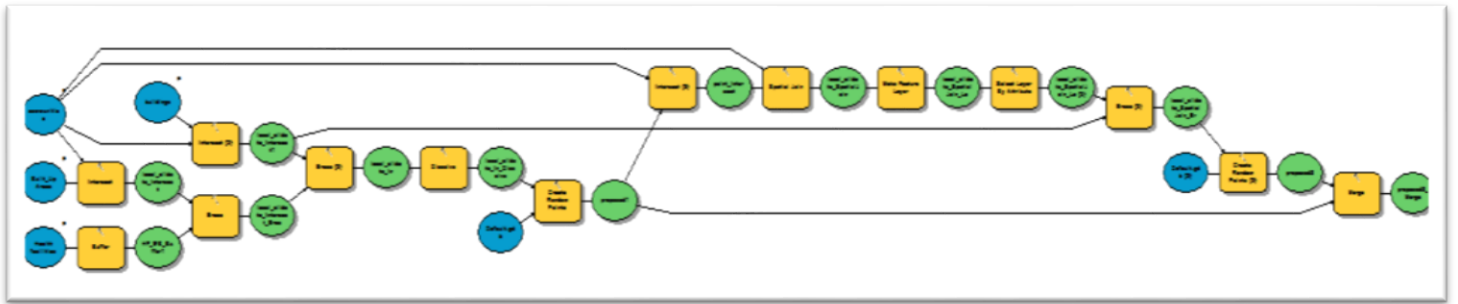
Pic^ : the model for proposed 1st level and 2nd level of HF
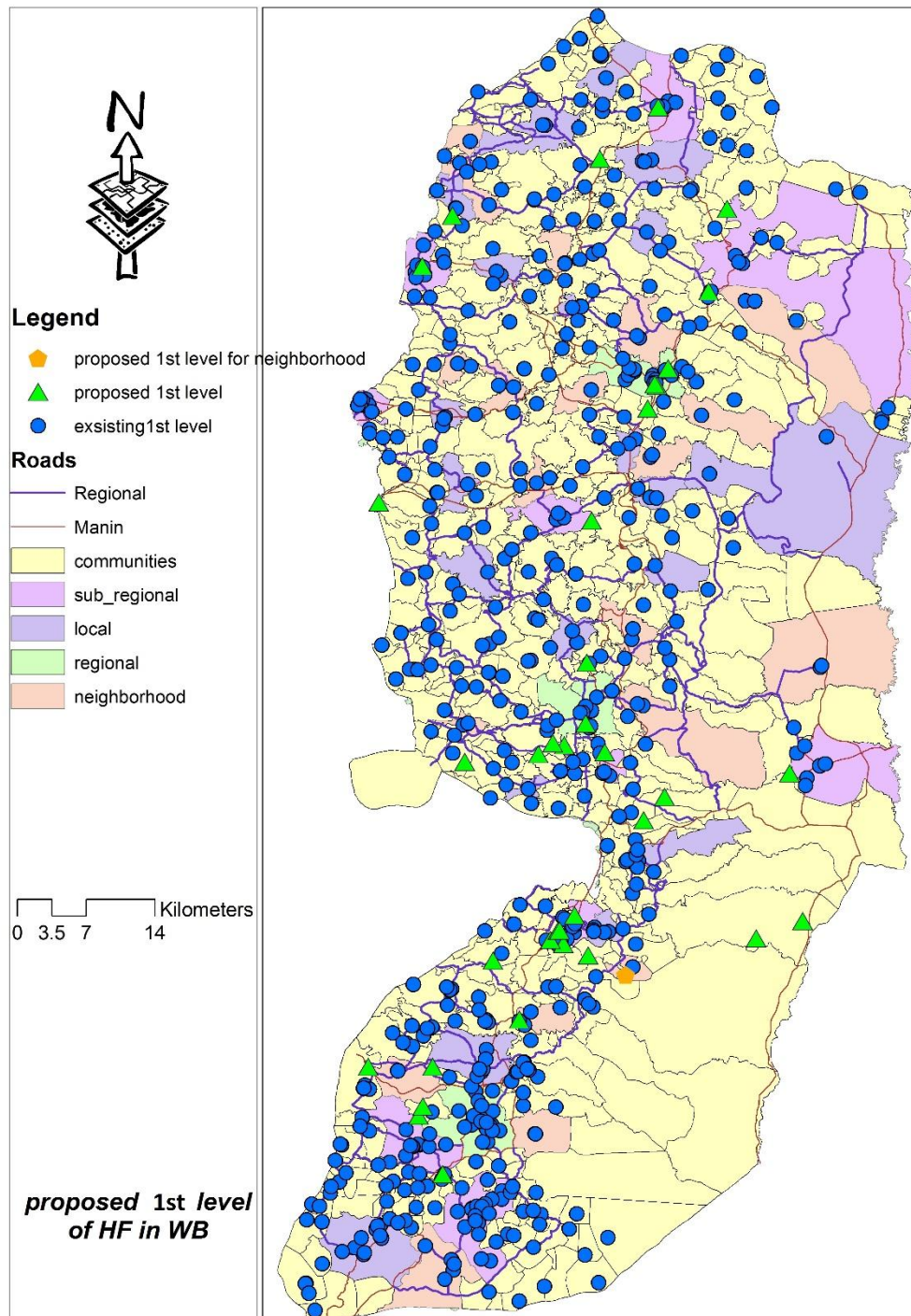
Map 105: poroposed 1st level of HF in WB
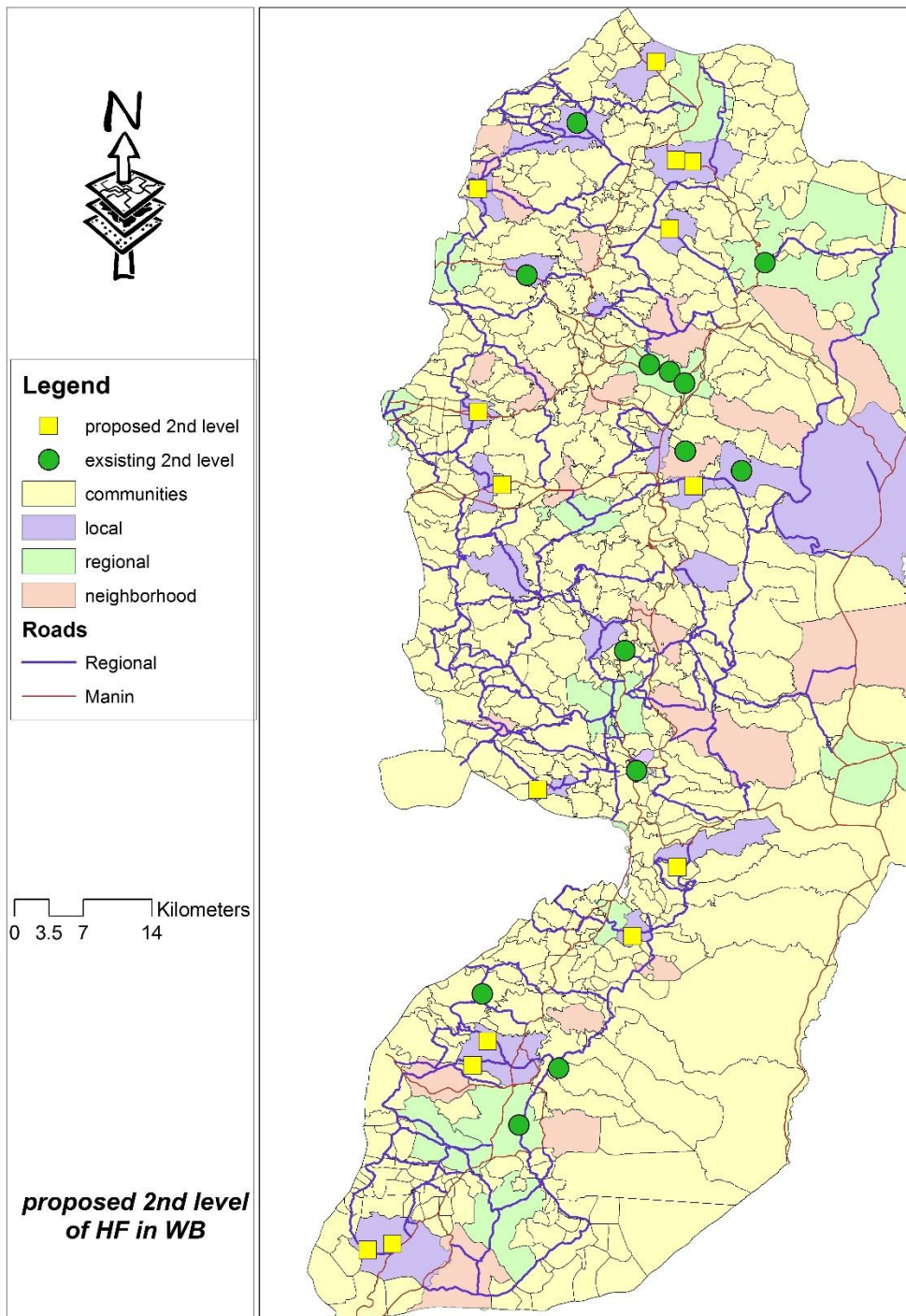
Map 106: proposed 2nd level of HF in WB

5. RECOMMENDATIONS

The main goal of this study is to make good distribution of HF and to meet the needs of the people.

1- Increase the number of 2nd level of HF in WB because there is big lake of this type of facilities

2- Work on to distribute the 3rd level of HF in main cities in good way to make it possible in fair way for all people,

3- Improve the quality of services that offered by HF

4- Make all communities in WB served by any HF which it meet the needs of the people that live in.

6. REFERENCES

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- **Appendix1:current condition of communities according to HF levels and communities levels**

Reginal communities

Appendix table 1: the condition of HF in Regional communities

Community Name	pop 2015	pop2025	pop 2050	gov	1st	2nd	3rd	4th	status	Description
Al Bireh	46212	62951	127089	Ramallah	8	-1	4	1	✕	regional without 2nd level
Ramallah	33218	45250	91354	Ramallah	0	-1	4	4	✕	regional without 2nd level
Nablus	146493	186113	320663	Nablus	18	3	5	2	√	good regional
Hebron (Al Khalil)	202172	285889	628333	Hebron	24	1	5	-1	✕	regional without 4th level

Sub-Regional communities

Appendix table 2: the condition of HF in sub-Regional communities

Community Name	pop 2015	pop2025	pop 2050	gov	1st	2nd	3rd	4th	status	description
Tulkarm	58050	70636	110337	Tulkarm	7	-1	3	0	✕	sub regional without 2rd level
Tubas	20129	28769	64779	Tubas	3	1	1	0	√	good sub regionall
Salfit	10215	12978	22360	Salfit	3	-1	2	0	✕	sub regional without 2rd level
Qalqilya	49441	64871	120267	Qalqilya	9	-1	3	0	✕	sub regional without 2rd level
Ar Ram	22969	27949	43658	Jerusalem	4	1	-1	0	✕	sub regional without 3rd level
Jericho (Ariha)	22006	29500	57422	Jericho	5	-1	1	0	✕	sub regional without 2rd level
Jenin	46139	60538	112235	Jenin	6	-1	2	1	✕	sub regional without 2rd level
Dura	35030	49536	108870	Hebron	10	-1	-1	1	✕	sub regional without 2nd & 3rd level

Yatta	60315	85291	187454	Hebron	18	-1	5	0	✕	sub regional without 2rd level
Bethlehem (Beit Lahm)	30176	40236	77372	Bethlehem	5	-1	3	0	✕	sub regional without 2rd level

Local communities

Appendix table 3: : the condition of HF in local communities

pop 2050	pop 2035	pop2025	pop 2015	gov	1st	2nd	3rd	4th	status	Describtion
19439	14875	12444	10227	Tulkarm	2	-1	0	0	✕	local without 2nd level
20499	14790	11898	9365	Salfit	1	-1	0	0	✕	local without 2nd level
18346	12036	9087	6671	Ramallah	1	-1	0	0	✕	local without 2nd level
15068	9885	7464	5479	Ramallah	2	-1	0	0	✕	local without 2nd level
12428	8153	6156	4519	Ramallah	1	-1	1	0	✕	local without 2nd level
22535	15560	12155	9264	Qalqilya	4	-1	0	0	✕	local without 2nd level
14160	10217	8219	6469	Nablus	2	-1	0	0	✕	local without 2nd level
18127	13078	10521	8281	Nablus	2	-1	0	0	✕	local without 2nd level
6646	4795	3857	3036	Nablus	2	-1	0	0	✕	local without 2nd level
14577	11154	9332	7669	Jerusalem	1	-1	0	0	✕	local without 2nd level
37754	28890	24170	19863	Jerusalem	5	-1	0	0	✕	local without 2nd level
11625	7795	5972	4455	Jericho	1	-1	0	0	✕	local without 2nd level
47143	32550	25428	19380	Jenin	1	-1	0	0	✕	local without 2nd level
20012	13818	10795	8227	Jenin	1	-1	0	0	✕	local without 2nd level
55240	38142	29796	22709	Jenin	3	-1	0	0	✕	local without 2nd level
110825	69094	50425	35659	Hebron	11	-1	0	0	✕	local without 2nd level

| 85222 | 53132 | 38776 | 27421 | Hebron | 9 | -1 | 2 | 0 | ✕ | local without 2nd level |
| 37871 | 25581 | 19694 | 14770 | Bethlehem | 5 | -1 | 1 | 0 | ✕ | local without 2nd level |

Neighborhood communities

Community Name	pop 2015	pop2025	pop +O1+B1+B1:B18	Gov	1st	2nd	3rd	4th	status	Describtion
'Illar	7004	8523	13313	Tulkarm	1	0	0	0	√	good neighborhood
Baqa ash Sharqiya	4641	5647	8821	Tulkarm	1	0	0	0	√	good neighborhood
Kafr Zibad	1220	1485	2319	Tulkarm	1	0	0	0	√	good neighborhood
Qaffin	9490	11548	18038	Tulkarm	1	0	0	0	√	good neighborhood
Tammun	13451	19225	43288	Tubas	2	0	0	0	√	good neighborhood
Kifl Harith	3772	4792	8257	Salfit	1	0	0	0	√	good neighborhood
Beit 'Ur at Tahta	5289	7205	14545	Ramallah	2	0	0	0	√	good neighborhood
Deir Dibwan	6353	8654	17472	Ramallah	2	0	0	0	√	good neighborhood
Silwad	7407	10090	20370	Ramallah	2	0	1	0	√	good neighborhood
Hajja	2544	3338	6188	Qalqilya	1	0	0	0	√	good neighborhood
'Asira ash Shamaliya	8776	11150	19210	Nablus	3	0	0	0	√	good neighborhood
Beit Furik	12008	15256	26285	Nablus	1	0	0	0	√	good neighborhood
Beita	10545	13397	23082	Nablus	2	1	0	0	√	good neighborhood
Tell	5045	6409	11043	Nablus	1	0	0	0	√	good neighborhood
Al 'Auja	4942	6625	12896	Jericho	2	0	0	0	√	good neighborhood
Silat adh Dhahr	6854	8993	16673	Jenin	2	0	0	0	√	good neighborhood

As Samu'	24349	34432	75675	Hebron	6	0	0	0	√	good neighborhood
Bani Na'im	24888	35194	77350	Hebron	2	0	1	0	√	good neighborhood
Tarqumiya	17791	25158	55293	Hebron	2	0	0	0	√	good neighborhood
Beit Fajjar	13142	17523	33696	Bethlehem	1	0	0	0	√	good neighborhood
Za'tara	7511	10015	19258	Bethlehem	1	0	0	0	√	good neighborhood

Other communities

Community Name	pop 2015	pop2025	pop 2050	gov	1st	2nd	3rd	4th	status	Description
Bal'a	4561	5550	8669	Tulkarm	2	0	0	0	√	community contains HF
Shufa	2483	3021	4720	Tulkarm	2	0	0	0	√	community contains HF
Tulkarm Camp	12041	14652	22887	Tulkarm	1	0	0	0	√	community contains HF
Deir el Ghusun	9326	11348	17726	Tulkarm	1	0	0	0	√	community contains HF
Nur Shams Camp	7331	8920	13934	Tulkarm	1	0	0	0	√	community contains HF
Beit Lid	5651	6876	10741	Tulkarm	1	0	0	0	√	community contains HF
Kafr el Labad	4610	5610	8762	Tulkarm	1	0	0	0	√	community contains HF
Far'un	3508	4269	6668	Tulkarm	1	0	0	0	√	community contains HF
Seida	3314	4033	6299	Tulkarm	1	0	0	0	√	community contains HF
Zeita	3227	3927	6134	Tulkarm	1	0	0	0	√	community contains HF
Iktaba	3016	3670	5733	Tulkarm	1	0	0	0	√	community contains HF
Kafr Jammal	2743	3338	5214	Tulkarm	1	0	0	0	√	community contains HF

Nazlat 'Isa	2641	3214	5020	Tulkarm	1	0	0	0	√	community contains HF
Ramin	2044	2487	3885	Tulkarm	1	0	0	0	√	community contains HF
An Nazla ash Sharqiya	1713	2084	3256	Tulkarm	1	0	0	0	√	community contains HF
Kafr Sur	1264	1538	2403	Tulkarm	1	0	0	0	√	community contains HF
En Nazla el Gharbiya	1060	1290	2015	Tulkarm	1	0	0	0	√	community contains HF
Al Jarushiya	1055	1284	2005	Tulkarm	1	0	0	0	√	community contains HF
Er Ras	611	743	1161	Tulkarm	1	0	0	0	√	community contains HF
An Nazla al Wusta	385	468	732	Tulkarm	1	0	0	0	√	community contains HF
Rafah Camp	21702.5	31685	74879.5		-1	0	0	0	X	community without HF
Ad Doha	11648	15531	29866	Bethlehem	-1	0	0	0	X	community without HF
An Nuseirat Camp	8737.5	12554.5	28613		-1	0	0	0	X	community without HF
El Far'a Camp	7117	10172	22904	Tubas	-1	0	0	0	X	community without HF
Al Am'ari Camp	6065	8262	16680	Ramallah	-1	0	0	0	X	community without HF
Hindaza	5732	7643	14697	Bethlehem	-1	0	0	0	X	community without HF
'Ayda Camp	3142	4189	8056	Bethlehem	-1	0	0	0	X	community without HF
'Aqqaba	8159	11661	26257	Tubas	1	0	0	0	√	community contains HF
Wadi al Far'a	3402	4862	10948	Tubas	1	0	0	0	√	community contains HF
Tayasir	3101	4432	9980	Tubas	1	0	0	0	√	community contains HF
Bardala	2040	2916	6565	Tubas	1	0	0	0	√	community contains HF
'Ein el Beida	1449	2071	4663	Tubas	1	0	0	0	√	community contains HF
Ras al Far'a	880	1258	2832	Tubas	1	0	0	0	√	community contains HF

Khirbet 'Atuf	213	304	685	Tubas	1	0	0	0	√	community contains HF
Al'Aqaba	130	186	418	Tubas	1	0	0	0	√	community contains HF
Al Lubban ash Sharqiya	2863	3637	6267	Nablus	-1	0	0	0	X	community without HF
Kafr Qallil	2847	3617	6232	Nablus	-1	0	0	0	X	community without HF
Rafat	2678	3259	5090	Jerusalem	-1	0	0	0	X	community without HF
Zeita Jamma'in	2456	3120	5376	Nablus	-1	0	0	0	X	community without HF
'Arrana	2361	3098	5743	Jenin	-1	0	0	0	X	community without HF
Zawata	2178	2767	4767	Nablus	-1	0	0	0	X	community without HF
Jifna	2076	2828	5709	Ramallah	-1	0	0	0	X	community contains HF
Ash Shuhada	2068	2713	5030	Jenin	-1	0	0	0	X	community without HF
Az Zawiya	3216	4104.5	7150.5	Salfit	2	0	0	0	√	community contains HF
Mas-ha	2326	2955	5091	Salfit	2	0	0	0	√	community contains HF
Kafr ad Dik	5287	6717	11573	Salfit	1	0	0	0	√	community contains HF
Qarawat Bani Hassan	4414	5608	9662	Salfit	1	0	0	0	√	community contains HF
Bruqin	3758	4774	8226	Salfit	1	0	0	0	√	community contains HF
Deir Ballut	3710	4713	8121	Salfit	1	0	0	0	√	community contains HF
Deir Istiya	3653	4641	7996	Salfit	1	0	0	0	√	community contains HF
Haris	3614	4591	7911	Salfit	1	0	0	0	√	community contains HF
Sarta	2938	3733	6431	Salfit	1	0	0	0	√	community contains HF
Marda	2313	2939	5063	Salfit	1	0	0	0	√	community contains HF
Rafat	2161	2745	4730	Salfit	1	0	0	0	√	community contains HF

Farkha	1586	2015	3472	Salfit	1	0	0	0	√	community contains HF
Qira	1327	1686	2905	Salfit	1	0	0	0	√	community contains HF
Iskaka	1059	1345	2318	Salfit	1	0	0	0	√	community contains HF
Madama	2037	2588	4459	Nablus	-1	0	0	0	X	community without HF
Yasuf	1882	2391	4120	Salfit	-1	0	0	0	X	community without HF
Osarin	1872	2378	4098	Nablus	-1	0	0	0	X	community without HF
Beituniya	23904	32563	65739	Ramallah	3	0	0	0	√	community contains HF
Al-Zaytouneh	7488	10200	20593	Ramallah	3	0	0	0	√	community contains HF
Bani Zeid ash Sharqiya	6149	8376	16911	Ramallah	3	0	0	0	√	community contains HF
Ni'lin	5532	7536	15214	Ramallah	3	0	0	0	√	community contains HF
AL-Itihad	8229	11210	22631	Ramallah	2	0	0	0	√	community contains HF
Deir Jarir	4822	6569	13261	Ramallah	2	0	0	0	√	community contains HF
Kobar	4448	6059	12233	Ramallah	2	0	0	0	√	community contains HF
Al Mughayyir	2864	3830	7421.5	Ramallah	2	0	0	0	√	community contains HF
'Abud	2521	3434	6933	Ramallah	2	0	0	0	√	community contains HF
Ras Karkar	2012	2741	5533	Ramallah	2	0	0	0	√	community contains HF
Al-Jalazun Camp	9451	12874	25992	Ramallah	1	0	0	0	√	community contains HF
Beit Liqya	9327	12705	25651	Ramallah	1	0	0	0	√	community contains HF
Sinjil	6334	8628	17419	Ramallah	1	0	0	0	√	community contains HF
Khirbat el Misbah	6304	8587	17337	Ramallah	1	0	0	0	√	community contains HF
Qibya	5929	8077	16306	Ramallah	1	0	0	0	√	community contains HF

Shuqba	5440	7410	14961	Ramallah	1	0	0	0	√	community contains HF
Al Mazra'a ash Sharqiya	5437	7406	14953	Ramallah	1	0	0	0	√	community contains HF
Khirbet Abu Falah	4834	6585	13294	Ramallah	1	0	0	0	√	community contains HF
Saffa	4599	6265	12648	Ramallah	1	0	0	0	√	community contains HF
Kafr Ni'ma	4536	6179	12475	Ramallah	1	0	0	0	√	community contains HF
Deir Abu Mash'al	4260	5803	11716	Ramallah	1	0	0	0	√	community contains HF
'Abwein	3773	5140	10376	Ramallah	1	0	0	0	√	community contains HF
'Ein Yabrud	3628	4942	9978	Ramallah	1	0	0	0	√	community contains HF
Qarawat Bani Zeid	3526	4803	9697	Ramallah	1	0	0	0	√	community contains HF
Dura el Qar'	3504	4773	9636	Ramallah	1	0	0	0	√	community contains HF
Kharbatha Bani Harith	3443	4690	9469	Ramallah	1	0	0	0	√	community contains HF
Kafr Malik	3371	4592	9271	Ramallah	1	0	0	0	√	community contains HF
Beit Sira	3325	4529	9144	Ramallah	1	0	0	0	√	community contains HF
Rammun	3177	4328	8737	Ramallah	1	0	0	0	√	community contains HF
Rantis	3065	4175	8429	Ramallah	1	0	0	0	√	community contains HF
'Atara	2746	3741	7552	Ramallah	1	1	0	0	√	community contains HF
Beitin	2592	3531	7128	Ramallah	1	0	0	0	√	community contains HF
Deir Ibzi'	2503	3410	6884	Ramallah	1	0	0	0	√	community contains HF
Deir as Sudan	2408	3280	6622	Ramallah	1	0	0	0	√	community contains HF
Deir Qaddis	2349	3200	6460	Ramallah	1	0	0	0	√	community contains HF
Deir 'Ammar Camp	2219	3023	6103	Ramallah	1	0	0	0	√	community contains HF

Kafr 'Ein	2108	2872	5797	Ramallah	1	0	0	0	√	community contains HF
Bil'in	2058	2803	5660	Ramallah	1	0	0	0	√	community contains HF
'Ein 'Arik	1896	2583	5214	Ramallah	1	0	0	0	√	community contains HF
Al Lubban al Gharbi	1785	2432	4909	Ramallah	1	0	0	0	√	community contains HF
Et Taiyiba	1756	2392	4829	Ramallah	1	0	0	0	√	community contains HF
Budrus	1692	2305	4653	Ramallah	1	0	0	0	√	community contains HF
At Tira	1643	2238	4518	Ramallah	1	0	0	0	√	community contains HF
El Midya	1574	2144	4329	Ramallah	1	0	0	0	√	community contains HF
El Janiya	1407	1917	3869	Ramallah	1	0	0	0	√	community contains HF
Deir Nidaham	1063	1448	2923	Ramallah	1	0	0	0	√	community contains HF
Shabtin	1021	1391	2808	Ramallah	1	0	0	0	√	community contains HF
Umm Safa	740	1008	2035	Ramallah	1	0	0	0	√	community contains HF
Al 'Aza Camp	1826	2435	4682	Bethlehem	-1	0	0	0	X	community without HF
'Arab ar Rashayida	1735	2313	4449	Bethlehem	-1	0	0	0	X	community without HF
Abu Qash	1698	2313	4670	Ramallah	-1	0	0	0	X	community without HF
Wadi Rahhal	1695	2260	4346	Bethlehem	-1	0	0	0	X	community without HF
Khallah Hamameh	1690	2253	4333	Bethlehem	-1	0	0	0	X	community without HF
Jurish	1626	2066	3559	Nablus	-1	0	0	0	X	community without HF
Bir al Basha	1546	2028	3761	Jenin	-1	0	0	0	X	community without HF
Al Baqa	1509	2134	4690	Hebron	-1	0	0	0	X	community without HF
'Ajjul	1496	2038	4114	Ramallah	-1	0	0	0	X	community without HF

Beit Ta'mir	1468	1957	3764	Bethlehem	-1	0	0	0	X	community without HF
Qaddura Camp	1461	1990	4018	Ramallah	-1	0	0	0	X	community without HF
Odala	1318	1674	2885	Nablus	-1	0	0	0	X	community without HF
Beit Hasan	1302	1654	2850	Nablus	-1	0	0	0	X	community without HF
Fasayil	1293	1733	3374	Jericho	-1	0	0	0	X	community without HF
Surda	1247	1699	3429	Ramallah	-1	0	0	0	X	community without HF
Beit Wazan	1228	1560	2688	Nablus	-1	0	0	0	X	community without HF
Al Maniya	1209	1612	3100	Bethlehem	-1	0	0	0	X	community without HF
Habla	7126	9350	17334	Qalqilya	3	0	0	0	√	community contains HF
Kafr Qaddum	3445	4520	8380	Qalqilya	2	0	0	0	√	community contains HF
Kafr Thulth	4645	6095	11299	Qalqilya	1	0	0	0	√	community contains HF
Jayyus	3428	4498	8339	Qalqilya	1	0	0	0	√	community contains HF
Sanniriya	3293	4321	8010	Qalqilya	1	0	0	0	√	community contains HF
Immatin	2829	3712	6882	Qalqilya	1	0	0	0	√	community contains HF
Jinsafut	2510	3293	6106	Qalqilya	1	0	0	0	√	community contains HF
'Azzun 'Atma	2098	2753	5103	Qalqilya	1	0	0	0	√	community contains HF
Baqat al Hatab	1947	2555	4736	Qalqilya	1	0	0	0	√	community contains HF
Ras 'Atiya	1803	2366	4386	Qalqilya	1	0	0	0	√	community contains HF
An Nabi Elyas	1387	1820	3374	Qalqilya	1	0	0	0	√	community contains HF
Kafr Laqif	1014	1330	2467	Qalqilya	1	0	0	0	√	community contains HF
'Izbat Salman	855	1122	2080	Qalqilya	1	0	0	0	√	community contains HF

Falamya	750	984	1824	Qalqilya	1	0	0	0	√	community contains HF
Ad Dab'a	397	521	966	Qalqilya	1	0	0	0	√	community contains HF
beit Amin	1196	1569	2909	Qalqilya	0	0	0	0	√	community without HF
Ti'innik	1183	1552	2878	Jenin	0	0	0	0	√	community without HF
Al 'Aqrabaniya	1163	1478	2546	Nablus	0	0	0	0	√	community without HF
Um Salamuna	1129	1505	2895	Bethlehem	0	0	0	0	√	community without HF
Qla'a Zeta	1119	1582	3478	Hebron	0	0	0	0	√	community without HF
Zibda	1117	1466	2717	Jenin	0	0	0	0	√	community without HF
Al Jab'a	1070	1427	2744	Bethlehem	0	0	0	0	√	community without HF
Beit 'Ur al Fauqa	1045	1424	2874	Ramallah	0	0	0	0	√	community without HF
'Isal	1013	1329	2464	Qalqilya	0	0	0	0	√	community without HF
'Ein ad Duyuk al Foqa	985	1320	2570	Jericho	0	0	0	0	√	community without HF
'Ein Qiniya	982	1338	2701	Ramallah	0	0	0	0	√	community without HF
Wadi an Nis	922	1229	2364	Bethlehem	0	0	0	0	√	community without HF
Badiw al Mu'arrajat	911	1241	2505	Ramallah	0	0	0	0	√	community without HF
Balata Camp	17708	22497	38762	Nablus	3	0	0	0	√	community contains HF
Burqa	3684	4758	8536.667	Nablus	3	0	0	0	√	community contains HF
Al Badhan	2886	3667	6317	Nablus	2	0	0	0	√	community contains HF
An Nassariya	1841	2339	4030	Nablus	2	0	0	0	√	community contains HF
'Askar	13481	17127	29509	Nablus	1	0	0	0	√	community contains HF
Jamma'in	7230	9185	15826	Nablus	1	0	0	0	√	community contains HF

'Awarta	6531	8297	14296	Nablus	1	0	0	0	√	community contains HF
Salim	5879	7469	12869	Nablus	1	0	0	0	√	community contains HF
Qusra	5084	6459	11129	Nablus	1	0	0	0	√	community contains HF
Rujeib	4880	6200	10682	Nablus	1	0	0	0	√	community contains HF
'Ein Beit el Ma Camp	4621	5871	10115	Nablus	1	1	0	0	√	community contains HF
Beit Dajan	4048	5143	8861	Nablus	1	0	0	0	√	community contains HF
Beit Iba	3658	4647	8007	Nablus	1	0	0	0	√	community contains HF
'Urif	3393	4311	7427	Nablus	1	0	0	0	√	community contains HF
Yatma	3314	4210	7254	Nablus	1	0	0	0	√	community contains HF
Talfit	3280	4167	7180	Nablus	1	0	0	0	√	community contains HF
Beit Imrin	3276	4162	7171	Nablus	1	0	0	0	√	community contains HF
'Azmut	3078	3910	6738	Nablus	1	0	0	0	√	community contains HF
Jit	2976	3781	6514	Nablus	1	0	0	0	√	community contains HF
Deir Sharaf	2857	3630	6254	Nablus	1	0	0	0	√	community contains HF
Es Sawya	2779	3531	6083	Nablus	1	0	0	0	√	community contains HF
Majdal Bani Fadil	2767	3515	6057	Nablus	1	0	0	0	√	community contains HF
Talluza	2758	3504	6037	Nablus	1	0	0	0	√	community contains HF
'Asira al Qibliya	2748	3491	6015	Nablus	1	0	0	0	√	community contains HF
'Einabus	2718	3453	5950	Nablus	1	0	0	0	√	community contains HF
Qaryut	2696	3425	5901	Nablus	1	0	0	0	√	community contains HF
Burin	2682	3407	5871	Nablus	1	0	0	0	√	community contains HF

Bizzariya	2616	3324	5726	Nablus	1	0	0	0	√	community contains HF
Deir al Hatab	2570	3265	5626	Nablus	1	0	0	0	√	community contains HF
Duma	2438	3097	5337	Nablus	1	0	0	0	√	community contains HF
Yasid	2420	3075	5297	Nablus	1	0	0	0	√	community contains HF
Qusin	1985	2522	4345	Nablus	1	0	0	0	√	community contains HF
An Naqura	1794	2279	3927	Nablus	1	0	0	0	√	community contains HF
Jilijliya	896	1221	2464	Ramallah	0	0	0	0	√	community without HF
Al Funduq	896	1176	2180	Qalqilya	0	0	0	0	√	community without HF
Furush Beit Dajan	893	1135	1955	Nablus	0	0	0	0	√	community without HF
'Iraq Burin	892	1133	1953	Nablus	0	0	0	0	√	community without HF
Sir	880	1155	2141	Jenin	0	0	0	0	√	community without HF
Saffarin	860	1046	1635	Tulkarm	0	0	0	0	√	community without HF
'Ein Siniya	860	1172	2365	Ramallah	0	0	0	0	√	community without HF
Al Bowereh (Aqabat Injeleh)	860	1216	2673	Hebron	0	0	0	0	√	community without HF
Nazlat ash Sheikh Zeid	833	1093	2026	Jenin	0	0	0	0	√	community without HF
Marah Ma'allah	818	1091	2097	Bethlehem	0	0	0	0	√	community without HF
Bir Onah	803	1071	2059	Bethlehem	0	0	0	0	√	community without HF
Beit Ijza	787	958	1496	Jerusalem	0	0	0	0	√	community without HF
Al Ka'abina (Tajammu' Badawi)	783	953	1488	Jerusalem	0	0	0	0	√	community without HF
Yabrud	779	1061	2142	Ramallah	0	0	0	0	√	community without HF

Far'ata	760	997	1849	Qalqilya	0	0	0	0	√	community without HF
Burham	745	1015	2049	Ramallah	0	0	0	0	√	community without HF
Khallet al Louza	690	920	1769	Bethlehem	0	0	0	0	√	community without HF
Ath Thaghra	680	972	2188	Tubas	0	0	0	0	√	community without HF
Umm Dar	659	865	1603	Jenin	0	0	0	0	√	community without HF
An Nabi Salih	646	880	1777	Ramallah	0	0	0	0	√	community without HF
Abu Dis	12164	14801	23120	Jerusalem	2	0	0	0	√	community contains HF
Al Jib	4761	5793	9049	Jerusalem	2	0	0	0	√	community contains HF
Jerusalem (Bait al Maqdis)	255686	311123	485990	Jerusalem	1	0	0	0	√	community contains HF
'Anata	13594	16541	25838	Jerusalem	1	0	0	0	√	community contains HF
Qalandiya Camp	9963	12123	18937	Jerusalem	1	0	0	0	√	community contains HF
Qatanna	7286	8866	13849	Jerusalem	1	0	0	0	√	community contains HF
Hizma	7075	8609	13448	Jerusalem	1	0	0	0	√	community contains HF
As Sawahira ash Sharqiya	6544	7963	12438	Jerusalem	1	0	0	0	√	community contains HF
Bir Nabala	5435	6613	10330	Jerusalem	1	0	0	0	√	community contains HF
Beit 'Anan	4490	5464	8534	Jerusalem	1	0	0	0	√	community contains HF
Beit Surik	4385	5336	8335	Jerusalem	1	0	0	0	√	community contains HF
Az Za'ayyem	3838	4670	7295	Jerusalem	1	0	0	2	√	community contains HF
Al Qubeiba	3579	4355	6803	Jerusalem	1	0	0	0	√	community contains HF
Al Judeira	2568	3125	4881	Jerusalem	1	0	0	0	√	community contains HF
Ash Sheikh Sa'd	2199	2676	4180	Jerusalem	1	0	0	0	√	community contains HF

Beit Iksa	2138	2602	4064	Jerusalem	1	0	0	0	√	community contains HF
Beit Duqqu	1829	2226	3476	Jerusalem	1	0	0	0	√	community contains HF
Mukhmas	1632	1986	3102	Jerusalem	1	0	4	2	√	community contains HF
Qalandiya	1330	1618	2528	Jerusalem	1	0	0	1	√	community contains HF
Beit Hanina al Balad	1208	1470	2296	Jerusalem	1	0	0	0	√	community contains HF
'Arab al Jahalin	813	989	1545	Jerusalem	1	0	0	0	√	community contains HF
Kafr 'Aqab	0	0	0	Jerusalem	1	0	0	0	√	community contains HF
Shu'fat Camp	0	0	0	Jerusalem	1	0	0	0	√	community contains HF
Al Khuljan	602	790	1464	Jenin	0	0	0	0	√	community without HF
wadi Al Amayer	596	843	1852	Hebron	0	0	0	0	√	community without HF
Ijnisinya	587	746	1285	Nablus	0	0	0	0	√	community without HF
Ma'in	569	805	1768	Hebron	0	0	0	0	√	community without HF
Al 'Asa'asa	549	720	1335	Jenin	0	0	0	0	√	community without HF
Kisan	542	723	1390	Bethlehem	0	0	0	0	√	community without HF
Jalud	539	685	1180	Nablus	0	0	0	0	√	community without HF
Khirbet Sir	529	694	1287	Qalqilya	0	0	0	0	√	community without HF
Al Manshiya	517	689	1326	Bethlehem	0	0	0	0	√	community without HF
Imreiha	500	656	1216	Jenin	0	0	0	0	√	community without HF
Wad ad Dabi'	486	638	1182	Jenin	0	0	0	0	√	community without HF
Khallet al Haddad	486	648	1246	Bethlehem	0	0	0	0	√	community without HF
Al Khas	471	628	1208	Bethlehem	0	0	0	0	√	community without HF

Kheroshewesh Wal Hadadeyah	470	665	1461	Hebron	0	0	0	0	√	community without HF
Ras at Tira	467	613	1136	Qalqilya	0	0	0	0	√	community without HF
Silwad Camp	462	629	1271	Ramallah	0	0	0	0	√	community without HF
Az Zubeidat	1704	2284	4446	Jericho	2	0	0	0	√	community contains HF
Aqbat Jaber Camp	8608	11539	22461	Jericho	1	0	0	0	√	community contains HF
'Ein as Sultan Camp	3790	5081	9890	Jericho	1	0	0	0	√	community contains HF
An Nuwei'ma	1493	2001	3896	Jericho	1	0	0	0	√	community contains HF
Marj Na'ja	858	1150	2239	Jericho	1	0	0	0	√	community contains HF
Al Malih	461	659	1484	Tubas	0	0	0	0	√	community without HF
Nisf Jubeil	458	582	1003	Nablus	0	0	0	0	√	community without HF
Kafa	457	556	869	Tulkarm	0	0	0	0	√	community without HF
Umm ar Rihan	438	575	1065	Jenin	0	0	0	0	√	community without HF
Silat el Harithiya	11146	14625	27113	Jenin	3	0	0	0	√	community contains HF
Jaba'	7894.333	10244	18566.67	Jenin	3	0	0	0	√	community contains HF
Kafr Ra'i	8711	11430	21190	Jenin	2	0	0	0	√	community contains HF
Az Zababida	4335	5688	10545	Jenin	2	0	0	0	√	community contains HF
Rummana	3714	4873	9034	Jenin	2	0	0	0	√	community contains HF
Jenin Camp	12268	16097	29842	Jenin	1	0	0	0	√	community contains HF
'Arraba	11735	15397	28546	Jenin	1	0	0	0	√	community contains HF
Birqin	6725	8824	16359	Jenin	1	0	0	0	√	community contains HF
Deir Abu Da'if	6591	8648	16033	Jenin	1	0	0	0	√	community contains HF

Kafr Dan	6090	7991	14814	Jenin	1	0	0	0	√	community contains HF
'Ajja	5980	7846	14547	Jenin	1	0	0	0	√	community contains HF
Siris	5780	7584	14060	Jenin	1	0	0	0	√	community contains HF
Al Judeida	5605	7354	13634	Jenin	1	0	0	0	√	community contains HF
Barta'a ash Sharqiya	4940	6482	12017	Jenin	1	0	0	0	√	community contains HF
Sanur	4811	6312	11703	Jenin	1	0	0	0	√	community contains HF
'Anin	4366	5729	10620	Jenin	1	0	0	0	√	community contains HF
Faqqu'a	4101	5381	9976	Jenin	1	0	0	0	√	community contains HF
Al Fandaqumiya	4023	5279	9786	Jenin	1	0	0	0	√	community contains HF
Raba	3720	4881	9049	Jenin	1	0	0	0	√	community contains HF
Misliya	2968	3894	7220	Jenin	1	0	0	0	√	community contains HF
Fahma	2941	3859	7154	Jenin	1	0	0	0	√	community contains HF
Kufeirit	2846	3734	6923	Jenin	1	0	0	0	√	community contains HF
Jalbun	2827	3709	6877	Jenin	1	0	0	0	√	community contains HF
Al 'Araqa	2556	3354	6218	Jenin	1	0	0	0	√	community contains HF
At Tayba	2549	3345	6201	Jenin	1	0	0	0	√	community contains HF
Al Jalama	2437	3198	5928	Jenin	1	0	0	0	√	community contains HF
Jalqamus	2356	3091	5731	Jenin	1	0	0	0	√	community contains HF
Zububa	2288	3002	5566	Jenin	1	0	0	0	√	community contains HF
'Anza	2216	2908	5390	Jenin	1	0	0	0	√	community contains HF
Mirka	1906	2501	4636	Jenin	1	0	0	0	√	community contains HF

Beit Qad	1712	2246	4165	Jenin	1	0	0	0	√	community contains HF
Al 'Attara	1371	1799	3335	Jenin	1	0	0	0	√	community contains HF
Kafr Qud	1352	1774	3289	Jenin	1	0	0	0	√	community contains HF
Al Hashimiya	1243	1631	3024	Jenin	1	0	0	0	√	community contains HF
Umm at Tut	1170	1535	2846	Jenin	1	0	0	0	√	community contains HF
Ar Rama	1140	1496	2773	Jenin	1	0	0	0	√	community contains HF
Tura al Gharbiya	1086	1425	2642	Jenin	1	0	0	0	√	community contains HF
Deir Ghazala	1059	1389	2576	Jenin	1	0	0	0	√	community contains HF
'Arabbuna	958	1257	2330	Jenin	1	0	0	0	√	community contains HF
Fahma al Jadida	437	573	1063	Jenin	1	0	0	0	√	community contains HF
At Tarem	437	573	1063	Jenin	0	0	0	0	√	community without HF
Dhaher al'Abed	429	563	1044	Jenin	0	0	0	0	√	community without HF
Kharayib Umm al Lahim	410	499	779	Jerusalem	0	0	0	0	√	community without HF
'Ein Shibli	389	494	851	Nablus	0	0	0	0	√	community without HF
Kardala	383	547	1233	Tubas	0	0	0	0	√	community without HF
'Izbat al Ashqar	373	489	907	Qalqilya	0	0	0	0	√	community without HF
An Nabi Musa	371	497	968	Jericho	0	0	0	0	√	community without HF
Om Ashoqhan	367	519	1141	Hebron	0	0	0	0	√	community without HF
'Ammuriya	351	446	768	Nablus	0	0	0	0	√	community without HF
Al Mutilla	349	458	849	Jenin	0	0	0	0	√	community without HF
Khaliet al 'Aqed	337	477	1047	Hebron	0	0	0	0	√	community without HF

Khirbet Jubara	332	404	631	Tulkarm	0	0	0	0	√	community without HF
Al Mudawwar	321	421	781	Qalqilya	0	0	0	0	√	community without HF
Beit Nuba	301	410	828	Ramallah	0	0	0	0	√	community without HF
Kur	296	360	563	Tulkarm	0	0	0	0	√	community without HF
Al Masqufa	294	358	559	Tulkarm	0	0	0	0	√	community without HF
An Nabi Samwil	291	354	553	Jerusalem	0	0	0	0	√	community without HF
'Akkaba	287	349	546	Tulkarm	0	0	0	0	√	community without HF
Telfit	282	370	686	Jenin	0	0	0	0	√	community without HF
'Izbat at Tabib	274	360	667	Qalqilya	0	0	0	0	√	community without HF
Khallet Al Masafer	269	380	836	Hebron	0	0	0	0	√	community without HF
Marah al Baqqar	266	376	827	Hebron	0	0	0	0	√	community without HF
Ibziq	263	376	846	Tubas	0	0	0	0	√	community without HF
sa'ir	22362	31622	69499	Hebron	9	0	0	0	√	community contains HF
Beit Ummar	16789	23741	52179	Hebron	6	0	0	0	√	community contains HF
Surif	16562	23420	51473	Hebron	6	0	0	0	√	community contains HF
Idhna	23560	33316	73222	Hebron	4	0	0	0	√	community contains HF
Beit Ula	13489	19075	41923	Hebron	4	0	0	0	√	community contains HF
Ash Shuyukh	10919	15440	33935	Hebron	4	0	0	0	√	community contains HF
Ar ramadin	4066	5750	12637	Hebron	3	0	0	0	√	community contains HF
Rabud	2803	3964	8711	Hebron	3	0	0	0	√	community contains HF
Beit 'Awwa	9993	14131	31057	Hebron	2	0	0	0	√	community contains HF

Kharas	8247	11662	25631	Hebron	2	0	0	0	√	community contains HF
Deir Samit	7729	10929	24021	Hebron	2	0	0	0	√	community contains HF
Nuba	5373	7598	16699	Hebron	2	0	0	0	√	community contains HF
Al Karmil	4636	6556	14408	Hebron	2	0	0	0	√	community contains HF
Al Burj	3195	4518	9930	Hebron	2	0	0	0	√	community contains HF
As Sura	2385	3373	7412	Hebron	2	1	0	0	√	community contains HF
Beit ar Rush al Fauqa	1213	1715	3770	Hebron	2	0	0	0	√	community contains HF
Ad Deirat	985	1393	3061	Hebron	2	0	0	0	√	community contains HF
Taffuh	13132	18570	40813	Hebron	1	0	0	0	√	community contains HF
Al 'Arrub Camp	9841	13916	30585	Hebron	1	0	0	0	√	community contains HF
Al Fawwar Camp	8109	11467	25202	Hebron	1	0	0	0	√	community contains HF
Beit Kahil	8087	11436	25134	Hebron	1	0	0	0	√	community contains HF
Ar Rihiya	4894	6921	15210	Hebron	1	0	0	0	√	community contains HF
Khursa	4263	6028	13249	Hebron	1	0	0	0	√	community contains HF
Beit Maqdum	3182	4500	9889	Hebron	1	0	0	0	√	community contains HF
Khallet Edar	2709	3831	8419	Hebron	1	0	0	0	√	community contains HF
Beit 'Amra	2683	3794	8339	Hebron	1	0	0	0	√	community contains HF
Al Majd	2385	3373	7412	Hebron	1	0	0	0	√	community contains HF
Hadab al Fawwar	2377	3361	7388	Hebron	1	0	0	0	√	community contains HF
Beit 'Einun	2242	3170	6968	Hebron	1	0	0	0	√	community contains HF
Imreish	2063	2917	6412	Hebron	1	0	0	0	√	community contains HF

Deir 'Asal al Fauqa	1980	2800	6154	Hebron	1	0	0	0	√	community contains HF
Shuyukh al'Arrub	1921	2716	5970	Hebron	1	0	0	0	√	community contains HF
Khallet al Maiyya	1750	2475	5439	Hebron	1	0	0	0	√	community contains HF
Karma	1718	2429	5339	Hebron	1	0	0	0	√	community contains HF
Al Heila	1582	2237	4917	Hebron	1	0	0	0	√	community contains HF
Qalqas	1424	2014	4426	Hebron	1	0	0	0	√	community contains HF
Khallet Salih	1354	1915	4208	Hebron	1	0	0	0	√	community contains HF
Hitta	1104	1561	3431	Hebron	1	0	0	0	√	community contains HF
Sikka	1060	1499	3294	Hebron	1	0	0	0	√	community contains HF
Umm Lasafa	1057	1495	3285	Hebron	1	0	0	0	√	community contains HF
Zif	1051	1486	3266	Hebron	1	0	0	0	√	community contains HF
Om Adaraj	1007	1424	3130	Hebron	1	0	0	0	√	community contains HF
Kurza	955	1350	2968	Hebron	1	0	0	0	√	community contains HF
Wadi ash Shajina	886	1253	2754	Hebron	1	0	0	0	√	community contains HF
Hadab al 'Alaqa	794	1123	2468	Hebron	1	0	0	0	√	community contains HF
Tarrama	782	1106	2430	Hebron	1	0	0	0	√	community contains HF
Al Buweib	752	1063	2337	Hebron	1	0	0	0	√	community contains HF
Khashem Adaraj	751	1062	2334	Hebron	1	0	0	0	√	community contains HF
'Arab al Fureijat	709	1003	2204	Hebron	1	0	0	0	√	community contains HF
Deir al 'Asal Aal Tahta	688	973	2138	Hebron	1	0	0	0	√	community contains HF
Um al-Khair	639	904	1986	Hebron	1	0	0	0	√	community contains HF

An Najada	512	724	1591	Hebron	1	0	0	0	√	community contains HF
Imneizil	483	683	1501	Hebron	1	0	0	0	√	community contains HF
Beit ar Rush al Tahta	462	653	1436	Hebron	1	0	0	0	√	community contains HF
Khirbet Salama	460	650	1430	Hebron	1	0	0	0	√	community contains HF
'Anab al Kabir	415	587	1290	Hebron	1	0	0	0	√	community contains HF
At Tawani	404	571	1256	Hebron	1	0	0	0	√	community contains HF
Beit Mirsim	394	557	1225	Hebron	1	1	0	0	√	community contains HF
Fuqeiqis	336	475	1044	Hebron	1	0	0	0	√	community contains HF
Deir Razih	332	469	1032	Hebron	1	0	0	0	√	community contains HF
Khirbet ad Dar	327	462	1016	Hebron	1	0	0	0	√	community contains HF
Jala	309	437	960	Hebron	1	0	0	0	√	community contains HF
Khirbet al Fakheit	286	404	889	Hebron	1	0	0	0	√	community contains HF
Khirbet Tawil ash Shih	226	320	702	Hebron	1	0	0	0	√	community contains HF
'Arab ar Ramadin al Janubi	263	345	640	Qalqilya	0	0	0	0	√	community without HF
Khirbet Qeis	262	333	574	Salfit	0	0	0	0	√	community without HF
Marj al Ghazal	243	326	634	Jericho	0	0	0	0	√	community without HF
'Aba	241	316	586	Jenin	0	0	0	0	√	community without HF
Dhaher al Malih	234	307	569	Jenin	0	0	0	0	√	community without HF
ar Ras al Ahmar	223	319	718	Tubas	0	0	0	0	√	community without HF
Khallet Sakariya	221	295	567	Bethlehem	0	0	0	0	√	community without HF
Khallat an Nu'man	207	276	531	Bethlehem	0	0	0	0	√	community without HF

Tura ash Sharqiya	206	270	501	Jenin	0	0	0	0	√	community without HF
Al Mansura	205	269	499	Jenin	0	0	0	0	√	community without HF
Jubbet adh Dhib	193	257	495	Bethlehem	0	0	0	0	√	community without HF
Al Farisiya	188	269	605	Tubas	0	0	0	0	√	community without HF
Om Al Amad	188	266	584	Hebron	0	0	0	0	√	community without HF
Beit Jala	14043	18724	36007	Bethlehem	5	0	0	0	√	community contains HF
Tuqu'	10607	14143	27197	Bethlehem	3	0	0	0	√	community contains HF
Al 'Ubeidiya	12843	17124	32930	Bethlehem	1	0	0	0	√	community contains HF
Al Khader	11673	15564	29930	Bethlehem	1	0	0	0	√	community contains HF
Ad Duheisha Camp	10434	13912	26753	Bethlehem	1	0	0	0	√	community contains HF
Nahhalin	8154	10872	20907	Bethlehem	1	0	0	0	√	community contains HF
Husan	6630	8840	16999	Bethlehem	1	0	0	0	√	community contains HF
Jannatah	6469	8626	16587	Bethlehem	1	0	0	0	√	community contains HF
Battir	4738	6317	12148	Bethlehem	1	0	1	1	√	community contains HF
Ash Shawawra	4463	5951	11443	Bethlehem	1	0	0	0	√	community contains HF
Artas	4375	5833	11218	Bethlehem	1	0	0	0	√	community contains HF
Dar Salah	4028	5371	10328	Bethlehem	1	0	0	0	√	community contains HF
Al Walaja	2438	3251	6251	Bethlehem	1	0	0	0	√	community contains HF
Jurat ash Sham'a	1781	2375	4567	Bethlehem	1	0	0	0	√	community contains HF
Marah Rabah	1577	2103	4043	Bethlehem	1	0	0	0	√	community contains HF
Wadi Fukin	1395	1860	3577	Bethlehem	1	0	0	0	√	community contains HF

Al Ma'sara	959	1279	2459	Bethlehem	1	0	0	0	√	community contains HF
Wadi ar Rasha	184	241	448	Qalqilya	0	0	0	0	√	community without HF
Jibiya	179	244	492	Ramallah	0	0	0	0	√	community without HF
Al Haffasi	178	217	338	Tulkarm	0	0	0	0	√	community without HF
Mantiqat Shi'b al Batin	170	240	528	Hebron	0	0	0	0	√	community without HF
Kharbet Humsa	166	237	534	Tubas	0	0	0	0	√	community without HF
Khirbet 'Abdallah al Yunis	163	214	397	Jenin	0	0	0	0	√	community without HF
Wadi 'Ubeid	161	228	500	Hebron	0	0	0	0	√	community without HF
Wadi Du'oq	146	192	355	Jenin	0	0	0	0	√	community without HF
'Arab Abu Farda	137	180	333	Qalqilya	0	0	0	0	√	community without HF
'Izbat Jal'ud	133	175	324	Qalqilya	0	0	0	0	√	community without HF
Yanun	118	150	258	Nablus	0	0	0	0	√	community without HF
Al Haddadaiya	64	85	164	Bethlehem	0	0	0	0	√	community without HF
'Izbat Abu Adam	13	17	28	Salfit	0	0	0	0	√	community without HF
As Sawahira al Gharbiya	0	0	0	Jerusalem A	0	0	0	0	√	community without HF
Beit Hanina	0	0	0	Jerusalem	0	0	0	0	√	community contains HF
'Isawiya	0	0	0	Jerusalem	0	0	0	0	√	community without HF
Ath Thuri	0	0	0	Jerusalem	0	0	0	0	√	community without HF
Beit Safafa	0	0	0	Jerusalem	0	0	0	0	√	community without HF
Jaba' (Tajammu' Badawi)	0	0	0	Jerusalem	0	0	0	0	√	community without HF

Jabal al Mukabbir	0	0	0	Jerusalem	0	0	0	0	√	community without HF
Sharafat	0	0	0	Jerusalem	0	0	0	0	√	community without HF
Shu'fat	0	0	0	Jerusalem	0	0	0	0	√	community without HF
Silwan	0	0	0	Jerusalem	0	0	0	0	√	community without HF
Sur Bahir	0	0	0	Jerusalem	0	0	0	0	√	community without HF
Maghayir al 'Abeed	0	0	0		1	0	0	0	√	community contains HF
Umm Tuba	0	0	0	Jerusalem	0	0	0	0	√	community without HF
Khallet 'Afana	0	0	0	Bethlehem	0	0	0	0	√	community without HF
'Arab ar Rammadin ash Shamali	0	0	0		0	0	0	0	√	community without HF
'Askar Askar	0	0	0		0	0	0	0	√	community without HF
Al-Doha	0	0	0		0	0	0	0	√	community without HF
Al Hafira	0	0	0		0	0	0	0	√	community without HF
Al Jameelat	0	0	0		0	0	0	0	√	community without HF
Al Jarba	0	0	0		0	0	0	0	√	community without HF
Al Kufeir	0	0	0		0	0	0	0	√	community without HF
Ar Rajman	0	0	0		0	0	0	0	√	community without HF
Arab Al-Khouleh	0	0	0		0	0	0	0	√	community without HF
As Sa'aida	0	0	0		0	0	0	0	√	community without HF
Deir al Qilt	0	0	0		0	0	0	0	√	community without HF
Deir Hajla	0	0	0		0	0	0	0	√	community without HF
Hamrush	0	0	0		0	0	0	0	√	community without HF

Kashda	0	0	0		0	0	0	0	√	community without HF
Khirbeh al Minthar al Gharbiya	0	0	0		0	0	0	0	√	community without HF
Khirbeh al Minthar al Sharqiya	0	0	0		0	0	0	0	√	community without HF
Khirbeh Mas'ud	0	0	0		0	0	0	0	√	community without HF
Khirbet Asfai	0	0	0		0	0	0	0	√	community without HF
Khirbet Bir al 'Idd	0	0	0		0	0	0	0	√	community without HF
Khirbet Suruj	0	0	0		0	0	0	0	√	community without HF
Khirbet Yarza	0	0	0		0	0	0	0	√	community without HF
Khirbet Zanuta	0	0	0		0	0	0	0	√	community without HF
Salhab	0	0	0		0	0	0	0	√	community without HF
Tall al Khashaba	0	0	0		0	0	0	0	√	community without HF
Umm Al Butm	0	0	0		0	0	0	0	√	community without HF
Wadi al Kilab	0	0	0		0	0	0	0	√	community without HF
Za'tara	0	0	0		0	0	0	0	√	community without HF

Legend for previous tables

(-1): lack of service

more than 0 : value indicate the number of services

(0) : indicate no services but no need for it

×: lack of services

√:enough
services

- **Appendix2:** Current and future needs in each level of communities according to population size

Regional and sub-regional needs

Appendix table 6: the current and future needs of 3rd level of HF in Regional and sub-regional communities according to population size

Community N	pop2016	pop2025	pop2050	Num of current HF	Num of HF should be available in 2016	Num of HF should be available in 2025	Num of HF should be available in 2050	current needs 2016	future needs 2025	future needs 2050
Al Bireh	338318	460866	930421	4	1	2	3	4	2	1
Bethlehem (Beit Lahm)	210484	280650	539689	3	1	1	2	3	2	1
Dura	683689	966799	2124845	0	1	2	4	0	-2	-4
Hebron (Al Khalil)	683689	966799	2124845	5	2	3	7	4	2	-2
Jenin	303237	397876	737634	2	1	1	2	2	1	0
Jericho (Ariha)	50748	68028	132421	1	0	0	0	1	1	1
Nablus	372524	473276	815433	5	1	2	3	4	3	2
Qalqilya	107924	141607	262530	3	0	0	1	3	3	2
Ramallah	338318	460866	930421	4	1	2	3	4	2	1
Salfit	69176	87885	151422	2	0	0	1	2	2	1
Tubas	62435	89235	200927	1	0	0	1	1	1	0
Tulkarm	178774	217536	339804	3	1	1	1	3	2	2
Yatta	683689	966799	2124845	5	1	2	4	5	3	1

CommunityN	pop2016	pop2025	pop2050	GOV	Num of current HF	Num of HF should be available in 2016	Num of HF should be available in 2025	Num of HF should be available in 2050	current needs 2016	future needs 2025	future needs 2050
'Anabta	8293	10091	15763	Tulkarm	3	1	1	1	0	0	0
'Attil	10227	12444	19439	Tulkarm	2	1	1	1	-1	-1	-1
'Azzun	9264	12155	22535	Qalqilya	4	1	1	2	-1	-1	-2
Adh Dhahiriya	35659	50425	110825	Hebron	11	2	3	7	-2	-3	-7
Al Jiftlik	4455	5972	11625	Jericho	1	0	0	1	0	0	-1
Al Yamun	19380	25428	47143	Jenin	1	1	2	3	-1	-2	-3
Aqraba	9500	12069	20795	Nablus	1	1	1	1	0	0	0
Bani Zeid	6671	9087	18346	Ramallah	1	0	1	1	0	-1	-1
Beit Sahur	14770	19694	37871	Bethlehem	5	1	1	3	-1	-1	-3
Biddu	7669	9332	14577	Jerusalem	1	1	1	1	-1	-1	-1
Biddya	9365	11898	20499	Salfit	1	1	1	1	-1	-1	-1
Bir Zeit	5479	7464	15068	Ramallah	2	0	0	1	0	0	-1

Local communities needs

Appendix table 7: the current and future needs of 2nd level of HF in local communities according to population size

Neighborhood communities

CommunityN	pop2016	pop2025	pop2050	gov	num of crrunet HF	Num of HF should e availabel	status20_2	status20_3	current needs2016	future needs 2025	future needs 2050
'Asira ash Shamaliya	8776	11150	19210	Nablus	3	1	1	2	2	2	1
'Illar	7004	8523	13313	Tulkarm	1	1	1	1	0	0	0
Al 'Auja	4942	6625	12896	Jericho	2	0	1	1	2	1	1
As Samu'	24349	34432	75675	Hebron	6	2	3	8	4	3	-2
Bani Na'im	24888	35194	77350	Hebron	2	2	4	8	0	-2	-6
Baqa ash Sharqiya	4641	5647	8821	Tulkarm	1	0	1	1	1	0	0
Beit 'Ur at Tahta	5289	7205	14545	Ramallah	2	1	1	1	1	1	1
Beit Fajjar	13142	17523	33696	Bethlehem	1	1	2	3	0	-1	-2
Beit Furik	12008	15256	26285	Nablus	1	1	2	3	0	-1	-2
Beita	10545	13397	23082	Nablus	2	1	1	2	1	1	0
Deir Dibwan	6353	8654	17472	Ramallah	2	1	1	2	1	1	0
Hajja	2544	3338	6188	Qalqilya	1	0	0	1	1	1	0
Kafr Zibad	1220	1485	2319	Tulkarm	1	0	0	0	1	1	1
Kifl Harith	3772	4792	8257	Salfit	1	0	0	1	1	1	0
Qaffin	9490	11548	18038	Tulkarm	1	1	1	2	0	0	-1
Silat adh Dhahr	6854	8993	16673	Jenin	2	1	1	2	1	1	0
Silwad	7407	10090	20370	Ramallah	2	1	1	2	1	1	0
Tammun	13451	19225	43288	Tubas	2	1	2	4	1	0	-2

						Num of HF should be available in 2016	Num of HF should be available in 2025	Num of HF should be available in 2050			
Tarqumiya	17791	25158	55293	Hebron	2	2	3	6	0	-1	-4
Tell	5045	6409	11043	Nablus	1	1	1	1	0	0	0
Za'tara	7511	10015	19258	Bethlehem	1	1	1	2	-1	-1	-2

Appendix table 8: the current and future needs of 1st level of HF in Neighborhood communities according to population size

Other communities needs

Appendix table 9: the current and future needs of 1st level of HF in other communities according to population size

Community N	pop2016	pop2025	pop2050	gov	num of current HF	Num of HF should be available in 2016	Num of HF should be available in 2025	Num of HF should be available in 2050	current needs 2016	future needs 2025	future needs 2050
'Aba	586	316	241	Jenin	0	0	0	0	0	0	0
'Abud	6933	3434	2521	Ramallah	2	1	1	1	1	1	1
'Abwein	10376	5140	3773	Ramallah	1	1	1	2	0	0	-1
'Ajja	14547	7846	5980	Jenin	1	1	2	3	0	-1	-2
'Ajjul	4114	2038	1496	Ramallah	0	0	0	1	0	0	-1
'Akkaba	546	349	287	Tulkarm	0	0	0	0	0	0	0
'Ammuriya	768	446	351	Nablus	0	0	0	0	0	0	0
'Anab al Kabir	1290	587	415	Hebron	1	0	0	0	1	1	1
'Anata	25838	####	####	Jerusalem	1	3	3	5	-2	-2	-4
'Anin	10620	5729	4366	Jenin	1	1	1	2	0	0	-1

'Anza	5390	2908	2216	Jenin	1	0	1	1	1	0	0
'Aqqaba	26257	####	8159	Tubas	1	2	2	5	-1	-1	-4
'Arab Abu Farda	333	180	137	Qalqilya	0	0	0	0	0	0	0
'Arab al Fureijat	2204	1003	709	Hebron	1	0	0	0	1	1	1
'Arab al Jahalin	1545	989	813	Jerusalem	1	0	0	0	1	1	1
'Arab ar Ramadin al Janubi	640	345	263	Qalqilya	0	0	0	0	0	0	0
'Arab ar Rammadin ash Shamali	0	0	0		0	0	0	0	0	0	0
'Arab ar Rashayida	4449	2313	1735	Bethlehem	0	0	0	1	0	0	-1
'Arabbuna	2330	1257	958	Jenin	1	0	0	0	1	1	1
'Arraba	28546	####	####	Jenin	1	2	3	6	-1	-2	-5
'Arrana	5743	3098	2361	Jenin	0	0	1	1	0	-1	-1
'Asira al Qibliya	6015	3491	2748	Nablus	1	1	1	1	0	0	0
'Askar	29509	####	####	Nablus	1	3	3	6	-2	-2	-5
'Askar Askar	0	0	0		0	0	0	0	0	0	0
'Atara	7552	3741	2746	Ramallah	1	1	1	2	0	0	-1
'Awarta	14296	8297	6531	Nablus	1	1	2	3	0	-1	-2
'Ayda Camp	8056	4189	3142	Bethlehem	0	1	1	2	-1	-1	-2
'Azmut	6738	3910	3078	Nablus	1	1	1	1	0	0	0
'Azzun 'Atma	5103	2753	2098	Qalqilya	1	0	1	1	1	0	0
'Ein 'Arik	5214	2583	1896	Ramallah	1	0	1	1	1	0	0
'Ein ad Duyuk al Foqa	2570	1320	985	Jericho	0	0	0	1	0	0	-1
'Ein as Sultan Camp	9890	5081	3790	Jericho	1	1	1	2	0	0	-1
'Ein Beit el Ma Camp	10115	5871	4621	Nablus	1	1	1	2	0	0	-1
'Ein el Beida	4663	2071	1449	Tubas	1	0	0	1	1	1	0
'Ein Qiniya	2701	1338	982	Ramallah	0	0	0	1	0	0	-1
'Ein Shibli	851	494	389	Nablus	0	0	0	0	0	0	0
'Ein Siniya	2365	1172	860	Ramallah	0	0	0	0	0	0	0
'Ein Yabrud	9978	4942	3628	Ramallah	1	1	1	2	0	0	-1
'Einabus	5950	3453	2718	Nablus	1	1	1	1	0	0	0
'Iraq Burin	1953	1133	892	Nablus	0	0	0	0	0	0	0
'Isal	2464	1329	1013	Qalqilya	0	0	0	0	0	0	0
'Isawiya	0	0	0	Jerusalem	0	0	0	0	0	0	0
'Izbat Abu Adam	28	17	13	Salfit	0	0	0	0	0	0	0
'Izbat al Ashqar	907	489	373	Qalqilya	0	0	0	0	0	0	0
'Izbat at Tabib	667	360	274	Qalqilya	0	0	0	0	0	0	0

'Izbat Jal'ud	324	175	133	Qalqilya	0	0	0	0	0	0	0
'Izbat Salman	2080	1122	855	Qalqilya	1	0	0	0	1	1	1
'Urif	7427	4311	3393	Nablus	1	1	1	1	0	0	0
Abu Dis	23120	####	####	Jerusalem	2	2	3	5	0	-1	-3
Abu Qash	4670	2313	1698	Ramallah	0	0	0	1	0	0	-1
Ad Dab'a	966	521	397	Qalqilya	1	0	0	0	1	1	1
Ad Deirat	3061	1393	985	Hebron	2	0	0	1	2	2	1
Ad Doha	29866	####	####	Bethlehem	0	2	3	6	-2	-3	-6
Ad Duheisha Camp	26753	####	####	Bethlehem	1	2	3	5	-1	-2	-4
Al'Aqaba	418	186	130	Tubas	1	0	0	0	1	1	1
Al-Doha	0	0	0		0	0	0	0	0	0	0
AL-Itihad	22631	####	8229	Ramallah	2	2	2	5	0	0	-3
Al-Jalazun Camp	25992	####	9451	Ramallah	1	2	3	5	-1	-2	-4
Al-Zaytouneh	20593	####	7488	Ramallah	3	1	2	4	2	1	-1
Al 'Aqrabaniya	2546	1478	1163	Nablus	0	0	0	1	0	0	-1
Al 'Araqa	6218	3354	2556	Jenin	1	1	1	1	0	0	0
Al 'Arrub Camp	30585	####	9841	Hebron	1	2	3	6	-1	-2	-5
Al 'Asa'asa	1335	720	549	Jenin	0	0	0	0	0	0	0
Al 'Attara	3335	1799	1371	Jenin	1	0	0	1	1	1	0
Al 'Aza Camp	4682	2435	1826	Bethlehem	0	0	0	1	0	0	-1
Al 'Ubeidiya	32930	####	####	Bethlehem	1	3	3	7	-2	-2	-6
Al Am'ari Camp	16680	8262	6065	Ramallah	0	1	2	3	-1	-2	-3
Al Badhan	6317	3667	2886	Nablus	2	1	1	1	1	1	1
Al Baqa	4690	2134	1509	Hebron	0	0	0	1	0	0	-1
Al Bowereh (Aqabat Injeleh)	2673	1216	860	Hebron	0	0	0	1	0	0	-1
Al Burj	9930	4518	3195	Hebron	2	1	1	2	1	1	0
Al Buweib	2337	1063	752	Hebron	1	0	0	0	1	1	1
Al Fandaqumiya	9786	5279	4023	Jenin	1	1	1	2	0	0	-1
Al Farisiya	605	269	188	Tubas	0	0	0	0	0	0	0
Al Fawwar Camp	25202	####	8109	Hebron	1	2	2	5	-1	-1	-4
Al Funduq	2180	1176	896	Qalqilya	0	0	0	0	0	0	0
Al Haddadaiya	164	85	64	Bethlehem	0	0	0	0	0	0	0
Al Haffasi	338	217	178	Tulkarm	0	0	0	0	0	0	0
Al Hafira	0	0	0		0	0	0	0	0	0	0
Al Hashimiya	3024	1631	1243	Jenin	1	0	0	1	1	1	0
Al Heila	4917	2237	1582	Hebron	1	0	0	1	1	1	0
Al Jab'a	2744	1427	1070	Bethlehem	0	0	0	1	0	0	-1
Al Jalama	5928	3198	2437	Jenin	1	0	1	1	1	0	0
Al Jameelat	0	0	0		0	0	0	0	0	0	0

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Al Jarba	0	0	0		0	0	0	0	0	0	0
Al Jarushiya	2005	1284	1055	Tulkarm	1	0	0	0	1	1	1
Al Jib	9049	5793	4761	Jerusalem	2	1	1	2	1	1	0
Al Judeida	13634	7354	5605	Jenin	1	1	1	3	0	0	-2
Al Judeira	4881	3125	2568	Jerusalem	1	1	1	1	0	0	0
Al Ka'abina (Tajammu' Badawi)	1488	953	783	Jerusalem	0	0	0	0	0	0	0
Al Karmil	14408	6556	4636	Hebron	2	1	1	3	1	1	-1
Al Khader	29930	####	####	Bethlehem	1	2	3	6	-1	-2	-5
Al Khas	1208	628	471	Bethlehem	0	0	0	0	0	0	0
Al Khuljan	1464	790	602	Jenin	0	0	0	0	0	0	0
Al Kufeir	0	0	0		0	0	0	0	0	0	0
Al Lubban al Gharbi	4909	2432	1785	Ramallah	1	0	0	1	1	1	0
Al Lubban ash Sharqiya	6267	3637	2863	Nablus	0	1	1	1	-1	-1	-1
Al Ma'sara	2459	1279	959	Bethlehem	1	0	0	0	1	1	1
Al Majd	7412	3373	2385	Hebron	1	0	1	1	1	0	0
Al Malih	1484	659	461	Tubas	0	0	0	0	0	0	0
Al Maniya	3100	1612	1209	Bethlehem	0	0	0	1	0	0	-1
Al Manshiya	1326	689	517	Bethlehem	0	0	0	0	0	0	0
Al Mansura	499	269	205	Jenin	0	0	0	0	0	0	0
Al Masqufa	559	358	294	Tulkarm	0	0	0	0	0	0	0
Al Mazra'a ash Sharqiya	14953	7406	5437	Ramallah	1	1	1	3	0	0	-2
Al Mudawwar	781	421	321	Qalqilya	0	0	0	0	0	0	0
Al Mughayyir	7422	3830	2864	Ramallah	2	1	1	1	1	1	1
Al Mutilla	849	458	349	Jenin	0	0	0	0	0	0	0
Al Qubeiba	6803	4355	3579	Jerusalem	1	1	1	1	0	0	0
Al Walaja	6251	3251	2438	Bethlehem	1	0	1	1	1	0	0
An Nabi Elyas	3374	1820	1387	Qalqilya	1	0	0	1	1	1	0
An Nabi Musa	968	497	371	Jericho	0	0	0	0	0	0	0
An Nabi Salih	1777	880	646	Ramallah	0	0	0	0	0	0	0
An Nabi Samwil	553	354	291	Jerusalem	0	0	0	0	0	0	0
An Najada	1591	724	512	Hebron	1	0	0	0	1	1	1
An Naqura	3927	2279	1794	Nablus	1	0	0	1	1	1	0
An Nassariya	4030	2339	1841	Nablus	2	0	0	1	2	2	1
An Nazla al Wusta	732	468	385	Tulkarm	1	0	0	0	1	1	1
An Nazla ash Sharqiya	3256	2084	1713	Tulkarm	1	0	0	1	1	1	0
An Nuseirat Camp	28613	####	8738		0	2	3	6	-2	-3	-6

An Nuwei'ma	3896	2001	1493	Jericho	1	0	0	1	1	1	0
Aqbat Jaber Camp	22461	####	8608	Jericho	1	2	2	4	-1	-1	-3
Ar Rajman	0	0	0		0	0	0	0	0	0	0
Ar Rama	2773	1496	1140	Jenin	1	0	0	1	1	1	0
Ar ramadin	12637	5750	4066	Hebron	3	1	1	3	2	2	0
ar Ras al Ahmar	718	319	223	Tubas	0	0	0	0	0	0	0
Ar Rihiya	15210	6921	4894	Hebron	1	1	1	3	0	0	-2
Arab Al- Khouleh	0	0	0		0	0	0	0	0	0	0
Artas	11218	5833	4375	Bethlehem	1	1	1	2	0	0	-1
As Sa'aida	0	0	0		0	0	0	0	0	0	0
As Sawahira al Gharbiya	0	0	0	Jerusalem A	0	0	0	0	0	0	0
As Sawahira ash Sharqiya	12438	7963	6544	Jerusalem	1	1	2	2	0	-1	-1
As Sura	7412	3373	2385	Hebron	2	0	1	1	2	1	1
Ash Shawawra	11443	5951	4463	Bethlehem	1	1	1	2	0	0	-1
Ash Sheikh Sa'd	4180	2676	2199	Jerusalem	1	0	1	1	1	0	0
Ash Shuhada	5030	2713	2068	Jenin	0	0	1	1	0	-1	-1
Ash Shuyukh	33935	####	####	Hebron	4	2	3	7	2	1	-3
Ash Shuyukh	33935	####	####	Hebron	1	2	3	7	2	1	-3
At Tarem	1063	573	437	Jenin	0	0	0	0	0	0	0
At Tawani	1256	571	404	Hebron	1	0	0	0	1	1	1
At Tayba	6201	3345	2549	Jenin	1	1	1	1	0	0	0
At Tira	4518	2238	1643	Ramallah	1	0	0	1	1	1	0
Ath Thaghra	2188	972	680	Tubas	0	0	0	0	0	0	0
Ath Thuri	0	0	0	Jerusalem	0	0	0	0	0	0	0
Az Za'ayyem	7295	4670	3838	Jerusalem	1	1	1	1	0	0	0
Az Zababida	10545	5688	4335	Jenin	2	1	1	2	1	1	0
Az Zawiya	7151	4105	3216	Salfit	2	1	1	1	1	1	1
Az Zubeidat	4446	2284	1704	Jericho	2	0	0	1	2	2	1
Badiw al Mu'arrajat	2505	1241	911	Ramallah	0	0	0	1	0	0	-1
Bal'a	8669	5550	4561	Tulkarm	2	1	1	2	1	1	0
Balata Camp	38762	####	####	Nablus	3	4	4	8	-1	-1	-5
Balata Camp	38762	####	####	Nablus	1	4	4	8	-1	-1	-5
Bani Zeid ash Sharqiya	16911	8376	6149	Ramallah	3	1	2	3	2	1	0
Baqat al Hatab	4736	2555	1947	Qalqilya	1	0	1	1	1	0	0
Bardala	6565	2916	2040	Tubas	1	0	1	1	1	0	0
Barta'a ash Sharqiya	12017	6482	4940	Jenin	1	1	1	2	0	0	-1
Battir	12148	6317	4738	Bethlehem	1	1	1	2	0	0	-1

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Beit 'Amra	8339	3794	2683	Hebron	1	1	1	2	0	0	-1
Beit 'Anan	8534	5464	4490	Jerusalem	1	1	1	2	0	0	-1
Beit 'Awwa	31057	####	9993	Hebron	2	2	3	6	0	-1	-4
Beit 'Einun	6968	3170	2242	Hebron	1	0	1	1	1	0	0
Beit 'Ur al Fauqa	2874	1424	1045	Ramallah	0	0	0	1	0	0	-1
beit Amin	2909	1569	1196	Qalqilya	0	0	0	1	0	0	-1
Beit ar Rush al Fauqa	3770	1715	1213	Hebron	2	0	0	1	2	2	1
Beit ar Rush al Tahta	1436	653	462	Hebron	1	0	0	0	1	1	1
Beit Dajan	8861	5143	4048	Nablus	1	1	1	2	0	0	-1
Beit Duqqu	3476	2226	1829	Jerusalem	1	0	0	1	1	1	0
Beit Hanina	0	0	0	Jerusalem	2	0	0	0	0	0	0
Beit Hanina al Balad	2296	1470	1208	Jerusalem	1	0	0	0	1	1	1
Beit Hasan	2850	1654	1302	Nablus	0	0	0	1	0	0	-1
Beit Iba	8007	4647	3658	Nablus	1	1	1	2	0	0	-1
Beit Ijza	1496	958	787	Jerusalem	0	0	0	0	0	0	0
Beit Iksa	4064	2602	2138	Jerusalem	1	0	1	1	1	0	0
Beit Imrin	7171	4162	3276	Nablus	1	1	1	1	0	0	0
Beit Jala	36007	####	####	Bethlehem	5	3	4	7	2	1	-2
Beit Jala	36007	####	####	Bethlehem	1	3	4	7	2	1	-2
Beit Jala	36007	####	####	Bethlehem	1	3	4	7	2	1	-2
Beit Kahil	25134	####	8087	Hebron	1	2	2	5	-1	-1	-4
Beit Lid	10741	6876	5651	Tulkarm	1	1	1	2	0	0	-1
Beit Liqya	25651	####	9327	Ramallah	1	2	3	5	-1	-2	-4
Beit Maqdum	9889	4500	3182	Hebron	1	1	1	2	0	0	-1
Beit Mirsim	1225	557	394	Hebron	1	0	0	0	1	1	1
Beit Nuba	828	410	301	Ramallah	0	0	0	0	0	0	0
Beit Qad	4165	2246	1712	Jenin	1	0	0	1	1	1	0
Beit Safafa	0	0	0	Jerusalem	0	0	0	0	0	0	0
Beit Sira	9144	4529	3325	Ramallah	1	1	1	2	0	0	-1
Beit Surik	8335	5336	4385	Jerusalem	1	1	1	2	0	0	-1
Beit Ta'mir	3764	1957	1468	Bethlehem	0	0	0	1	0	0	-1
Beit Ula	41923	####	####	Hebron	4	3	4	8	1	0	-4
Beit Ummar	52179	####	####	Hebron	6	3	5	10	3	1	-4
Beit Wazan	2688	1560	1228	Nablus	0	0	0	1	0	0	-1
Beitin	7128	3531	2592	Ramallah	1	1	1	1	0	0	0
Beituniya	65739	####	####	Ramallah	3	5	7	13	-2	-4	-10
Bil'in	5660	2803	2058	Ramallah	1	0	1	1	1	0	0
Bir al Basha	3761	2028	1546	Jenin	0	0	0	1	0	0	-1

Bir Nabala	10330	6613	5435	Jerusalem	1	1	1	2	0	0	-1
Bir Onah	2059	1071	803	Bethlehem	0	0	0	0	0	0	0
Birqin	16359	8824	6725	Jenin	1	1	2	3	0	-1	-2
Bizzariya	5726	3324	2616	Nablus	1	1	1	1	0	0	0
Bruqin	8226	4774	3758	Salfit	1	1	1	2	0	0	-1
Budrus	4653	2305	1692	Ramallah	1	0	0	1	1	1	0
Burham	2049	1015	745	Ramallah	0	0	0	0	0	0	0
Burin	5871	3407	2682	Nablus	1	1	1	1	0	0	0
Burqa	8537	4758	3684	Nablus	3	1	1	2	2	2	1
Dar Salah	10328	5371	4028	Bethlehem	1	1	1	2	0	0	-1
Deir 'Ammar Camp	6103	3023	2219	Ramallah	1	0	1	1	1	0	0
Deir 'Asal al Fauqa	6154	2800	1980	Hebron	1	0	1	1	1	0	0
Deir Abu Da'if	16033	8648	6591	Jenin	1	1	2	3	0	-1	-2
Deir Abu Mash'al	11716	5803	4260	Ramallah	1	1	1	2	0	0	-1
Deir al 'Asal Aal Tahta	2138	973	688	Hebron	1	0	0	0	1	1	1
Deir al Hatab	5626	3265	2570	Nablus	1	1	1	1	0	0	0
Deir al Qilt	0	0	0		0	0	0	0	0	0	0
Deir as Sudan	6622	3280	2408	Ramallah	1	0	1	1	1	0	0
Deir Ballut	8121	4713	3710	Salfit	1	1	1	2	0	0	-1
Deir el Ghusun	17726	####	9326	Tulkarm	1	2	2	4	-1	-1	-3
Deir Ghazala	2576	1389	1059	Jenin	1	0	0	1	1	1	0
Deir Hajla	0	0	0		0	0	0	0	0	0	0
Deir Ibzi'	6884	3410	2503	Ramallah	1	1	1	1	0	0	0
Deir Istiya	7996	4641	3653	Salfit	1	1	1	2	0	0	-1
Deir Jarir	13261	6569	4822	Ramallah	2	1	1	3	1	1	-1
Deir Nidaham	2923	1448	1063	Ramallah	1	0	0	1	1	1	0
Deir Qaddis	6460	3200	2349	Ramallah	1	0	1	1	1	0	0
Deir Razih	1032	469	332	Hebron	1	0	0	0	1	1	1
Deir Samit	24021	####	7729	Hebron	2	2	2	5	0	0	-3
Deir Sharaf	6254	3630	2857	Nablus	1	1	1	1	0	0	0
Dhaher al'Abed	1044	563	429	Jenin	0	0	0	0	0	0	0
Dhaher al Malih	569	307	234	Jenin	0	0	0	0	0	0	0
Duma	5337	3097	2438	Nablus	1	0	1	1	1	0	0
Dura el Qar'	9636	4773	3504	Ramallah	1	1	1	2	0	0	-1
El Far'a Camp	22904	####	7117	Tubas	0	1	2	5	-1	-2	-5
El Janiya	3869	1917	1407	Ramallah	1	0	0	1	1	1	0
El Midya	4329	2144	1574	Ramallah	1	0	0	1	1	1	0
En Nazla el Gharbiya	2015	1290	1060	Tulkarm	1	0	0	0	1	1	1

Er Ras	1161	743	611	Tulkarm	1	0	0	0	1	1	1
Es Sawya	6083	3531	2779	Nablus	1	1	1	1	0	0	0
Et Taiyiba	4829	2392	1756	Ramallah	1	0	0	1	1	1	0
Fahma	7154	3859	2941	Jenin	1	1	1	1	0	0	0
Fahma al Jadida	1063	573	437	Jenin	1	0	0	0	1	1	1
Falamya	1824	984	750	Qalqilya	1	0	0	0	1	1	1
Faqqu'a	9976	5381	4101	Jenin	1	1	1	2	0	0	-1
Far'ata	1849	997	760	Qalqilya	0	0	0	0	0	0	0
Far'un	6668	4269	3508	Tulkarm	1	1	1	1	0	0	0
Farkha	3472	2015	1586	Salfit	1	0	0	1	1	1	0
Fasayil	3374	1733	1293	Jericho	0	0	0	1	0	0	-1
Fuqeiqis	1044	475	336	Hebron	1	0	0	0	1	1	1
Furush Beit Dajan	1955	1135	893	Nablus	0	0	0	0	0	0	0
Habla	17334	9350	7126	Qalqilya	3	1	2	3	2	1	0
Hadab al 'Alaqa	2468	1123	794	Hebron	1	0	0	0	1	1	1
Hadab al Fawwar	7388	3361	2377	Hebron	1	0	1	1	1	0	0
Hamrush	0	0	0		0	0	0	0	0	0	0
Haris	7911	4591	3614	Salfit	1	1	1	2	0	0	-1
Hindaza	14697	7643	5732	Bethlehem	0	1	2	3	-1	-2	-3
Hitta	3431	1561	1104	Hebron	1	0	0	1	1	1	0
Hizma	13448	8609	7075	Jerusalem	1	1	2	3	0	-1	-2
Husan	16999	8840	6630	Bethlehem	1	1	2	3	0	-1	-2
Ibziq	846	376	263	Tubas	0	0	0	0	0	0	0
Idhna	73222	####	####	Hebron	4	5	7	15	-1	-3	-11
Ijnisinya	1285	746	587	Nablus	0	0	0	0	0	0	0
Iktaba	5733	3670	3016	Tulkarm	1	1	1	1	0	0	0
Immatin	6882	3712	2829	Qalqilya	1	1	1	1	0	0	0
Imneizil	1501	683	483	Hebron	1	0	0	0	1	1	1
Imreiha	1216	656	500	Jenin	0	0	0	0	0	0	0
Imreish	6412	2917	2063	Hebron	1	0	1	1	1	0	0
Iskaka	2318	1345	1059	Salfit	1	0	0	0	1	1	1
Jaba'	18567	####	7894	Jenin	3	2	2	4	1	1	-1
Jaba' (Tajammu' Badawi)	0	0	0	Jerusalem	0	0	0	0	0	0	0
Jabal al Mukabbir	0	0	0	Jerusalem	0	0	0	0	0	0	0
Jala	960	437	309	Hebron	1	0	0	0	1	1	1
Jalbun	6877	3709	2827	Jenin	1	1	1	1	0	0	0
Jalqamus	5731	3091	2356	Jenin	1	0	1	1	1	0	0
Jalud	1180	685	539	Nablus	0	0	0	0	0	0	0

Jamma'in	15826	9185	7230	Nablus	1	1	2	3	0	-1	-2
Jannatah	16587	8626	6469	Bethlehem	1	1	2	3	0	-1	-2
Jayyus	8339	4498	3428	Qalqilya	1	1	1	2	0	0	-1
Jenin Camp	29842	####	####	Jenin	1	2	3	6	-1	-2	-5
Jerusalem (Bait al Maqdis)	5E+05	####	####	Jerusalem	1	51	62	97	-50	-61	-96
Jerusalem (Bait al Maqdis)	5E+05	####	####	Jerusalem	4	51	62	97	-50	-61	-96
Jerusalem (Bait al Maqdis)	5E+05	####	####	Jerusalem	2	51	62	97	-50	-61	-96
Jibiya	492	244	179	Ramallah	0	0	0	0	0	0	0
Jifna	5709	2828	2076	Ramallah	1	0	1	1	0	-1	-1
Jilijliya	2464	1221	896	Ramallah	0	0	0	0	0	0	0
Jinsafut	6106	3293	2510	Qalqilya	1	1	1	1	0	0	0
Jit	6514	3781	2976	Nablus	1	1	1	1	0	0	0
Jubbet adh Dhib	495	257	193	Bethlehem	0	0	0	0	0	0	0
Jurat ash Sham'a	4567	2375	1781	Bethlehem	1	0	0	1	1	1	0
Jurish	3559	2066	1626	Nablus	0	0	0	1	0	0	-1
Kafa	869	556	457	Tulkarm	0	0	0	0	0	0	0
Kafr 'Aqab	0	0	0	Jerusalem	1	0	0	0	1	1	1
Kafr 'Aqab	0	0	0	Jerusalem	1	0	0	0	1	1	1
Kafr 'Ein	5797	2872	2108	Ramallah	1	0	1	1	1	0	0
Kafr ad Dik	11573	6717	5287	Salfit	1	1	1	2	0	0	-1
Kafr Dan	14814	7991	6090	Jenin	1	1	2	3	0	-1	-2
Kafr el Labad	8762	5610	4610	Tulkarm	1	1	1	2	0	0	-1
Kafr Jammal	5214	3338	2743	Tulkarm	1	1	1	1	0	0	0
Kafr Laqif	2467	1330	1014	Qalqilya	1	0	0	0	1	1	1
Kafr Malik	9271	4592	3371	Ramallah	1	1	1	2	0	0	-1
Kafr Ni'ma	12475	6179	4536	Ramallah	1	1	1	2	0	0	-1
Kafr Qaddum	8380	4520	3445	Qalqilya	2	1	1	2	1	1	0
Kafr Qallil	6232	3617	2847	Nablus	0	1	1	1	-1	-1	-1
Kafr Qud	3289	1774	1352	Jenin	1	0	0	1	1	1	0
Kafr Ra'i	21190	####	8711	Jenin	2	2	2	4	0	0	-2
Kafr Sur	2403	1538	1264	Tulkarm	1	0	0	0	1	1	1
Kafr Thulth	11299	6095	4645	Qalqilya	1	1	1	2	0	0	-1
Kardala	1233	547	383	Tubas	0	0	0	0	0	0	0
Karma	5339	2429	1718	Hebron	1	0	0	1	1	1	0
Kashda	0	0	0		0	0	0	0	0	0	0
Khaliet al 'Aqed	1047	477	337	Hebron	0	0	0	0	0	0	0
Khallah Hamameh	4333	2253	1690	Bethlehem	0	0	0	1	0	0	-1

Khallat an Nu'man	531	276	207	Bethlehem	0	0	0	0	0	0	0
Khallet 'Afana	0	0	0	Bethlehem	0	0	0	0	0	0	0
Khallet al Haddad	1246	648	486	Bethlehem	0	0	0	0	0	0	0
Khallet al Louza	1769	920	690	Bethlehem	0	0	0	0	0	0	0
Khallet al Maiyya	5439	2475	1750	Hebron	1	0	0	1	1	1	0
Khallet Al Masafer	836	380	269	Hebron	0	0	0	0	0	0	0
Khallet Edar	8419	3831	2709	Hebron	1	1	1	2	0	0	-1
Khallet Sakariya	567	295	221	Bethlehem	0	0	0	0	0	0	0
Khallet Salih	4208	1915	1354	Hebron	1	0	0	1	1	1	0
Kharas	25631	####	8247	Hebron	2	2	2	5	0	0	-3
Kharayib Umm al Lahim	779	499	410	Jerusalem	0	0	0	0	0	0	0
Kharbatha Bani Harith	9469	4690	3443	Ramallah	1	1	1	2	0	0	-1
Kharbet Humsa	534	237	166	Tubas	0	0	0	0	0	0	0
Khashem Adaraj	2334	1062	751	Hebron	1	0	0	0	1	1	1
Kheroshewesh Wal Hadadeyah	1461	665	470	Hebron	0	0	0	0	0	0	0
Khirbat el Misbah	17337	8587	6304	Ramallah	1	1	2	3	0	-1	-2
Khirbeh al Minthar al Gharbiya	0	0	0		0	0	0	0	0	0	0
Khirbeh al Minthar al Sharqiya	0	0	0		0	0	0	0	0	0	0
Khirbeh Mas'ud	0	0	0		0	0	0	0	0	0	0
Khirbet 'Abdallah al Yunis	397	214	163	Jenin	0	0	0	0	0	0	0
Khirbet 'Atuf	685	304	213	Tubas	1	0	0	0	1	1	1
Khirbet Abu Falah	13294	6585	4834	Ramallah	1	1	1	3	0	0	-2
Khirbet ad Dar	1016	462	327	Hebron	1	0	0	0	1	1	1
Khirbet al Fakheit	889	404	286	Hebron	1	0	0	0	1	1	1
Khirbet Asfai	0	0	0		0	0	0	0	0	0	0
Khirbet Bir al 'Idd	0	0	0		0	0	0	0	0	0	0
Khirbet Jubara	631	404	332	Tulkarm	0	0	0	0	0	0	0
Khirbet Qeis	574	333	262	Salfit	0	0	0	0	0	0	0
Khirbet Salama	1430	650	460	Hebron	1	0	0	0	1	1	1
Khirbet Sir	1287	694	529	Qalqilya	0	0	0	0	0	0	0
Khirbet Suruj	0	0	0		0	0	0	0	0	0	0

Khirbet Tawil ash Shih	702	320	226	Hebron	1	0	0	0	1	1	1
Khirbet Yarza	0	0	0		0	0	0	0	0	0	0
Khirbet Zanuta	0	0	0		0	0	0	0	0	0	0
Khursa	13249	6028	4263	Hebron	1	1	1	3	0	0	-2
Kisan	1390	723	542	Bethlehem	0	0	0	0	0	0	0
Kobar	12233	6059	4448	Ramallah	2	1	1	2	1	1	0
Kufeirit	6923	3734	2846	Jenin	1	1	1	1	0	0	0
Kur	563	360	296	Tulkarm	0	0	0	0	0	0	0
Kurza	2968	1350	955	Hebron	1	0	0	1	1	1	0
Ma'in	1768	805	569	Hebron	0	0	0	0	0	0	0
Madama	4459	2588	2037	Nablus	0	0	1	1	0	-1	-1
Maghayir al 'Abeed	0	0	0		1	0	0	0	1	1	1
Majdal Bani Fadil	6057	3515	2767	Nablus	1	1	1	1	0	0	0
Mantiqat Shi'b al Batin	528	240	170	Hebron	0	0	0	0	0	0	0
Marah al Baqqar	827	376	266	Hebron	0	0	0	0	0	0	0
Marah Ma'allah	2097	1091	818	Bethlehem	0	0	0	0	0	0	0
Marah Rabah	4043	2103	1577	Bethlehem	1	0	0	1	1	1	0
Marda	5063	2939	2313	Salfit	1	0	1	1	1	0	0
Marj al Ghazal	634	326	243	Jericho	0	0	0	0	0	0	0
Marj Na'ja	2239	1150	858	Jericho	1	0	0	0	1	1	1
Mas-ha	5091	2955	2326	Salfit	2	0	1	1	2	1	1
Mirka	4636	2501	1906	Jenin	1	0	1	1	1	0	0
Misliya	7220	3894	2968	Jenin	1	1	1	1	0	0	0
Mukhmas	3102	1986	1632	Jerusalem	1	0	0	1	1	1	0
Nahhalin	20907	####	8154	Bethlehem	1	2	2	4	-1	-1	-3
Nazlat 'Isa	5020	3214	2641	Tulkarm	1	1	1	1	0	0	0
Nazlat ash Sheikh Zeid	2026	1093	833	Jenin	0	0	0	0	0	0	0
Ni'lin	15214	7536	5532	Ramallah	3	1	2	3	2	1	0
Nisf Jubeil	1003	582	458	Nablus	0	0	0	0	0	0	0
Nuba	16699	7598	5373	Hebron	2	1	2	3	1	0	-1
Nur Shams Camp	13934	8920	7331	Tulkarm	1	1	2	3	0	-1	-2
Odala	2885	1674	1318	Nablus	0	0	0	1	0	0	-1
Om Adaraj	3130	1424	1007	Hebron	1	0	0	1	1	1	0
Om Al Amad	584	266	188	Hebron	0	0	0	0	0	0	0
Om Ashoghan	1141	519	367	Hebron	0	0	0	0	0	0	0
Osarin	4098	2378	1872	Nablus	0	0	0	1	0	0	-1
Qaddura Camp	4018	1990	1461	Ramallah	0	0	0	1	0	0	-1
Qalandiya	2528	1618	1330	Jerusalem	1	0	0	1	1	1	0

Qalandiya Camp	18937	####	9963	Jerusalem	1	2	2	4	-1	-1	-3
Qalqas	4426	2014	1424	Hebron	1	0	0	1	1	1	0
Qarawat Bani Hassan	9662	5608	4414	Salfit	1	1	1	2	0	0	-1
Qarawat Bani Zeid	9697	4803	3526	Ramallah	1	1	1	2	0	0	-1
Qaryut	5901	3425	2696	Nablus	1	1	1	1	0	0	0
Qatanna	13849	8866	7286	Jerusalem	1	1	2	3	0	-1	-2
Qibya	16306	8077	5929	Ramallah	1	1	2	3	0	-1	-2
Qira	2905	1686	1327	Salfit	1	0	0	1	1	1	0
Qla'a Zeta	3478	1582	1119	Hebron	0	0	0	1	0	0	-1
Qusin	4345	2522	1985	Nablus	1	0	1	1	1	0	0
Qusra	11129	6459	5084	Nablus	1	1	1	2	0	0	-1
Raba	9049	4881	3720	Jenin	1	1	1	2	0	0	-1
Rabud	8711	3964	2803	Hebron	3	1	1	2	2	2	1
Rafah Camp	74880	####	####		0	4	6	15	-4	-6	-15
Rafat	5090	3259	2678	Jerusalem	0	1	1	1	-1	-1	-1
Rafat	4730	2745	2161	Salfit	1	0	1	1	-1	-1	-1
Ramin	3885	2487	2044	Tulkarm	1	0	0	1	1	1	0
Rammun	8737	4328	3177	Ramallah	1	1	1	2	0	0	-1
Rantis	8429	4175	3065	Ramallah	1	1	1	2	0	0	-1
Ras 'Atiya	4386	2366	1803	Qalqilya	1	0	0	1	1	1	0
Ras al Far'a	2832	1258	880	Tubas	1	0	0	1	1	1	0
Ras at Tira	1136	613	467	Qalqilya	0	0	0	0	0	0	0
Ras Karkar	5533	2741	2012	Ramallah	2	0	1	1	2	1	1
Rujeib	10682	6200	4880	Nablus	1	1	1	2	0	0	-1
Rummana	9034	4873	3714	Jenin	2	1	1	2	1	1	0
sa'ir	69499	####	####	Hebron	9	4	6	14	5	3	-5
Saffa	12648	6265	4599	Ramallah	1	1	1	3	0	0	-2
Saffarin	1635	1046	860	Tulkarm	0	0	0	0	0	0	0
Salhab	0	0	0		0	0	0	0	0	0	0
Salim	12869	7469	5879	Nablus	1	1	1	3	0	0	-2
Sanniriya	8010	4321	3293	Qalqilya	1	1	1	2	0	0	-1
Sanur	11703	6312	4811	Jenin	1	1	1	2	0	0	-1
Sarta	6431	3733	2938	Salfit	1	1	1	1	0	0	0
Seida	6299	4033	3314	Tulkarm	1	1	1	1	0	0	0
Shabtin	2808	1391	1021	Ramallah	1	0	0	1	1	1	0
Sharafat	0	0	0	Jerusalem	0	0	0	0	0	0	0
Shu'fat	0	0	0	Jerusalem	0	0	0	0	0	0	0
Shu'fat Camp	0	0	0	Jerusalem	1	0	0	0	1	1	1
Shufa	4720	3021	2483	Tulkarm	2	0	1	1	2	1	1

Shuqba	14961	7410	5440	Ramallah	1	1	1	3	0	0	-2
Shuyukh al'Arrub	5970	2716	1921	Hebron	1	0	1	1	1	0	0
Sikka	3294	1499	1060	Hebron	1	0	0	1	1	1	0
Silat el Harithiya	27113	####	####	Jenin	3	2	3	5	1	0	-2
Silwad Camp	1271	629	462	Ramallah	0	0	0	0	0	0	0
Silwan	0	0	0	Jerusalem	0	0	0	0	0	0	0
Sinjil	17419	8628	6334	Ramallah	1	1	2	3	0	-1	-2
Sir	2141	1155	880	Jenin	0	0	0	0	0	0	0
Siris	14060	7584	5780	Jenin	1	1	2	3	0	-1	-2
Sur Bahir	0	0	0	Jerusalem	0	0	0	0	0	0	0
Surda	3429	1699	1247	Ramallah	0	0	0	1	0	0	-1
Surif	51473	####	####	Hebron	6	3	5	10	3	1	-4
Surif	51473	####	####	Hebron	1	3	5	10	3	1	-4
Taffuh	40813	####	####	Hebron	1	3	4	8	-2	-3	-7
Talfit	7180	4167	3280	Nablus	1	1	1	1	0	0	0
Tall al Khashaba	0	0	0		0	0	0	0	0	0	0
Talluza	6037	3504	2758	Nablus	1	1	1	1	0	0	0
Tarrama	2430	1106	782	Hebron	1	0	0	0	1	1	1
Tayasir	9980	4432	3101	Tubas	1	1	1	2	0	0	-1
Telfit	686	370	282	Jenin	0	0	0	0	0	0	0
Ti'innik	2878	1552	1183	Jenin	0	0	0	1	0	0	-1
Tulkarm Camp	22887	####	####	Tulkarm	1	2	3	5	-1	-2	-4
Tuqu'	27197	####	####	Bethlehem	3	2	3	5	1	0	-2
Tura al Gharbiya	2642	1425	1086	Jenin	1	0	0	1	1	1	0
Tura ash Sharqiya	501	270	206	Jenin	0	0	0	0	0	0	0
Um al-Khair	1986	904	639	Hebron	1	0	0	0	1	1	1
Um Salamuna	2895	1505	1129	Bethlehem	0	0	0	1	0	0	-1
Umm Al Butm	0	0	0		0	0	0	0	0	0	0
Umm ar Rihan	1065	575	438	Jenin	0	0	0	0	0	0	0
Umm at Tut	2846	1535	1170	Jenin	1	0	0	1	1	1	0
Umm Dar	1603	865	659	Jenin	0	0	0	0	0	0	0
Umm Lasafa	3285	1495	1057	Hebron	1	0	0	1	1	1	0
Umm Safa	2035	1008	740	Ramallah	1	0	0	0	1	1	1
Umm Tuba	0	0	0	Jerusalem	0	0	0	0	0	0	0
Wad ad Dabi'	1182	638	486	Jenin	0	0	0	0	0	0	0
Wadi 'Ubeid	500	228	161	Hebron	0	0	0	0	0	0	0
wadi Al Amayer	1852	843	596	Hebron	0	0	0	0	0	0	0
Wadi al Far'a	10948	4862	3402	Tubas	1	1	1	2	0	0	-1
Wadi al Kilab	0	0	0		0	0	0	0	0	0	0
Wadi an Nis	2364	1229	922	Bethlehem	0	0	0	0	0	0	0

Wadi ar Rasha	448	241	184	Qalqilya	0	0	0	0	0	0	0
Wadi ash Shajina	2754	1253	886	Hebron	1	0	0	1	1	1	0
Wadi Du'oq	355	192	146	Jenin	0	0	0	0	0	0	0
Wadi Fukin	3577	1860	1395	Bethlehem	1	0	0	1	1	1	0
Wadi Rahhal	4346	2260	1695	Bethlehem	0	0	0	1	0	0	-1
Yabrud	2142	1061	779	Ramallah	0	0	0	0	0	0	0
Yanun	258	150	118	Nablus	0	0	0	0	0	0	0
Yasid	5297	3075	2420	Nablus	1	0	1	1	1	0	0
Yasuf	4120	2391	1882	Salfit	0	0	0	1	0	0	-1
Yatma	7254	4210	3314	Nablus	1	1	1	1	0	0	0
Za'tara	0	0	0		0	0	0	0	0	0	0
Zawata	4767	2767	2178	Nablus	0	0	1	1	0	-1	-1
Zeita	6134	3927	3227	Tulkarm	1	1	1	1	0	0	0
Zeita Jamma'in	5376	3120	2456	Nablus	0	0	1	1	0	-1	-1
Zibda	2717	1466	1117	Jenin	0	0	0	1	0	0	-1
Zif	3266	1486	1051	Hebron	1	0	0	1	1	1	0
Zububa	5566	3002	2288	Jenin	1	0	1	1	1	0	0