



World Health  
Organization

# HeRAMS Annual Report

---

2019 (January - December)

---

Private Hospitals  
in Al-Hasakeh Governorate

This is to acknowledge that the data provided in this report is a product of joint collaboration between the World Health Organization, and Private Hospitals in Al-Hasakeh Governorate. The report covers the months of January 2019 to December 2019. HeRAMS published reports are available at: <http://www.emro.who.int/syr/information-resources/herams-reports.html>

© World Health Organization 2019

Some rights reserved. This work is available under the Creative Commons Attribution-NonCommercial-ShareAlike 3.0 IGO licence (CC BY-NC-SA 3.0 IGO; <https://creativecommons.org/licenses/by-nc-sa/3.0/igo>).

Under the terms of this licence, you may copy, redistribute and adapt the work for non-commercial purposes, provided the work is appropriately cited. In any use of this work, there should be no suggestion that WHO endorses any specific organization, products or services. The use of the WHO logo is not permitted. If you adapt the work, then you must license your work under the same or equivalent Creative Commons licence. If you create a translation of this work, you should add the following disclaimer along with the suggested citation: "This translation was not created by the World Health Organization (WHO). WHO is not responsible for the content or accuracy of this translation. The original English edition shall be the binding and authentic edition".

Any mediation relating to disputes arising under the licence shall be conducted in accordance with the mediation rules of the World Intellectual Property Organization.

**Suggested citation.** [Title]. Cairo: WHO Regional Office for the Eastern Mediterranean; 2018. Licence: CC BYNC-SA 3.0 IGO.

**Sales, rights and licensing.** To purchase WHO publications, see <http://apps.who.int/bookorders>. To submit requests for commercial use and queries on rights and licensing, see <http://www.who.int/about/licensing>.

**Third-party materials.** If you wish to reuse material from this work that is attributed to a third party, such as tables, figures or images, it is your responsibility to determine whether permission is needed for that reuse and to obtain permission from the copyright holder. The risk of claims resulting from infringement of any third-party-owned component in the work rests solely with the user.

**General disclaimers.** The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted lines on maps represent approximate border lines for which there may not yet be full agreement.

The mention of specific companies or of certain manufacturers' products does not imply that they are endorsed or recommended by the World Health Organization in preference to others of a similar nature that are not mentioned. Errors and omissions excepted, the names of proprietary products are distinguished by initial capital letters.

All reasonable precautions have been taken by the World Health Organization to verify the information contained in this publication. However, the published material is being distributed without warranty of any kind, either expressed or implied. The responsibility for the interpretation and use of the material lies with the reader. In no event shall the World Health Organization be liable for damages arising from its use.

HeRAMS (Health Resources and Services Availability Monitoring System) is a global health information management tool (for monitoring, collection, collation and analysis of information on health resources and services) that aims to provide timely, relevant and reliable information for decision-making. It is used to guide interventions at the primary and secondary care levels, measure gaps and improve resource planning, ensure that actions are evidence-based, and enhance the coordination and accountability of WHO and other health sector partners.

HeRAMS in Syria is a World Health Organization (WHO) project that aims at strengthening the collection and analysis of information on the availability of health resources and services in Syria at health facility level. A team of national health staff from all governorates was formulated for HeRAMS reporting, and different data collection mechanisms were introduced to address the shortage of timely and relevant information. The main HeRAMS tool for collecting data is a questionnaire that assesses the functionality status, accessibility, health infrastructure, human resources, availability of health services, equipment and medicines at primary and secondary care level.

# Key indicators

112,785

# of Consultations  
(during 2019)

24

# of private hospitals  
in Al-Hasakeh  
Governorate

100%

Completeness rate

0%

Fully functioning

87%

Partially functioning

13%

Non-functioning

0%

Fully damaged

0%

Partially damaged

100%

Intact

473

# of available  
beds

394

# of medical  
doctors

456

# of nurses &  
midwives

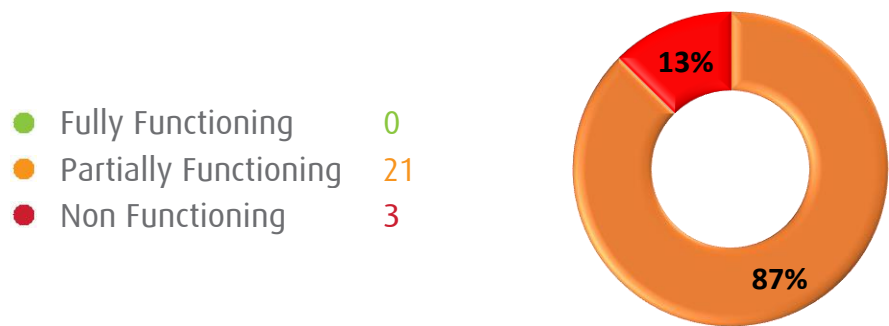
## Completeness of Hospitals Reporting

- 1. Completeness rate: 100%
- 2. Total hospitals: 24

## Functionality status

- **Fully functioning:** a hospital is open, accessible, and provides healthcare services with full capacity (i.e., staffing, equipment, and infrastructure).
- **Partially functioning:** a hospital is open and provides healthcare services, but with partial capacity (i.e., either shortage of staffing, equipment, or damage in infrastructure).
- **Non-functioning:** a hospital is out of service, because it is either fully damaged, inaccessible, no available staff, or no equipment.

Figure 1: Functionality Status, December 2019



Map1: Functionality status, December 2019

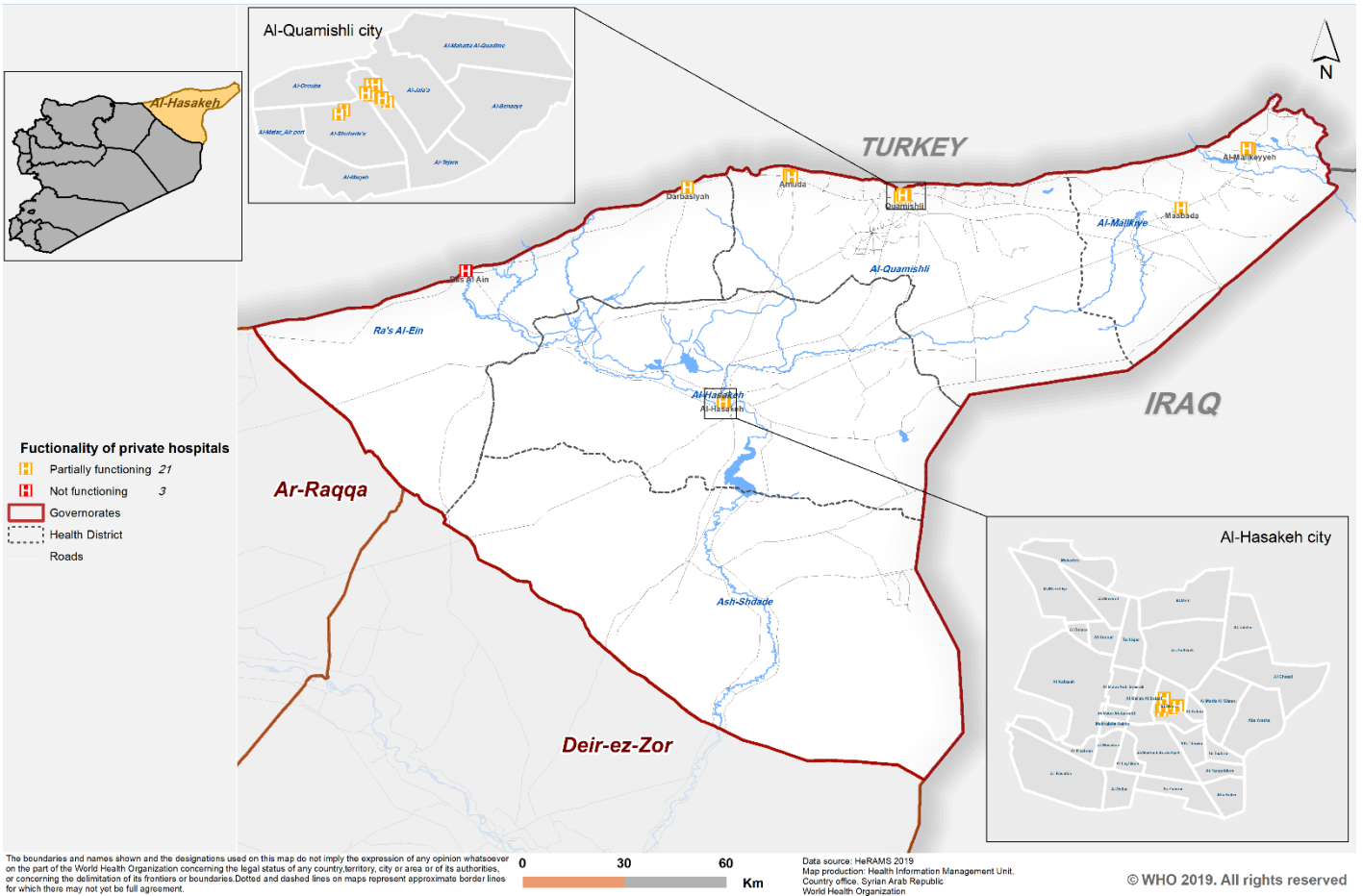
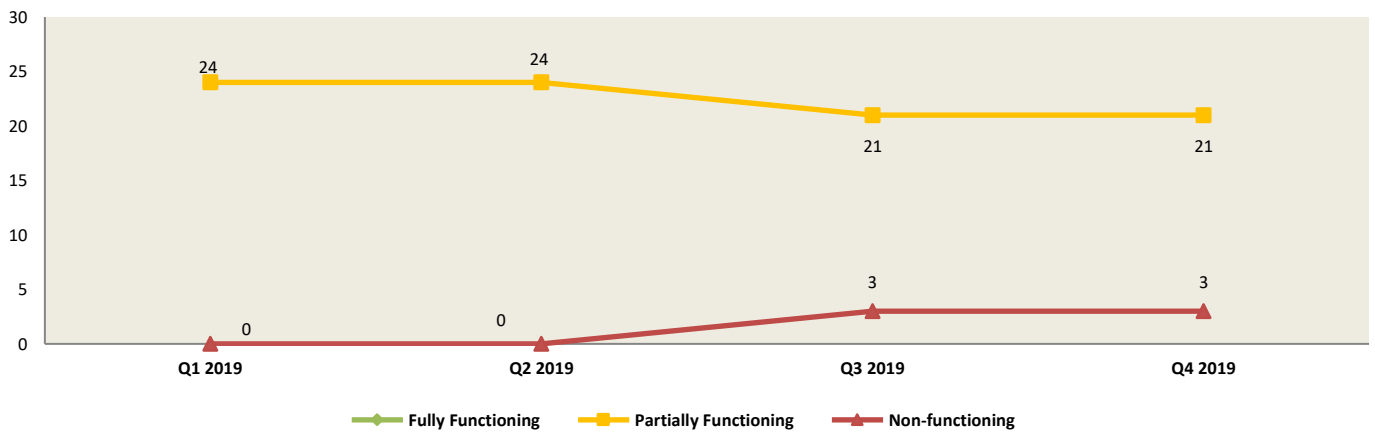


Figure 2: Trend analysis of functionality status, during 2019



## Accessibility to private hospitals

- **Accessible:** a hospital is easily accessible for patients and health staff.
- **Hard-to-reach:** a hospital is hardly reached, due to security situation or long distance.

- **Inaccessible:** a hospital is not accessible because of the security situation, or a hospital is accessible only to a small fraction of the population, or military people (inaccessible to civilians).

Figure 3: Accessibility Status, December 2019

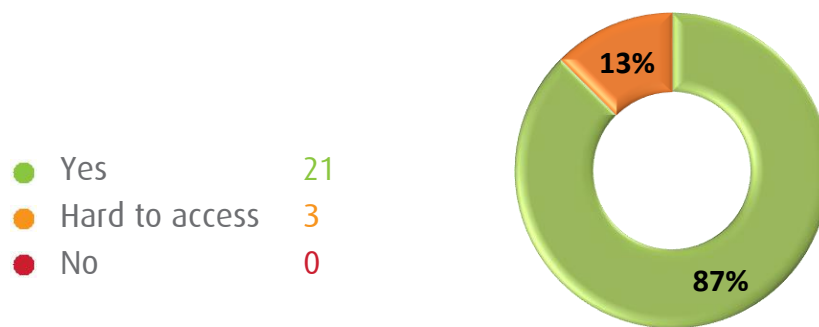
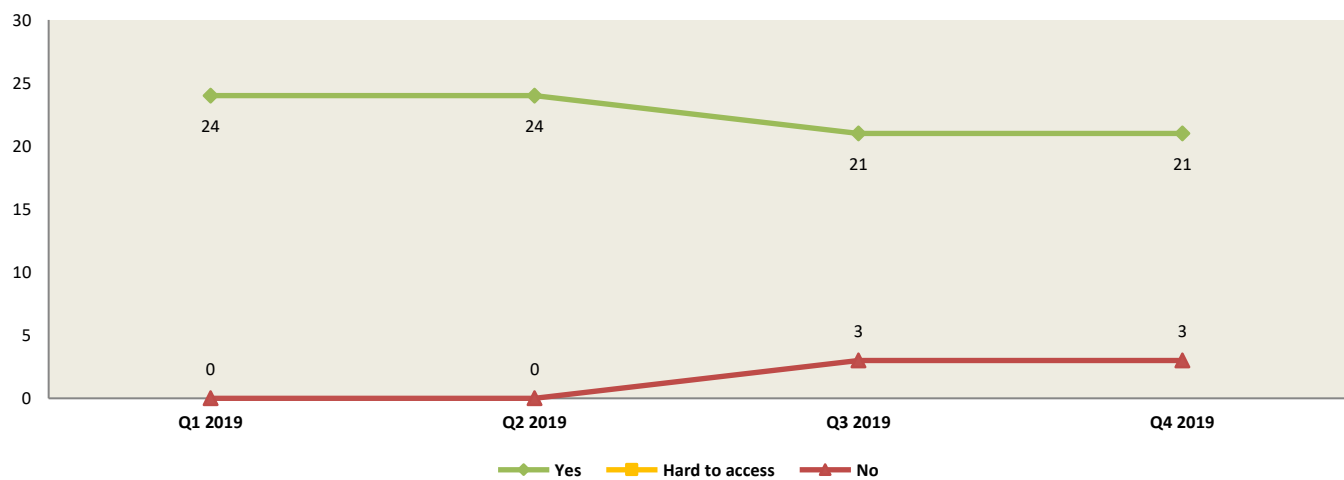


Figure 4: Trend analysis of accessibility to private hospitals, during 2019



## Level of damage of the hospitals' buildings

- **Fully damaged:** either, all the building is destroyed, about 75% or more of the building is destroyed, or damage of the essential services' buildings.
- **Partially damaged:** where part of the building is damaged.
- **Intact:** where there is no damage in the building.

Figure 5: Level of Damage, December 2019

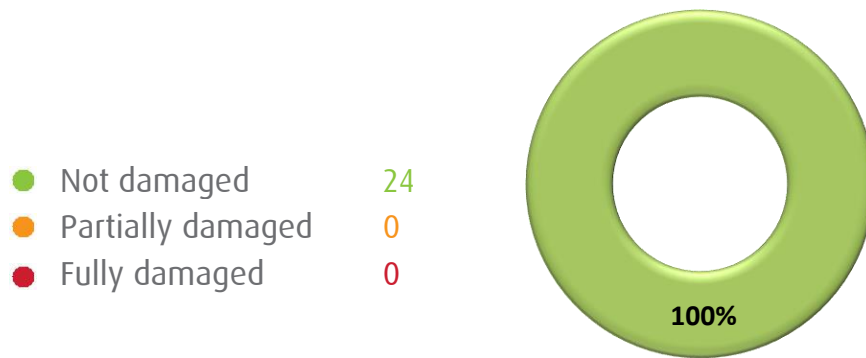
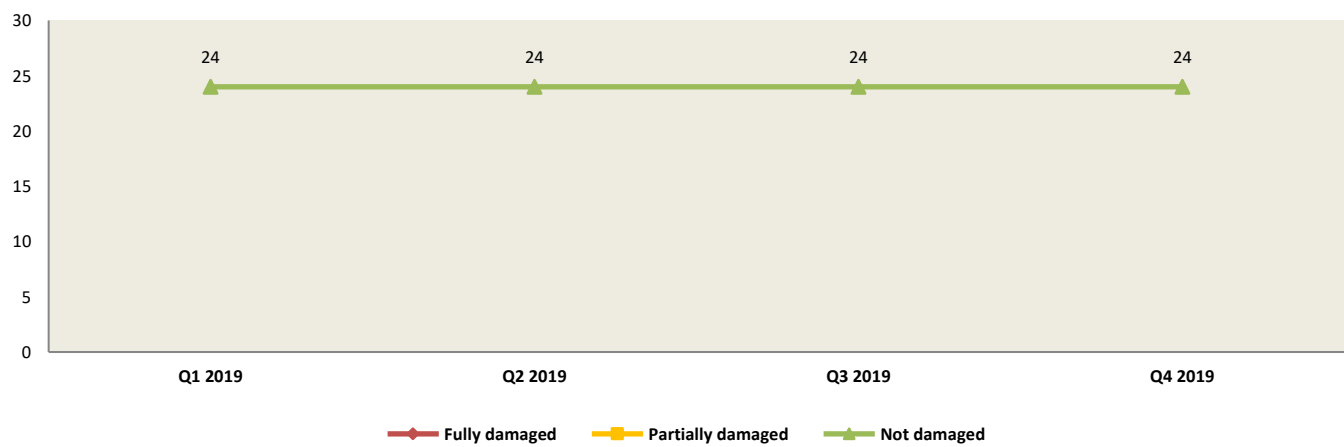


Figure 6: Trend analysis of private hospitals' level of damage, during 2019





## Infrastructure patterns of the functional Private hospitals

### 1. Inpatient capacity

Figure 7: Comparison of inpatient capacity (original vs. available) in functional hospitals, December 2019

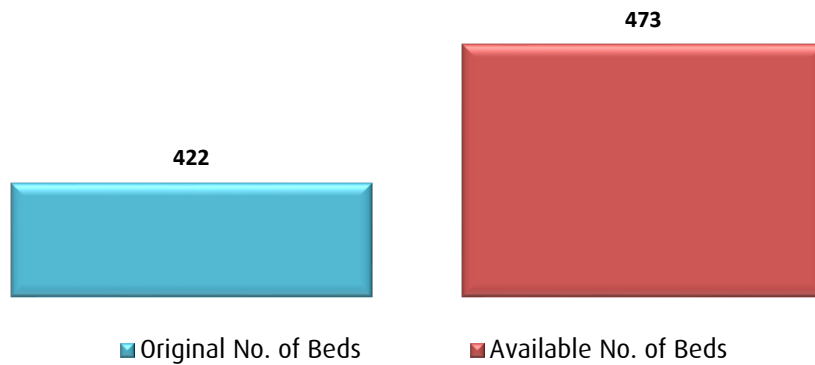


Figure 8: Percentage of available number of beds in functional hospital versus the original inpatient capacity, December 2019



## 2. Water

Figure 9: Main sources of water in functional hospitals, December 2019

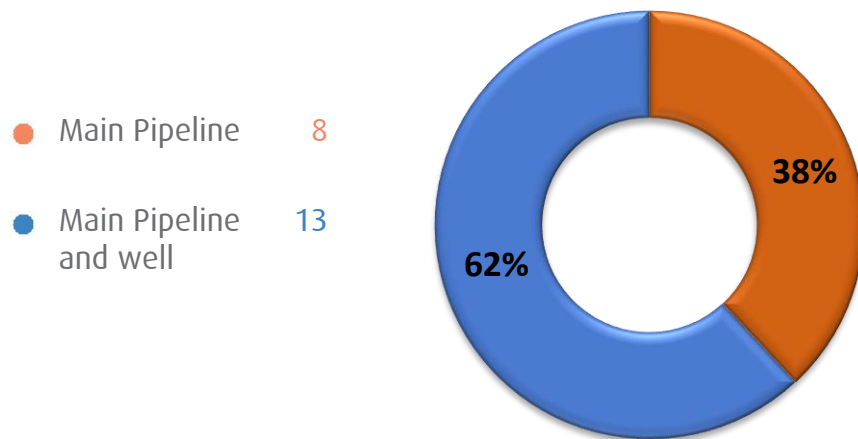
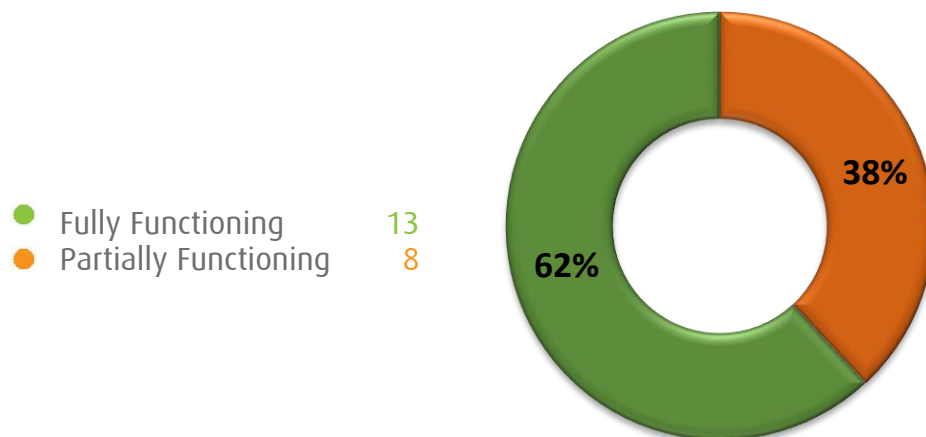


Figure 10: Functionality status of the water sources in functional hospitals, December 2019



### 3. Electricity

Figure 11: Hours of availability of electricity (from all sources) on average during the day in functional hospitals, December 2019

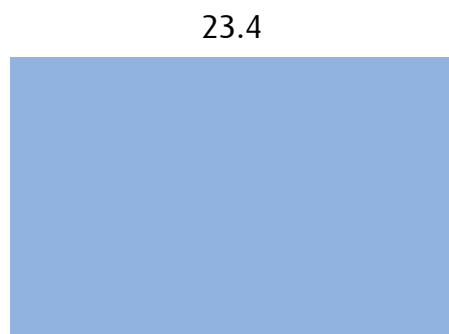


Figure 12: Percent of hospitals in need for generators out of total functional hospitals, December 2019

No cases during 4<sup>th</sup> quarter 2019

## Availability of human resources for health<sup>1</sup>

Figure 13: Proportion of health staff in functional hospitals, December 2019

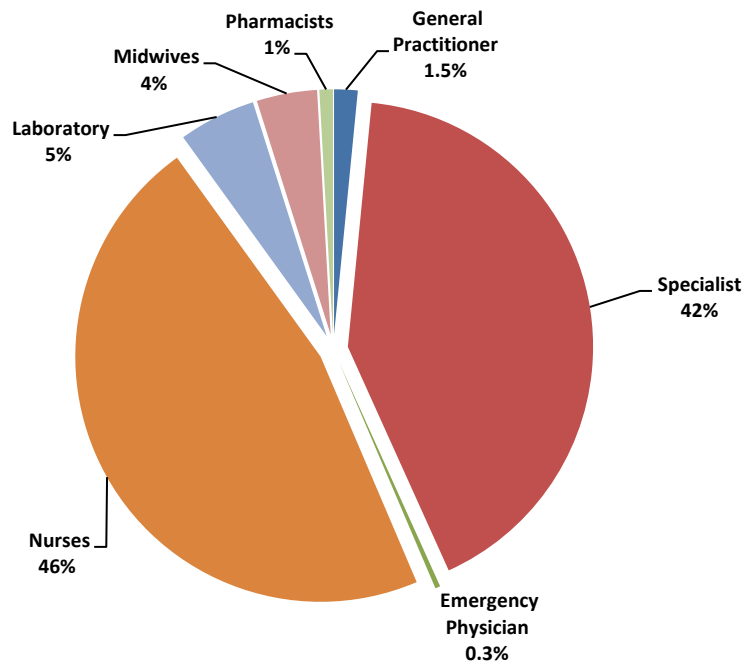
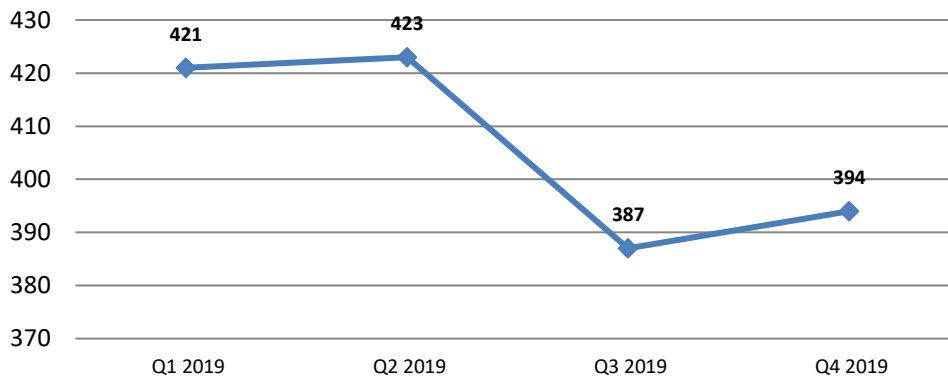


Figure 14: Trend analysis of number of doctors (a total of general practitioner, specialists, emergency physicians, resident doctors, and dentists) in functional hospitals, during 2019



<sup>1</sup> HR work part time

Figure 15: Trend analysis of number of nurses in functional hospitals, during 2019

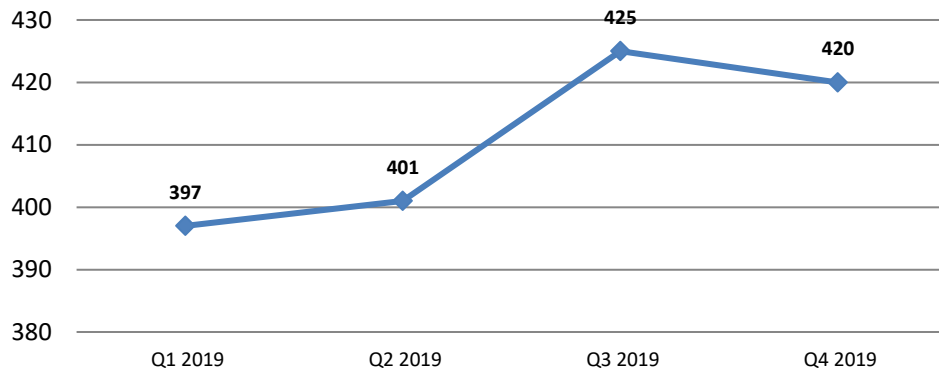


Figure 16: Trend analysis of number of midwives in functional hospitals, during 2019

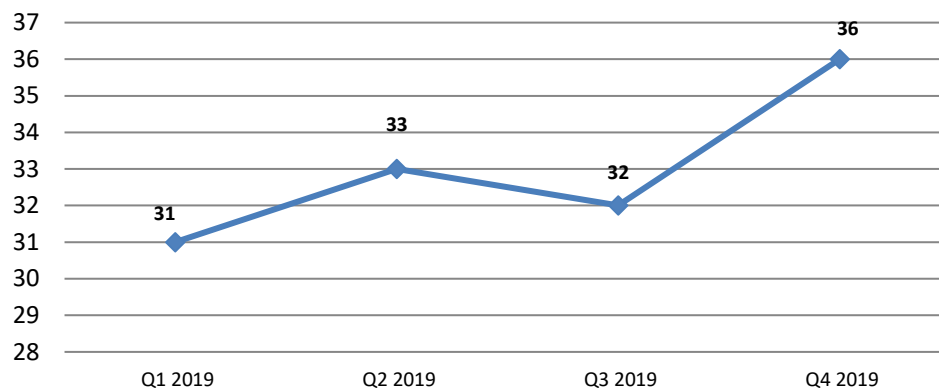


Figure 17: Number of nurses and midwives per doctor in functional hospitals, December 2019

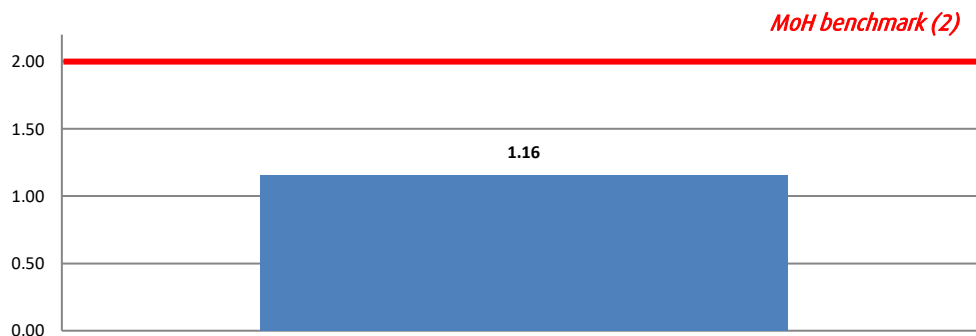


Figure 18: Proportion of doctors (a total of specialists, emergency physicians, resident doctors, dentists), by gender, per functional hospitals, December 2019

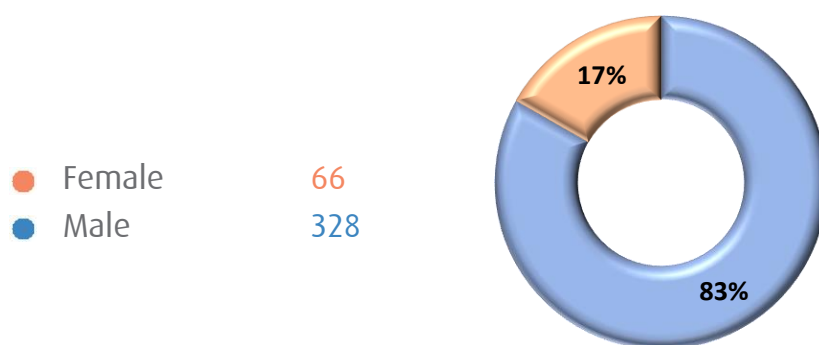
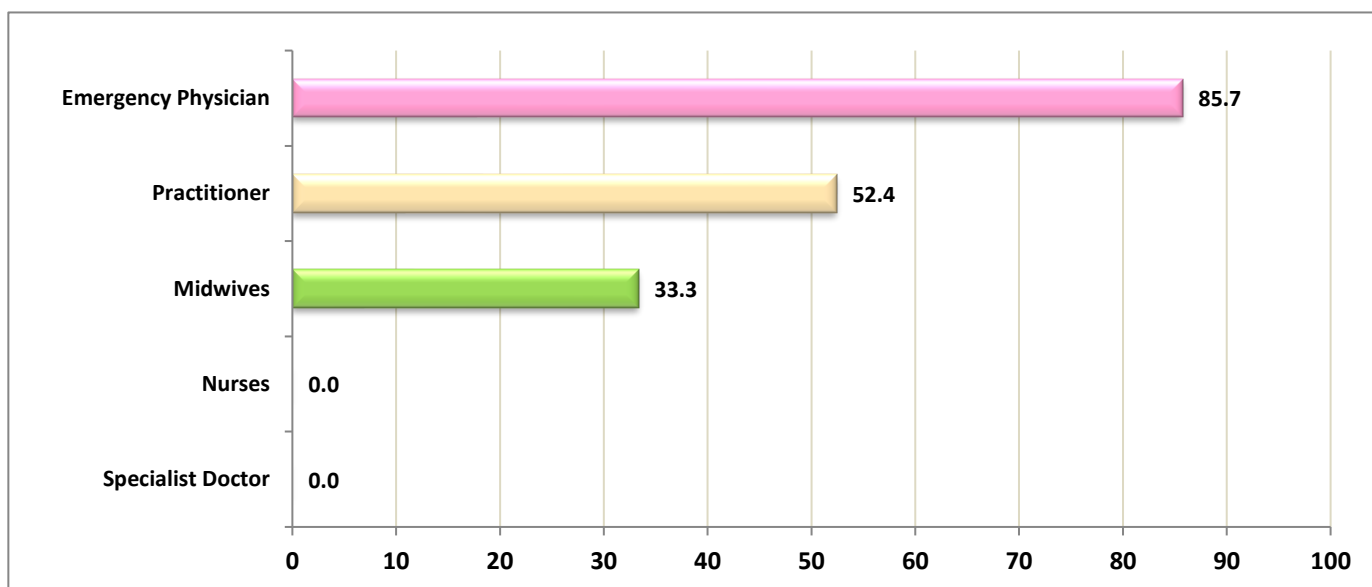


Figure 19: Percentage of functioning hospitals without medical staff (gaps), December 2019

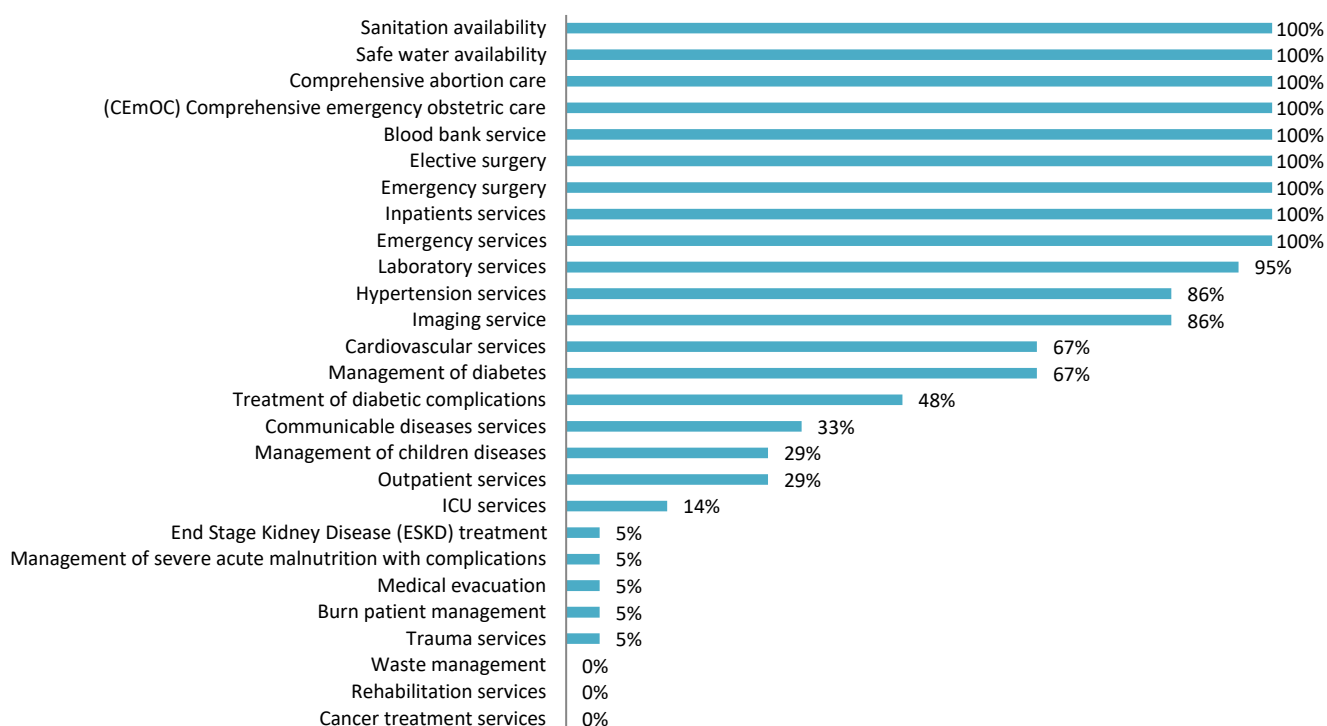


## Availability of health services

The availability of core healthcare services is monitored through HeRAMS at hospital's level, considering a standard list of health services including:

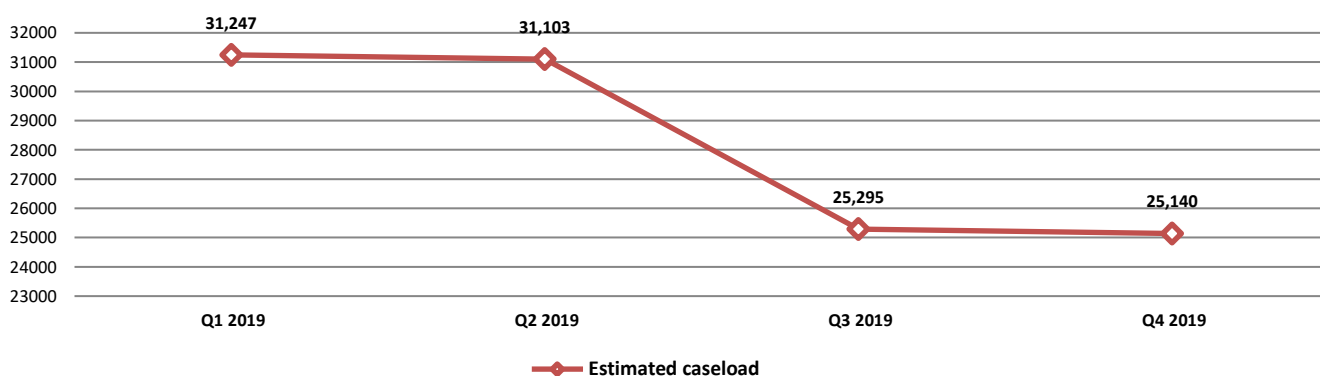
1. General Clinical Services (Outpatient, Inpatient, Laboratory, Blood bank services, Imaging services)
2. Surgical and Trauma care
3. Maternal health services [normal deliveries, caesarean sections, and CEmOC]
4. Nutrition
5. Child Health
6. Communicable diseases
7. Non-communicable diseases
8. Mental Health

Figure 20: Availability of health services in the functional hospitals, December 2019



## Utilization of the Health Services

Figure 21: Trend analysis of estimated caseload in functional hospitals, (during 2019 = 112,785)



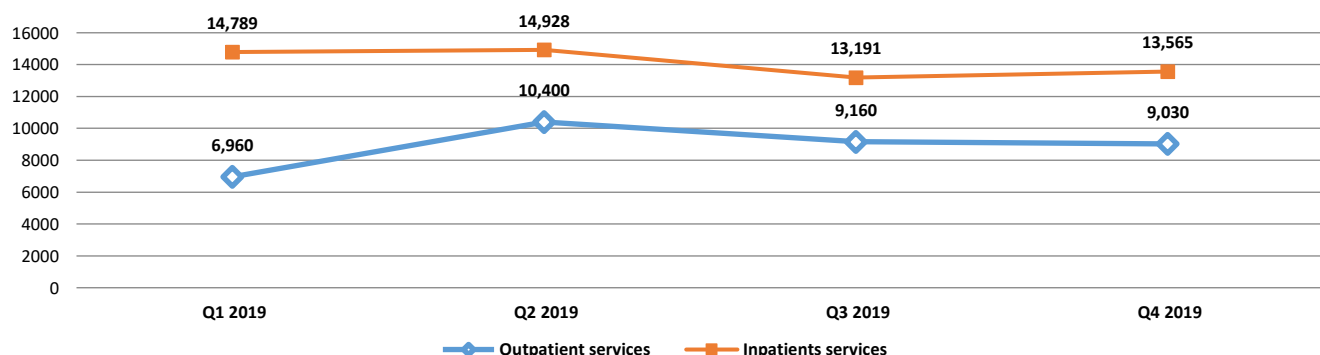
### 1. General clinical services

#### 1.1. Outpatient and inpatient:

- Outpatient department (OPD) with at least one doctor (during 2019 = 35,550)

- Inpatients services: At least 20 inpatient bed capacity with availability of medical doctors (MD), nurses and midwives, and 4–5 beds for short observation before admission, or 24/48 hour hospitalization (during 2019 = 56,473)

Figure 22: Trend analysis of outpatient and Inpatient in functional hospitals, during 2019

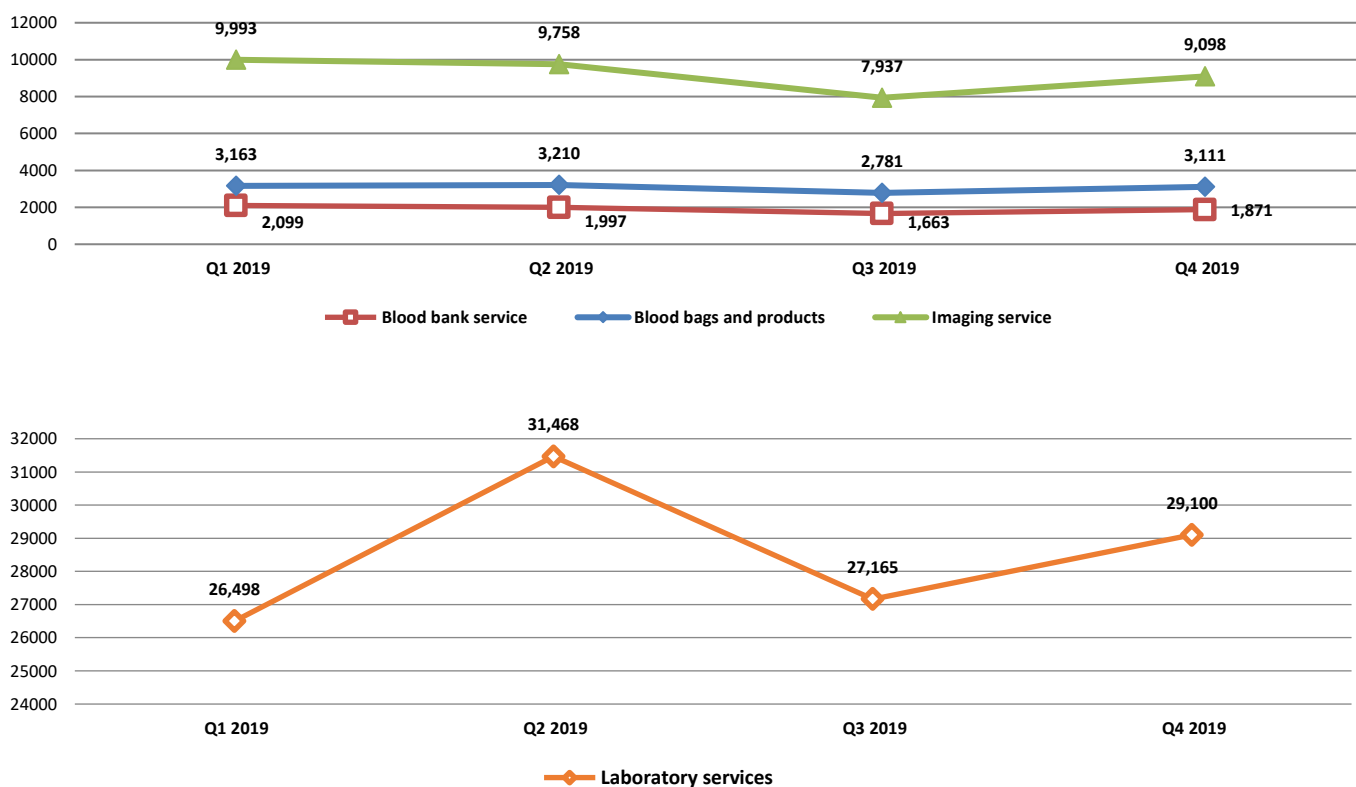




## 1.2. Laboratories, blood bank, and imaging services

- Laboratory services including public health laboratory (during 2019 = 114,231)
- Blood bank service (during 2019 = 7,630)
- Imaging service (X-Ray, ultrasound, CT Scanner, MRI, Mammography...etc.) (during 2019 = 44,939)

Figure 23: Trend analysis of number of patients received services in laboratories, blood bank, and imaging services in functional hospitals, during 2019

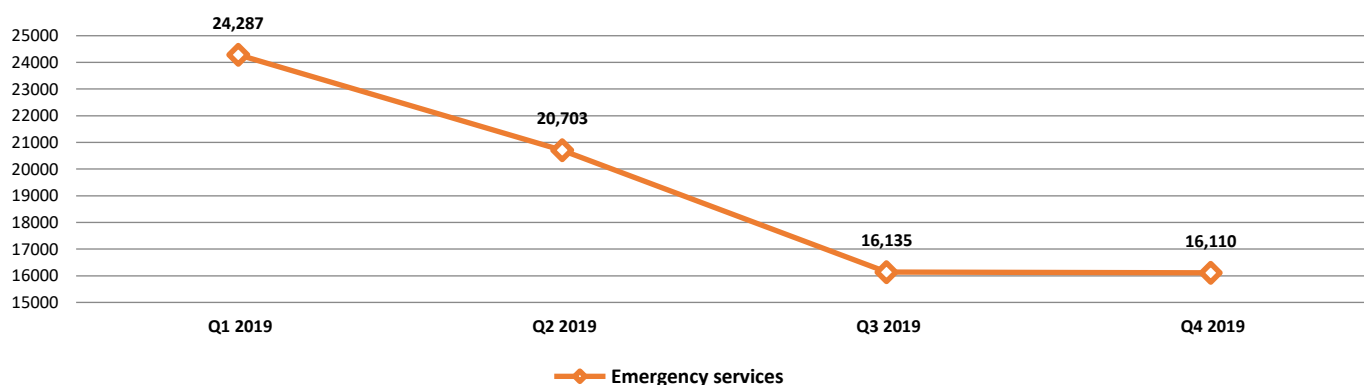


## 2. Surgical and Trauma care

### 2.1. Emergency cases reported in emergency departments

Medical and surgical triage, advanced life support (defibrillator) and airway management, acceptance of referral, advance stabilization and referral, availability of second-line emergency and pain management drugs

Figure 24: Trend analysis of number of reported cases in emergency department in functional hospitals, (during 2019 = 77,235)



## 2.2. Emergency and elective surgeries:

- Emergency surgery (including advanced fracture management through at least one operating theatre with basic general anaesthesia) (during 2019 = 9,050)
- Elective surgery (including but not limited to full surgical wound care) (during 2019 = 22,506)

Figure 25: Percentage of total emergency surgeries to elective surgeries in functional hospitals, December 2019

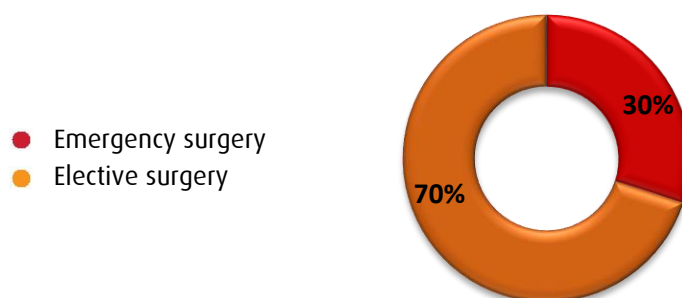
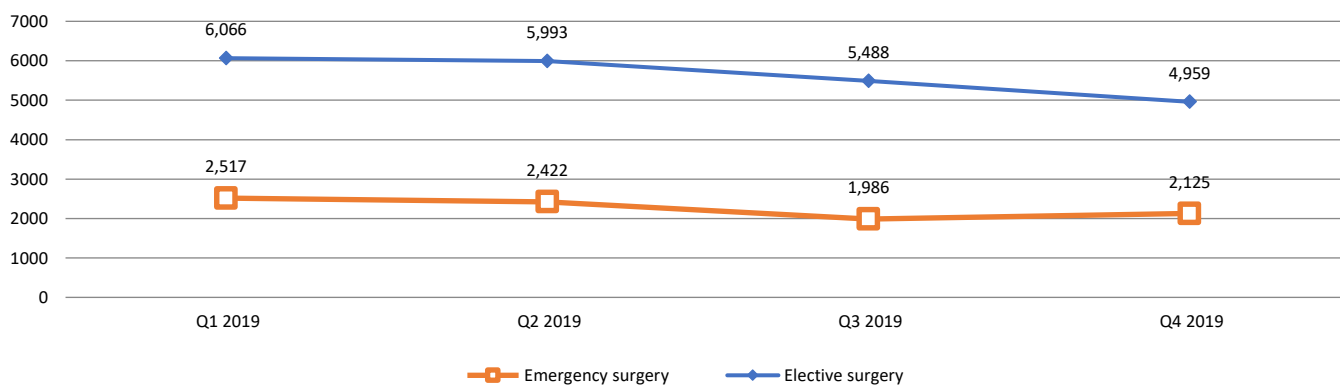
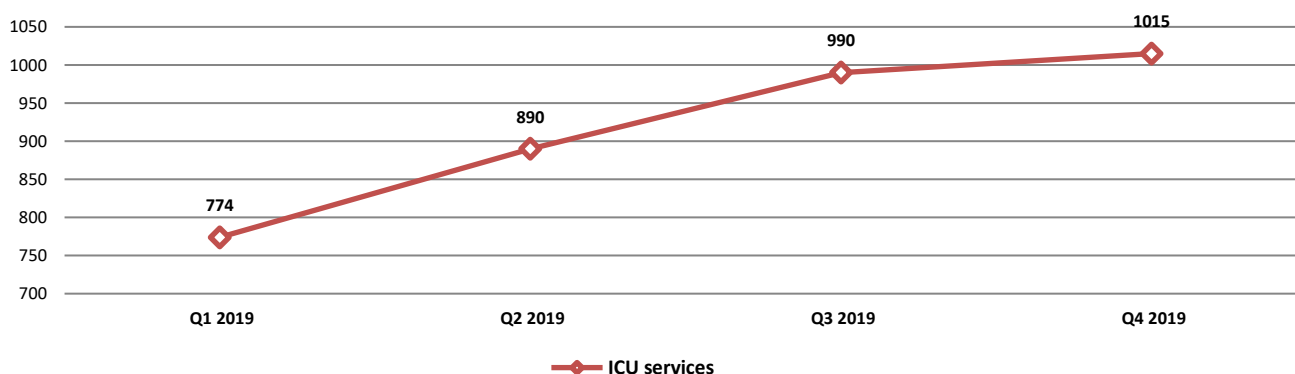


Figure 26: Trend analysis of number of patients received emergency surgeries and elective surgeries in functional hospitals, during 2019



### 2.3. ICU services:

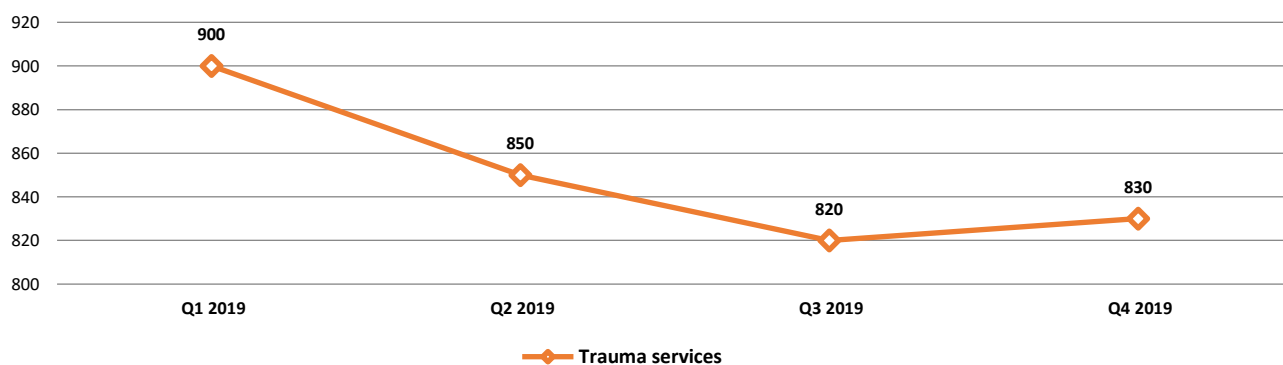
Figure 27: Trend analysis of number of patients received ICU services in functional hospitals, (during 2019 = 3,669)



### 2.4. Trauma services:

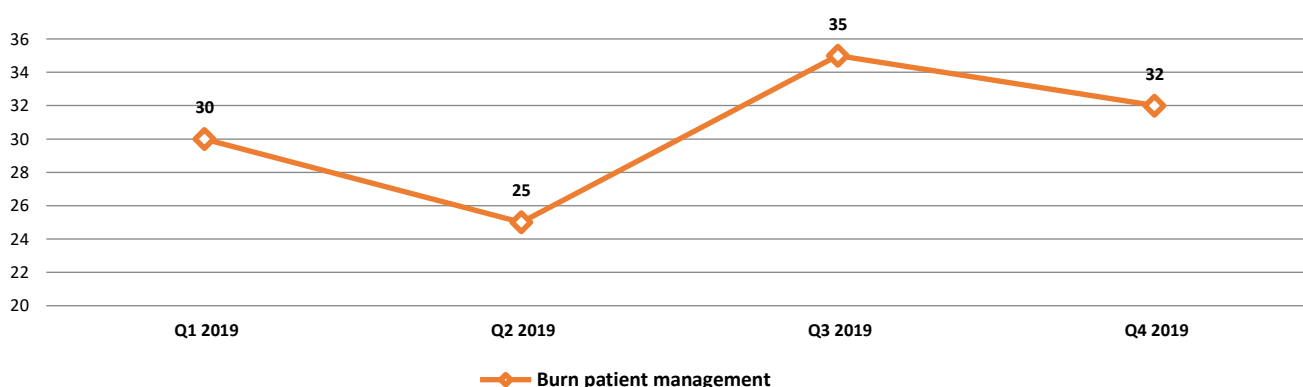
- Orthopedic/trauma ward for advanced orthopedic

Figure 28: Trend analysis of number of patients received trauma services in functional hospitals, (during 2019 = 3,400)



## 2.5. Burn patient management:

Figure 29: Trend analysis of number of patients received burn patient management in functional hospitals, (during 2019 = 122)



## 3. Maternal health services

### 3.1. Caesarean sections and normal deliveries

Figure 30: Percentage of caesarean sections to normal deliveries in functional hospitals, December 2019

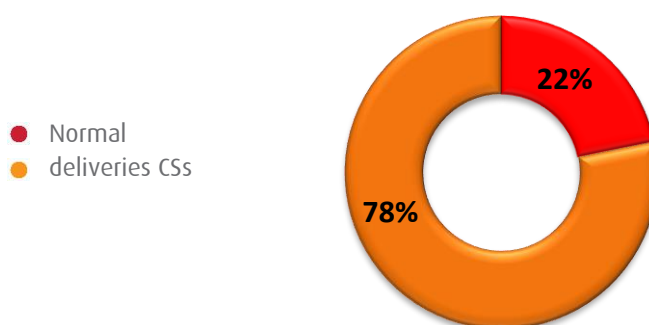
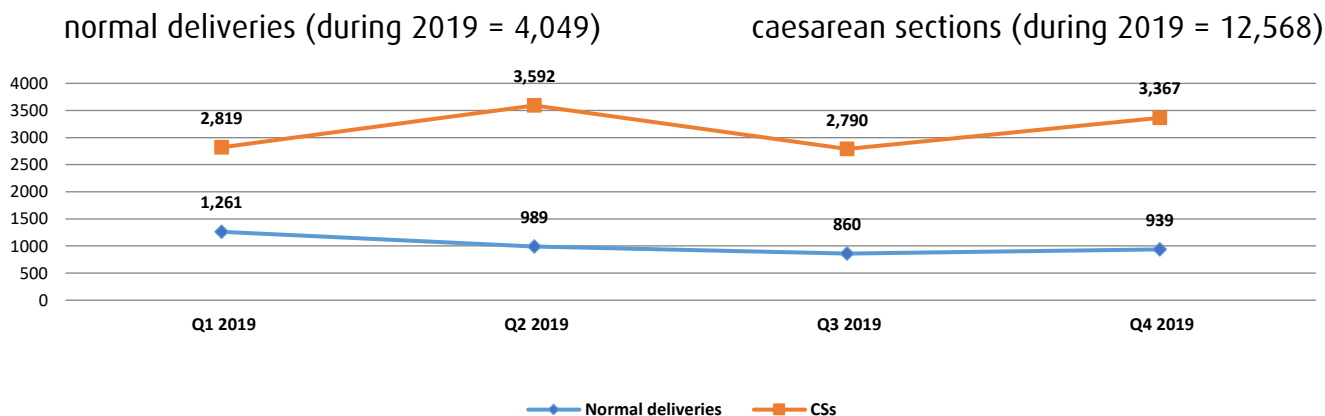


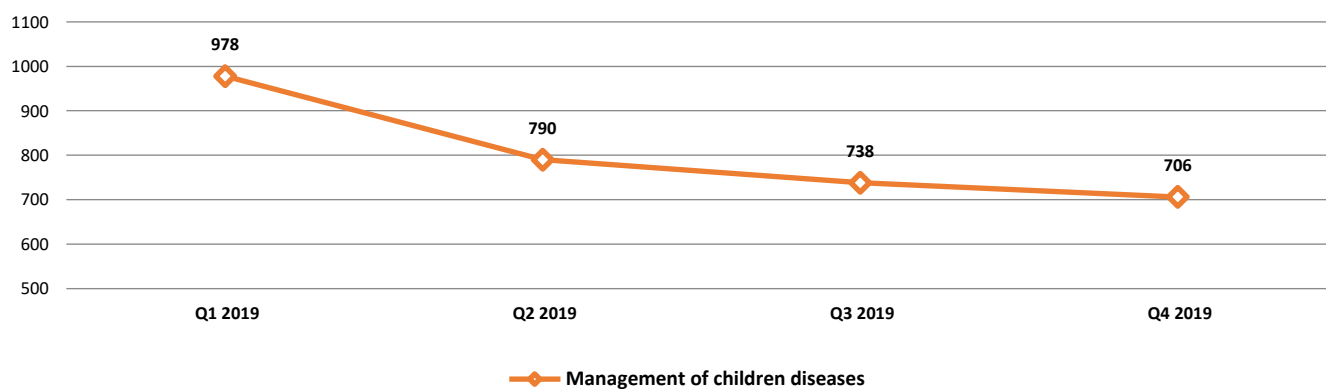
Figure 31: Trend analysis of the monthly numbers of normal deliveries vs. caesarean sections in functional hospitals, during 2019



#### 4. Child health

- Management of children classified with severe or very severe diseases (parenteral fluids and drugs, oxygen)

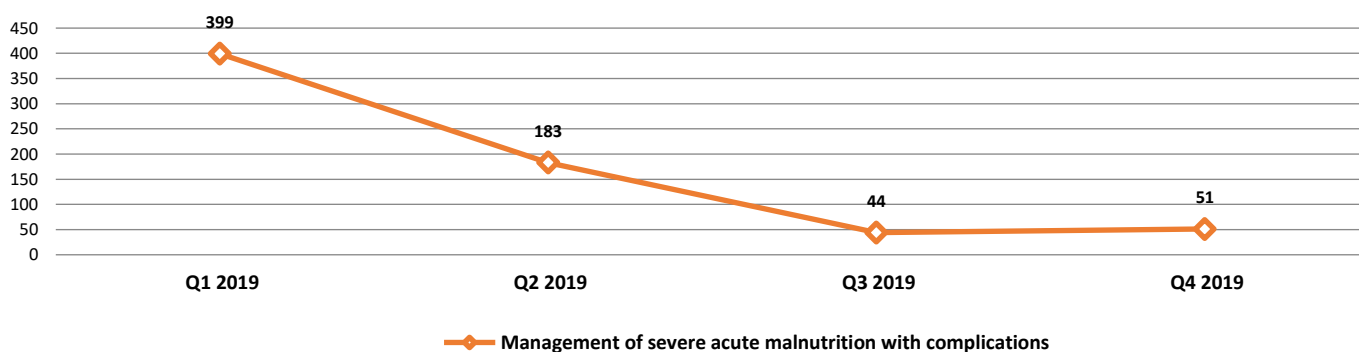
Figure 32: Trend analysis of reported cases of severe children diseases in functional hospitals, (during 2019 = 3,212)



## 5. Nutrition

- Stabilization centre for the management of severe acute malnutrition with medical complications, with availability of F75, F100, ready-to-use therapeutic foods and dedicated trained team of doctors, nurses, and nurse aids, 24/7

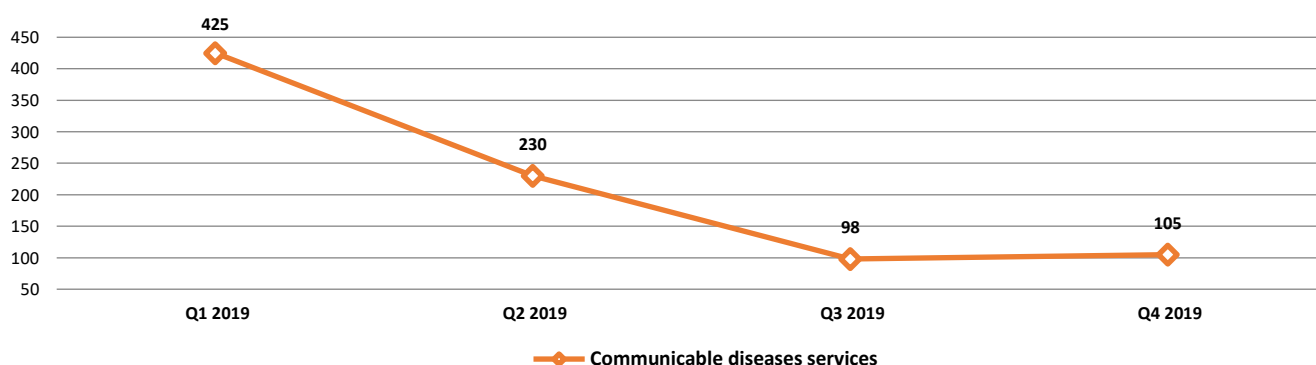
Figure 33: Trend analysis of number of children with severe acute malnutrition with complications in functional hospitals, (during 2019 = 677)



## 6. Communicable diseases services

- Management of severe and/or complicated communicable diseases (such as meningitis, measles, SARI, others)

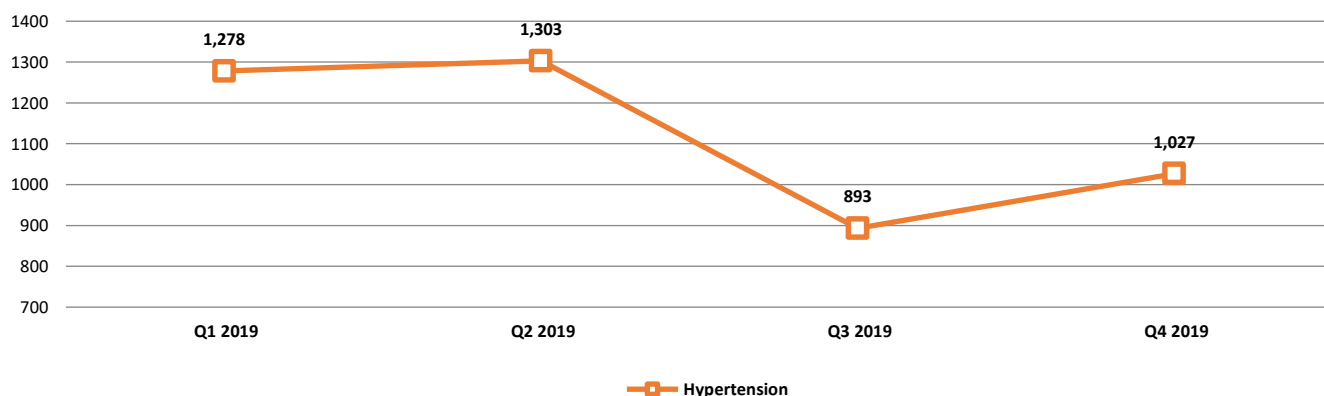
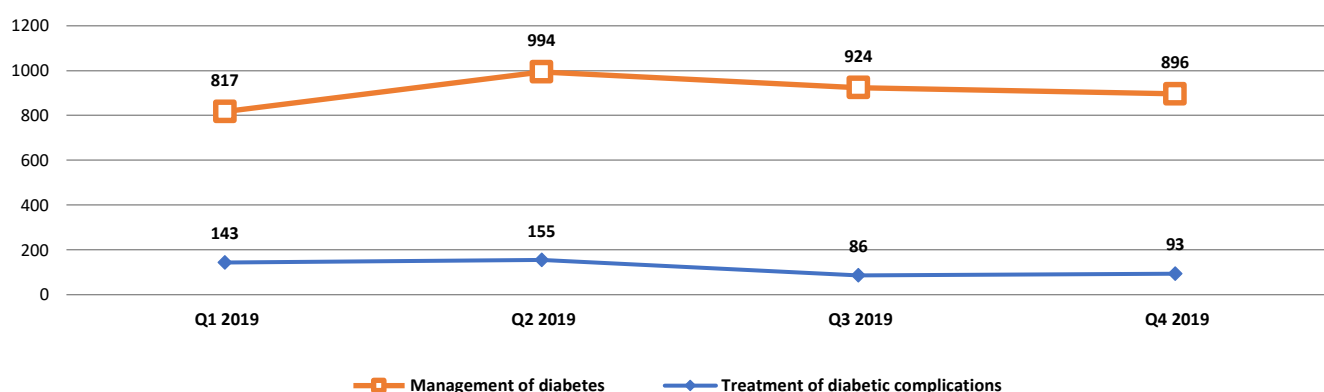
Figure 34: Trend analysis of number of patients received communicable diseases services in functional hospitals, (during 2019 = 858)



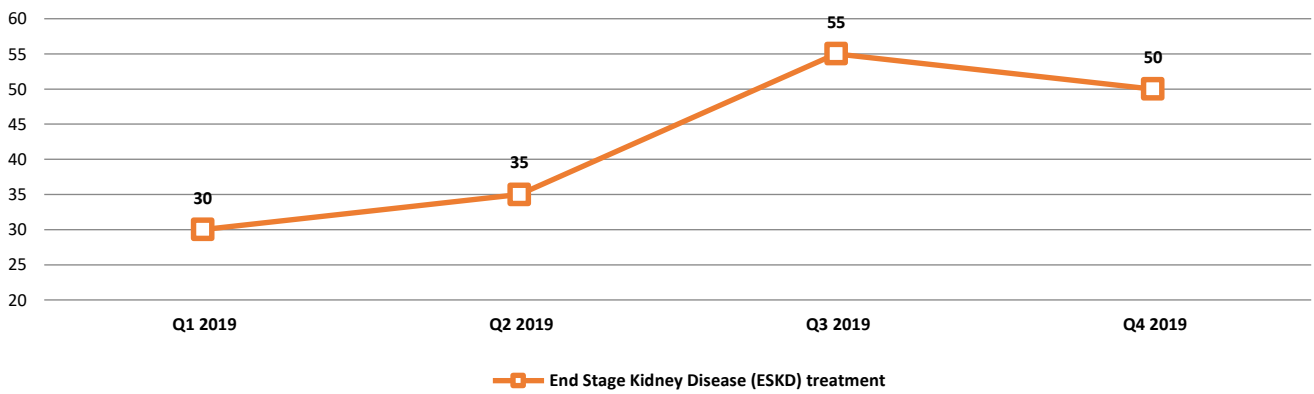
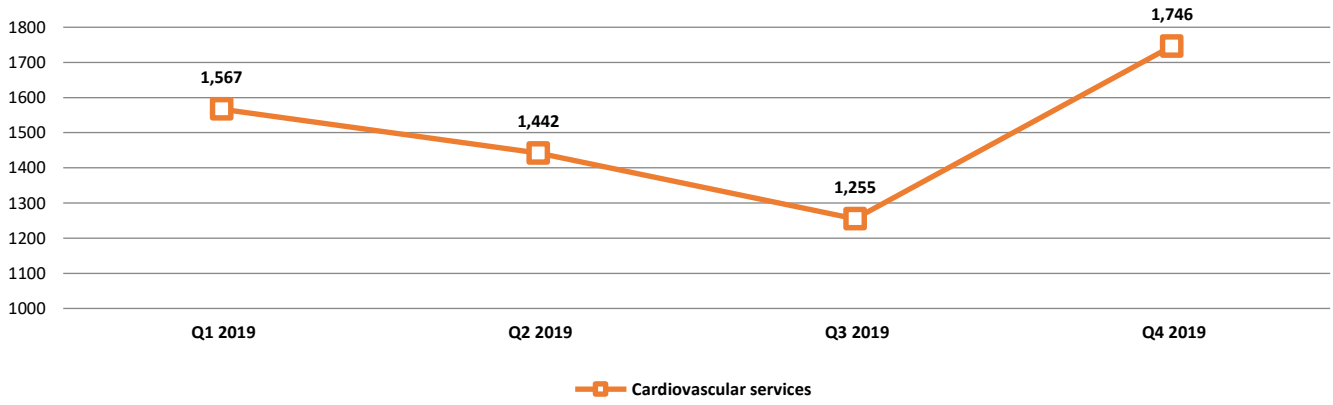
## 7. Noncommunicable diseases (NCDs)

- Management of diabetes (during 2019 = 3,631)
- Treatment of diabetic complications (Kidney failure, Diabetic retinopathy, Neuropathy Diabetes, Ft Diabetes ... etc.) (during 2019 = 477)
- Management of hypertension (during 2019 = 4,501)
- Management of cardiovascular diseases (during 2019 = 6,010)
- End Stage Kidney Disease (ESKD) treatment (during 2019 = 170)
- Management of cancer diseases (during 2019 = 0)

Figure 35: Trend analysis of total monthly number of NCDs' consultations reported in functional hospitals, during 2019







## Availability of medical equipment

The produced analysis provides good indication of the current readiness of the hospitals to provide the health services, and also to guide focused planning for procurement of equipment and machines, to fill-in identified gaps.

Figure 36: Percentage of functional essential equipment/ total available equipment in functional hospitals, December 2019

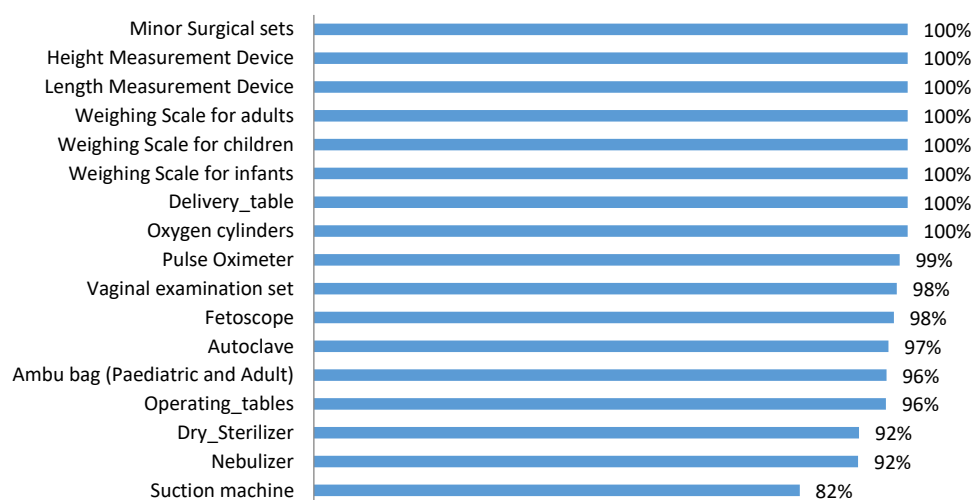
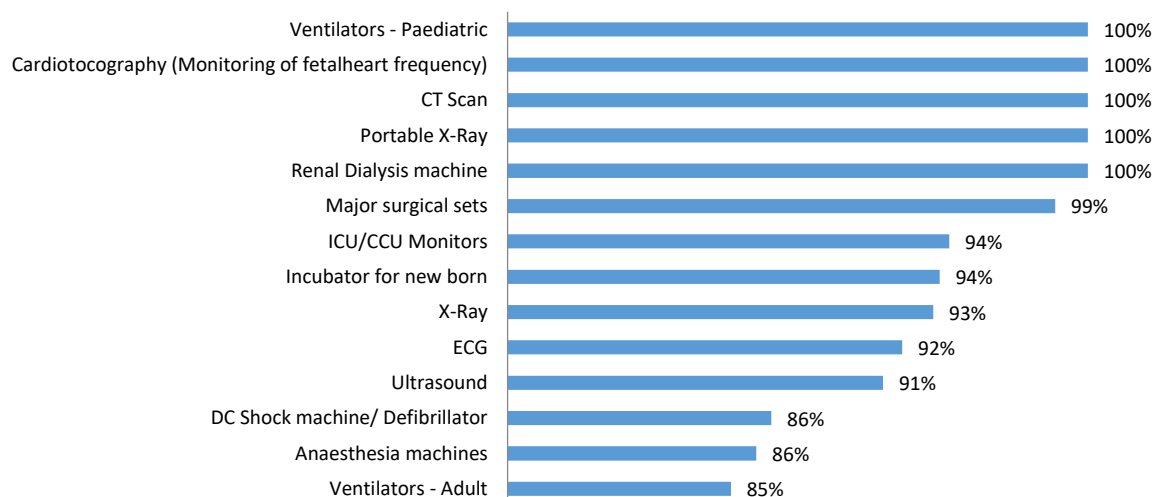


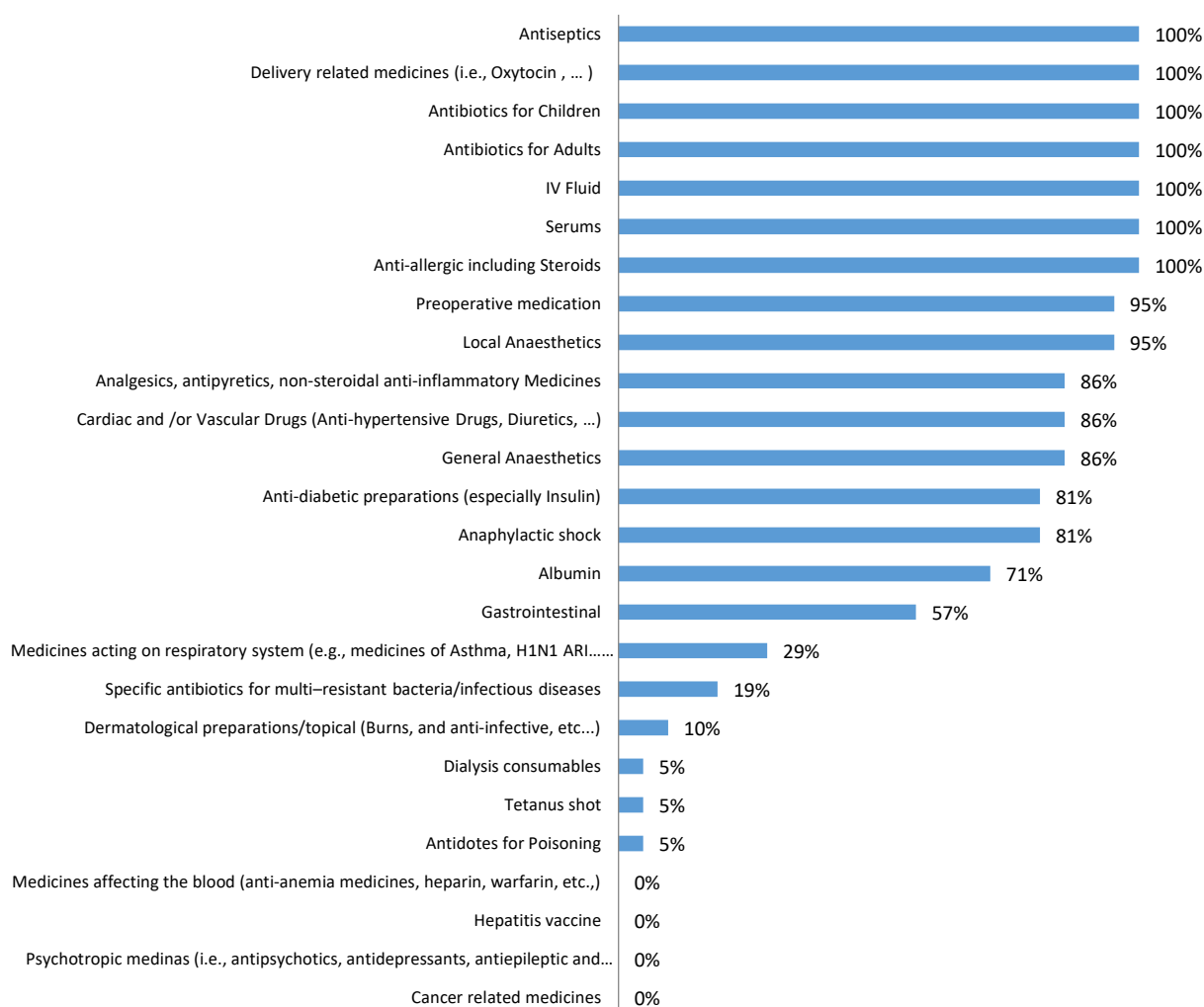
Figure 37: Percentage of functional specialized equipment/ total available equipment in functional hospitals, December 2019



## Availability of medicines & medical supplies

Based on a standard list of identified priority medicines (driven from the national Essential Medicine List), and medical supplies for duration of one month

Figure 38: Availability of medicines and medical supplies for one month in the functional hospitals, December 2019



## List of private hospitals in Al-Hasakeh governorate, HeRAMS Q4 2019

#	Hospital_Name_Ar	Hospital_Name_En	Governorate	City	Hospital Type	Functionality	Accessible	Level of damage	Consultations (during Q4 2019)	Available No. of Beds	ICU Beds	General Practitioner	Specialist	Emergency Physicians	Resident Doctors	Dentist	Nurses	Midwives
1	الطب الحديث	Modern Medical Hospital in Ra's Al-Ein	Al-Hasakeh	Ras Al Ain	General	Non-functioning	No	Not damaged	0	0	0	0	0	0	0	0	0	0
2	السلام	Alsalam Hospital in Ra's Al-Ein	Al-Hasakeh	Ras Al Ain	General	Non-functioning	No	Not damaged	0	0	0	0	0	0	0	0	0	0
3	الجزيرة	Aljazera Hospital in Ra's Al-Ein	Al-Hasakeh	Ras Al Ain	General	Non-functioning	No	Not damaged	0	0	0	0	0	0	0	0	0	0
4	الحكمة	Alhekmeh Hospital in Al-Hasakeh	Al-Hasakeh	Al-Hasakeh	General	Partially Functioning	Yes	Not damaged	4190	40	7	1	37	1	0	0	85	4
5	التجمة	Alnagmeh Hospital in Al-Hasakeh	Al-Hasakeh	Al-Hasakeh	General	Partially Functioning	Yes	Not damaged	820	12	0	0	24	1	0	0	7	0
6	دار الشفاء	Dar alshifa Hospital in Al-Hasakeh	Al-Hasakeh	Al-Hasakeh	Specialized	Partially Functioning	Yes	Not damaged	465	10	0	0	17	0	0	0	12	4
7	شابو	Shabu Hospital in Al-Hasakeh	Al-Hasakeh	Al-Hasakeh	General	Partially Functioning	Yes	Not damaged	1200	19	0	0	13	0	0	0	15	1
8	الحياة	Alhayat Hospital in Al-Hasakeh	Al-Hasakeh	Al-Hasakeh	General	Partially Functioning	Yes	Not damaged	4250	51	7	2	25	0	0	0	77	2
9	النور	Alnour Hospital in Al-Qamishli	Al-Hasakeh	Quamishli	General	Partially Functioning	Yes	Not damaged	975	60	10	1	19	1	0	0	16	1
10	الرحمة	Alahme Hospital in Al-Qamishli	Al-Hasakeh	Quamishli	General	Partially Functioning	Yes	Not damaged	1900	20	0	1	22	0	0	0	11	0
11	السلام	Alsalam Hospital in Al-Qamishli	Al-Hasakeh	Quamishli	General	Partially Functioning	Yes	Not damaged	1200	22	0	2	22	0	0	0	20	3
12	نافذ	Nafez Hospital in Al-Qamishli	Al-Hasakeh	Quamishli	General	Partially Functioning	Yes	Not damaged	640	10	0	0	23	0	0	0	10	0
13	فرمان	Ferman Hospital in Al-Qamishli	Al-Hasakeh	Quamishli	General	Partially Functioning	Yes	Not damaged	1100	20	0	1	23	0	0	0	11	0
14	دار الشفاء	Dar alshifa Hospital in Al-Qamishli	Al-Hasakeh	Quamishli	General	Partially Functioning	Yes	Not damaged	800	17	0	0	19	0	0	0	15	4
15	امل	Al-Amal Hospital in Al-Qamishli	Al-Hasakeh	Quamishli	General	Partially Functioning	Yes	Not damaged	600	25	0	0	10	0	0	0	12	2
16	الكندي	Alkindi Hospital in Al-Qamishli	Al-Hasakeh	Quamishli	General	Partially Functioning	Yes	Not damaged	1250	20	0	1	11	0	0	0	22	3
17	الكلمة	Alkaleme Hospital in Al-Qamishli	Al-Hasakeh	Quamishli	General	Partially Functioning	Yes	Not damaged	365	36	2	2	15	0	0	0	20	4
18	الرازي	Alrazi Hospital in Al-Qamishli	Al-Hasakeh	Quamishli	General	Partially Functioning	Yes	Not damaged	185	20	0	0	9	0	0	0	12	0
19	سليمان صالح	Souliman Saleh Hospital in Al-Malikeye	Al-Hasakeh	Al-Malikeyeh	General	Partially Functioning	Yes	Not damaged	150	10	0	0	12	0	0	0	4	0
20	سليم	Saleem Hospital in Al-Malikeye	Al-Hasakeh	Al-Malikeyeh	General	Partially Functioning	Yes	Not damaged	900	10	0	0	13	0	0	0	4	0
21	السلام	Alsalam Hospital in Al-Malikeye/Maabada	Al-Hasakeh	Maabada	General	Partially Functioning	Yes	Not damaged	950	15	0	0	15	0	0	0	12	0
22	عامودا	Amouda Hospital in Al-Qamishli/Amouda	Al-Hasakeh	Amuda	General	Partially Functioning	Yes	Not damaged	900	21	0	2	11	0	0	0	21	2
23	داري	Dari Hospital in Al-Qamishli/Amouda	Al-Hasakeh	Amuda	General	Partially Functioning	Yes	Not damaged	1700	20	0	0	24	0	0	0	20	2
24	العلي	Al-Ali Hospital in Ra's Al-Ein/Alderbasia	Al-Hasakeh	Darbasiyah	General	Partially Functioning	Yes	Not damaged	900	15	0	1	13	0	0	0	9	3

