



**World Health
Organization**
Syrian Arab Republic

HeRAMS Annual Report

January - December 2020

**Private Hospitals
in Al-Hasakeh Governorate**

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World Health Organization
Health Resources and Services Availability Monitoring System
Syrian Arab Republic



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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 2020 to December 2020. HerAMS published reports are available at: <http://www.emro.who.int/syr/information-resources/herams-reports.html>

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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

139,796

of Consultations
(during 2020)

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

459

of available
beds

401

of medical
doctors

503

of nurses &
midwives

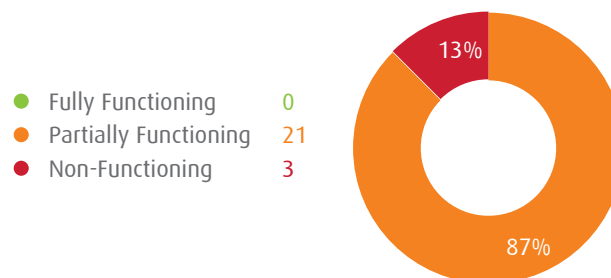
1. Completeness of hospitals reporting

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

2. 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 - 4th Quarter 2020



Map1: Functionality status, 4th Quarter 2020

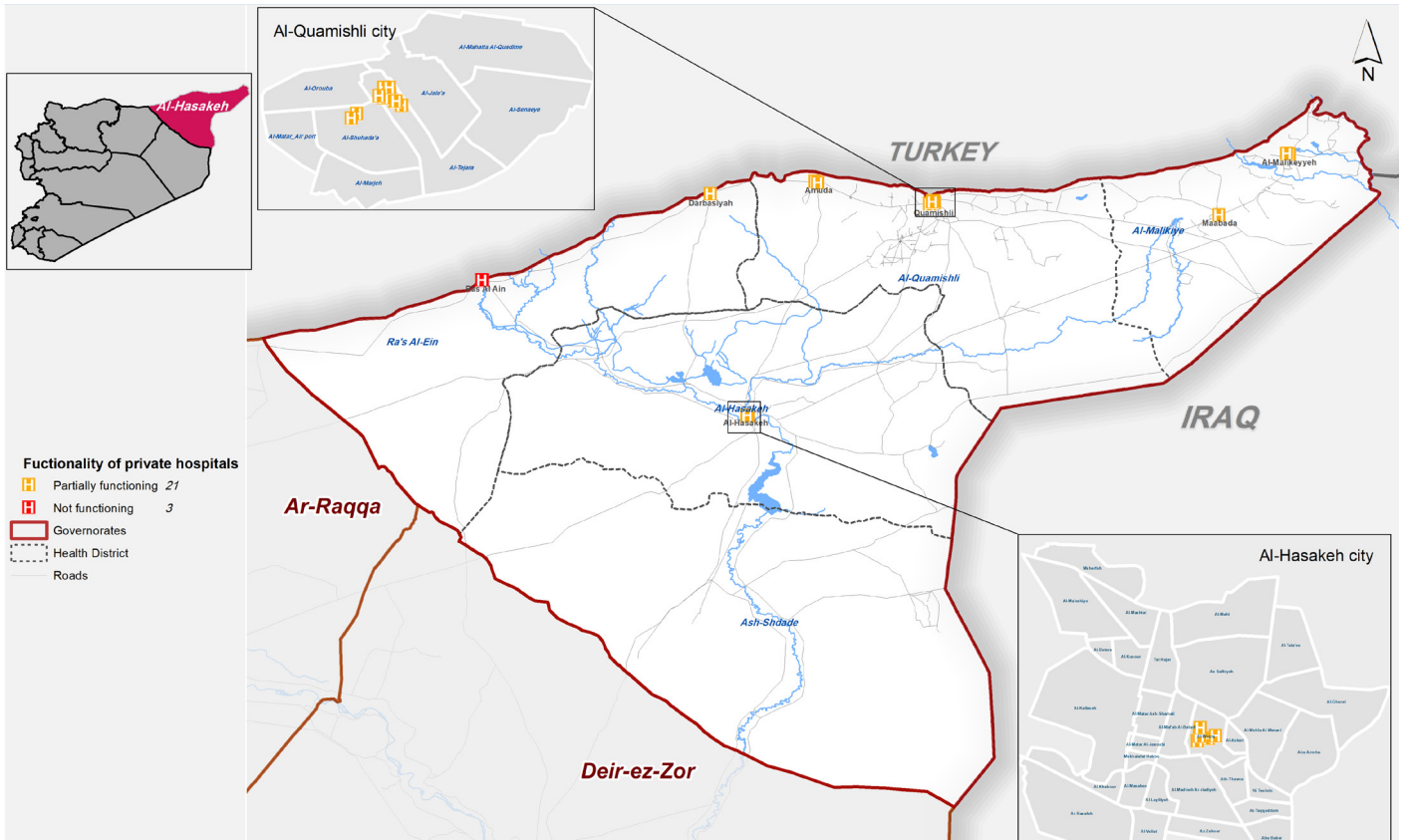
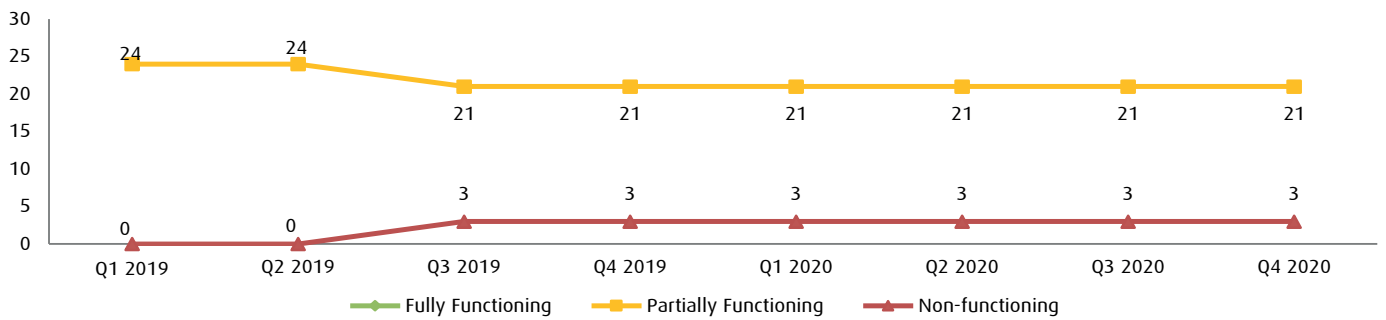


Figure 2: Trend analysis of functionality status, per quarters



3. 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, 4th Quarter 2020

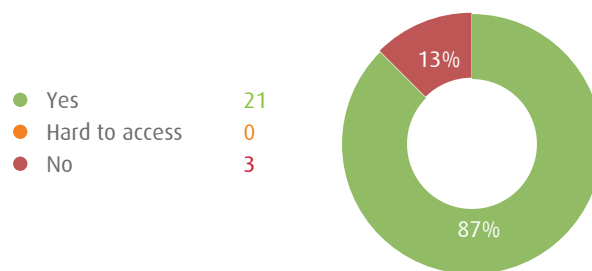
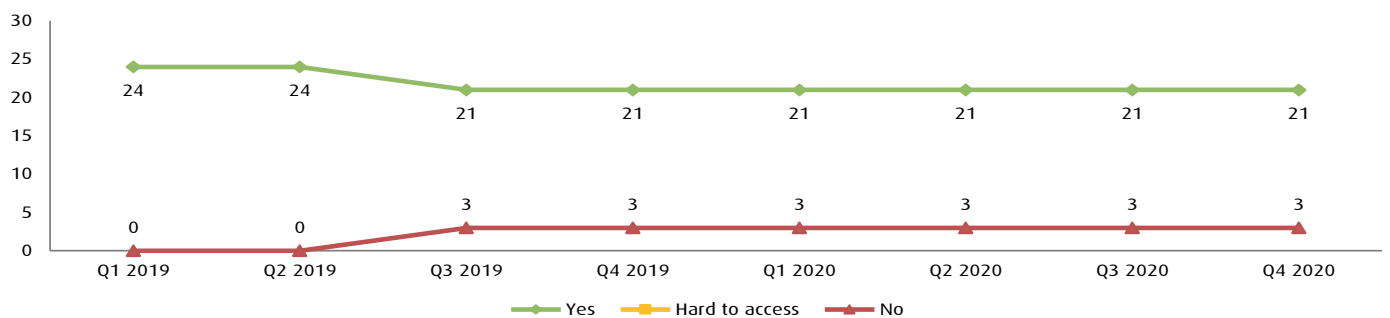


Figure 4: Trend analysis of accessibility to private hospitals, per quarters



4. 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. Analysis of the level of damage provides good indication on the potential costs for reconstruction.

Figure 5: Level of Damage, 4th Quarter 2020

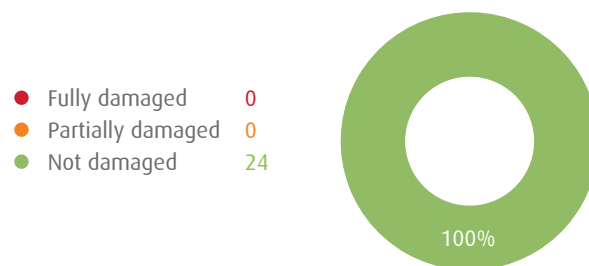
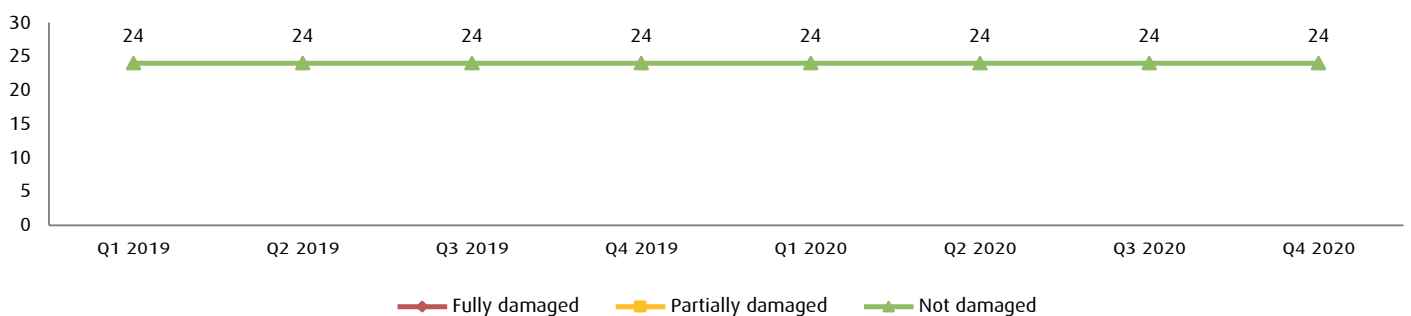


Figure 6: Trend analysis of private hospitals' level of damage, per quarters



5. Infrastructure patterns of the functional private hospitals

1. Inpatient capacity

Figure 7: Comparison of inpatient capacity (original vs. available) in functional hospitals, 4th Quarter 2020

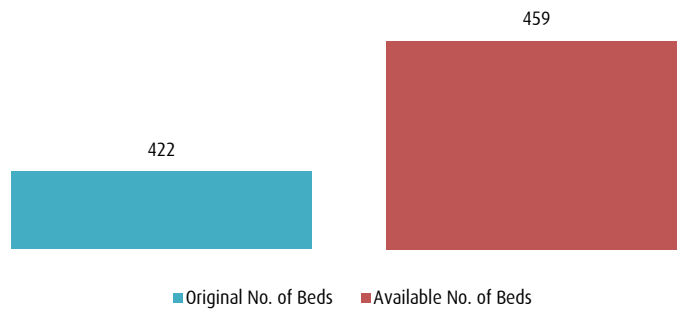


Figure 8: Percentage of available number of beds in functional hospital versus the original inpatient capacity, 4th Quarter 2020



2. Water

Figure 9: Main sources of water in functional hospitals, 4th Quarter 2020

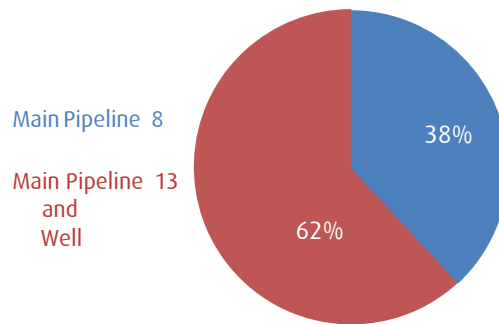
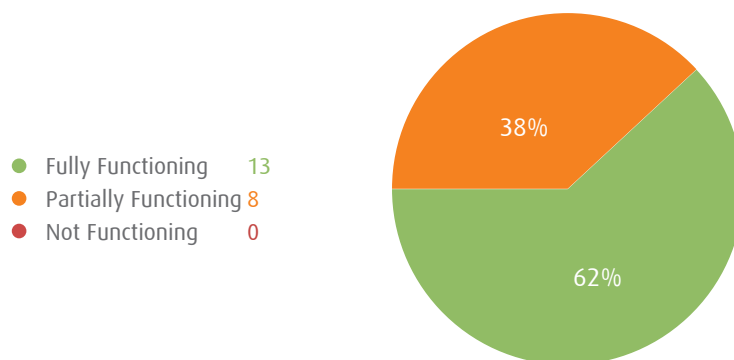


Figure 10: Functionality status of the water sources in functional hospitals, 4th Quarter 2020



3. Electricity

Figure 11: Hours of availability of electricity (from all sources) on average during the day in functional hospitals, 4th Quarter 2020

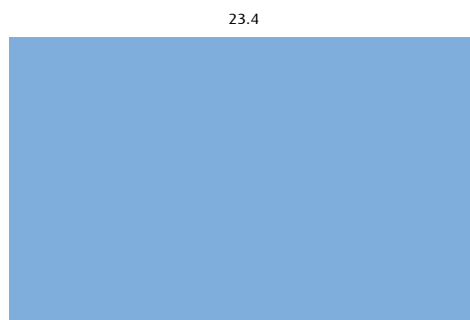
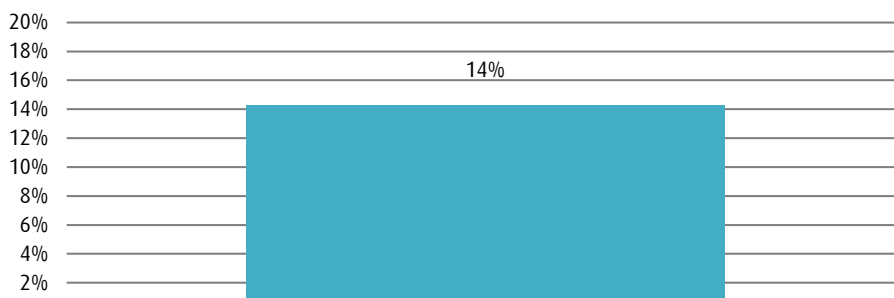


Figure 12: Percent of hospitals in need for generators out of total functional hospitals, 4th Quarter 2020



6. Availability of human resources for health¹

Figure 13: Proportion of health staff in functional hospitals, 4th Quarter 2020

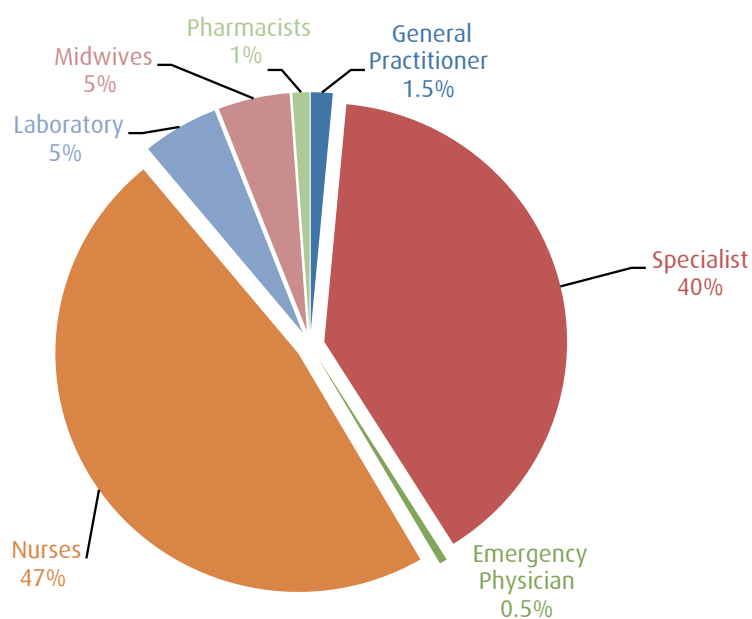


Table 1: Availability of human resources of functioning public hospitals, per governorate, 4th Quarter 2020

Governorate	General Practitioner	Orthopedic surgery	General surgery	Neurological surgery	Other Specialists	Emergency Physician	Resident Doctor	Dentist	Nurses	Laboratory	Midwives	Pharmacists	University*	Technicians	Others
Al-Hasakeh Governorate	14	35	54	31	262	5	0	0	457	49	46	11	24	35	129

1 HR work part time

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

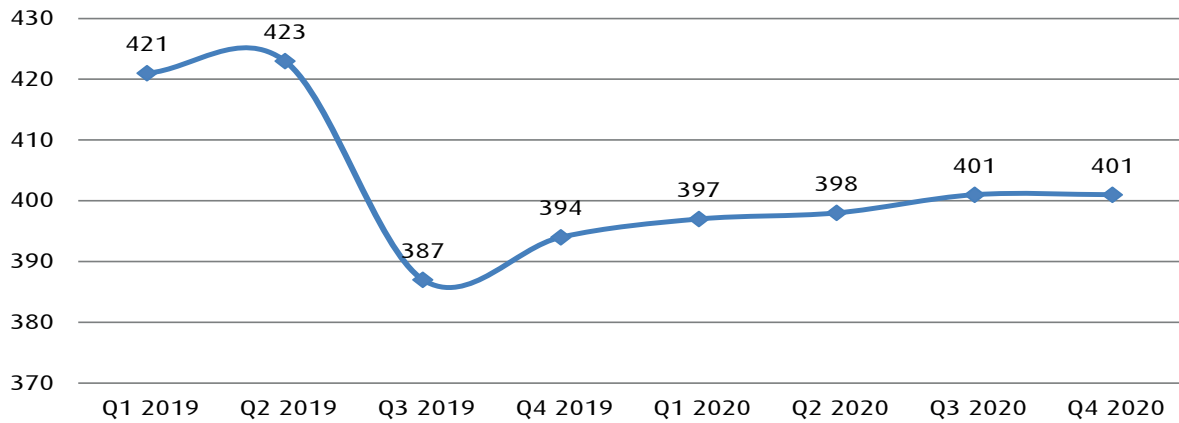


Figure 15: Trend analysis of number of nurses in functional hospitals, per quarters

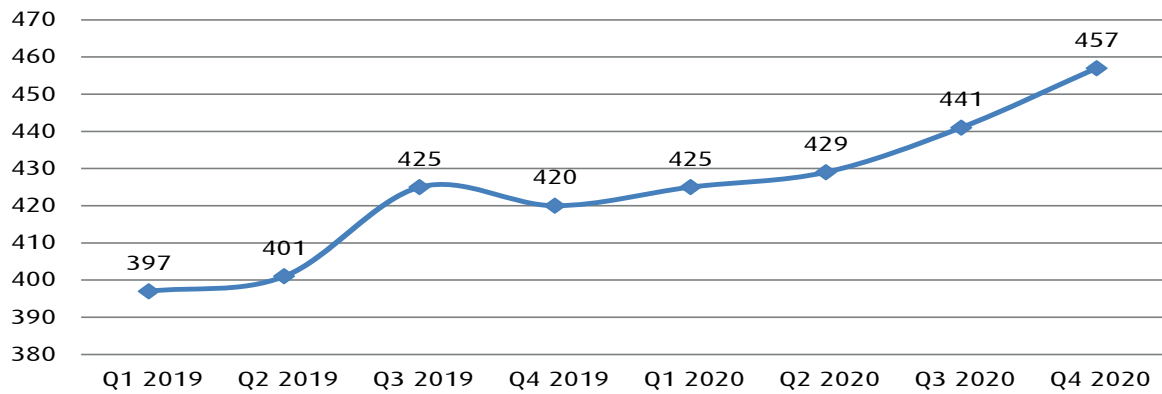


Figure 16: Trend analysis of number of midwives in functional hospitals, per quarters

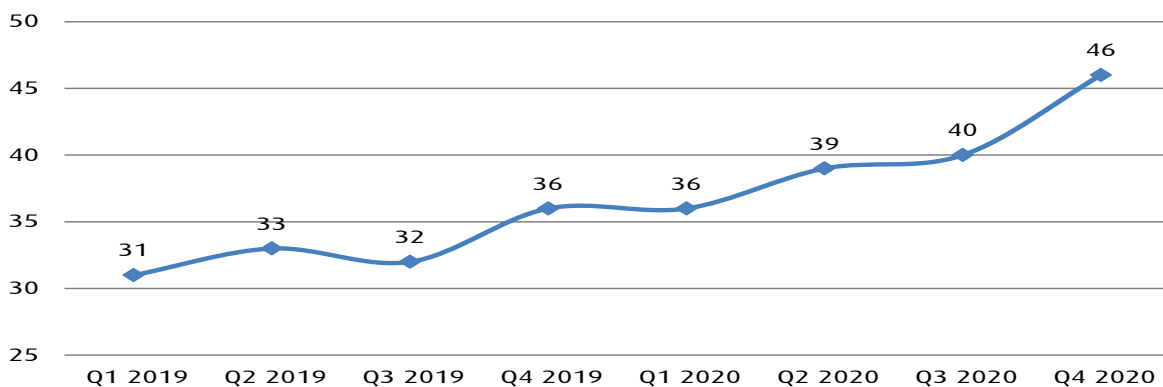


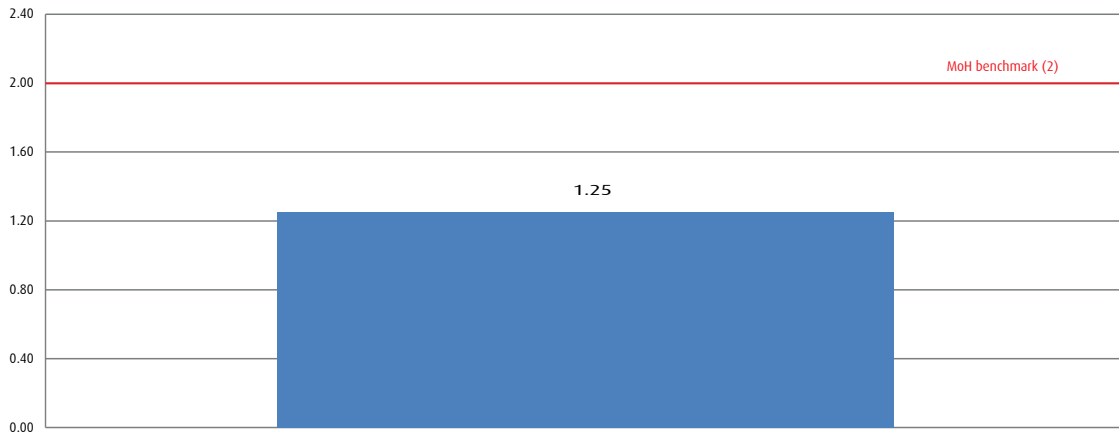
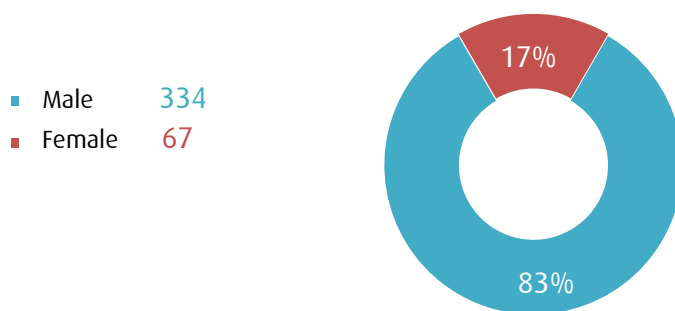
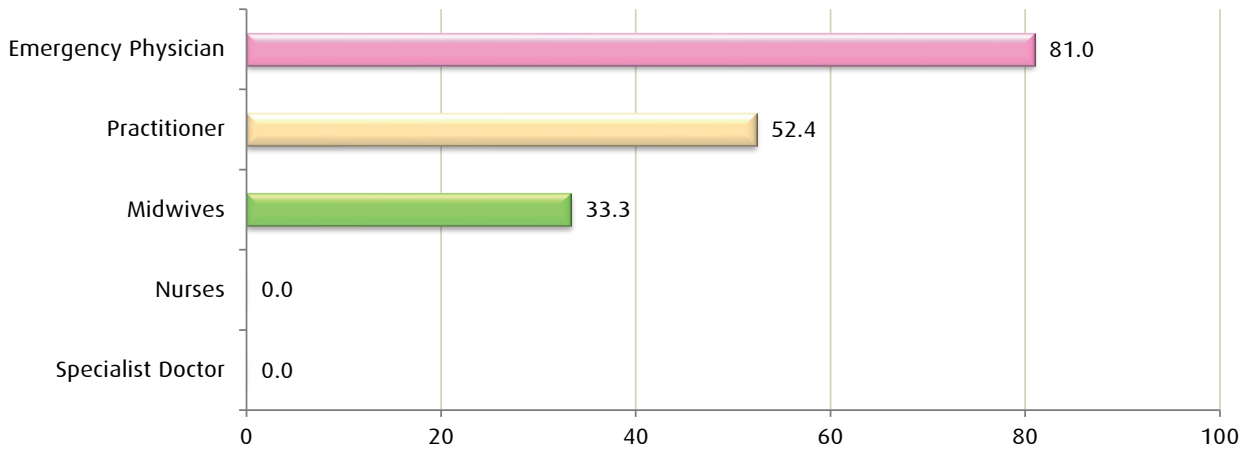
Figure 17: Number of nurses and midwives per doctor in functional hospitals, 4th Quarter 2020Figure 18: Proportion of doctors (a total of specialists, emergency physicians, resident doctors, dentists), by gender, per functional hospitals, 4th Quarter 2020

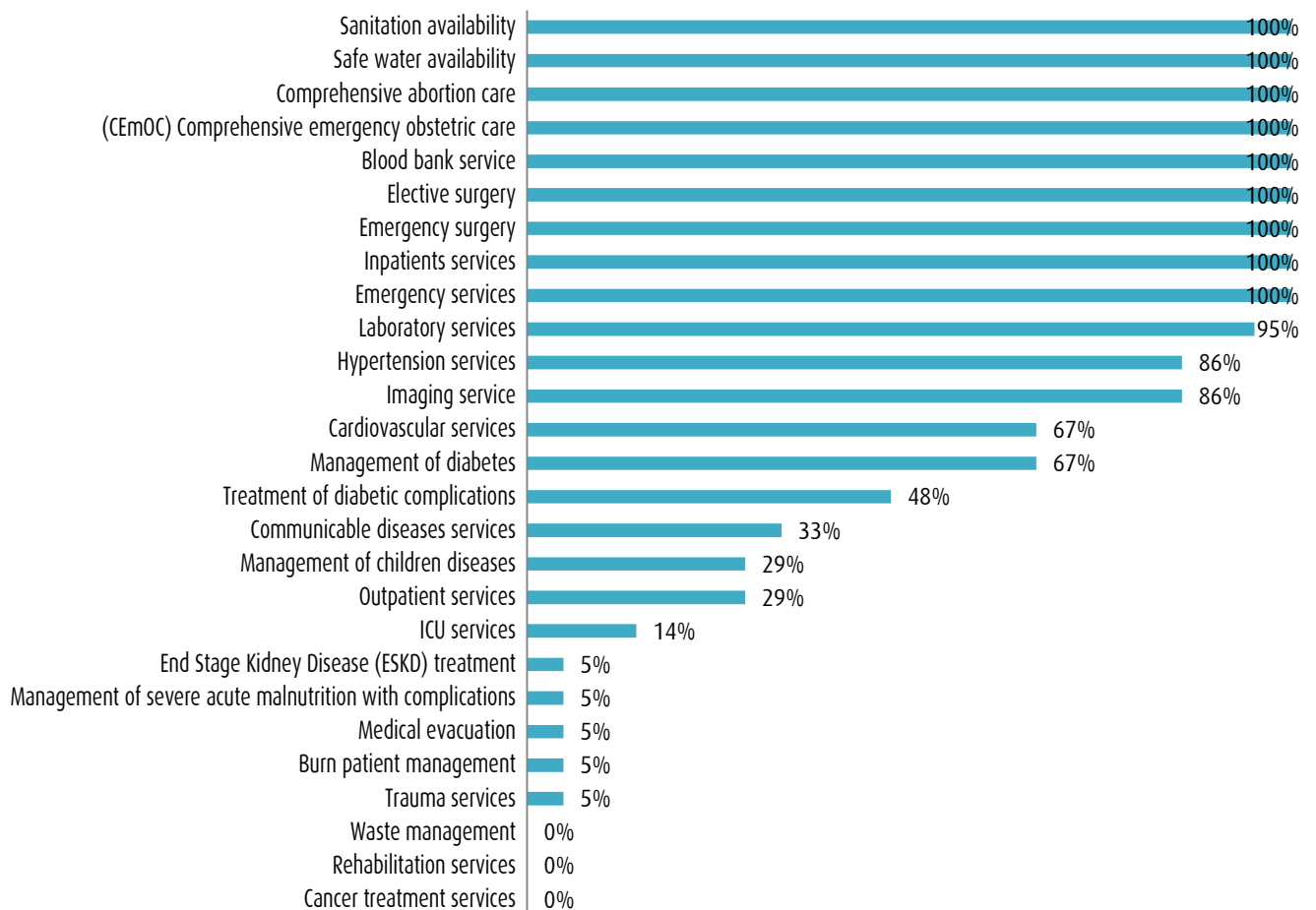
Figure 19: Percentage of functioning hospitals without medical staff (gaps), 4th Quarter 2020

7. 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:

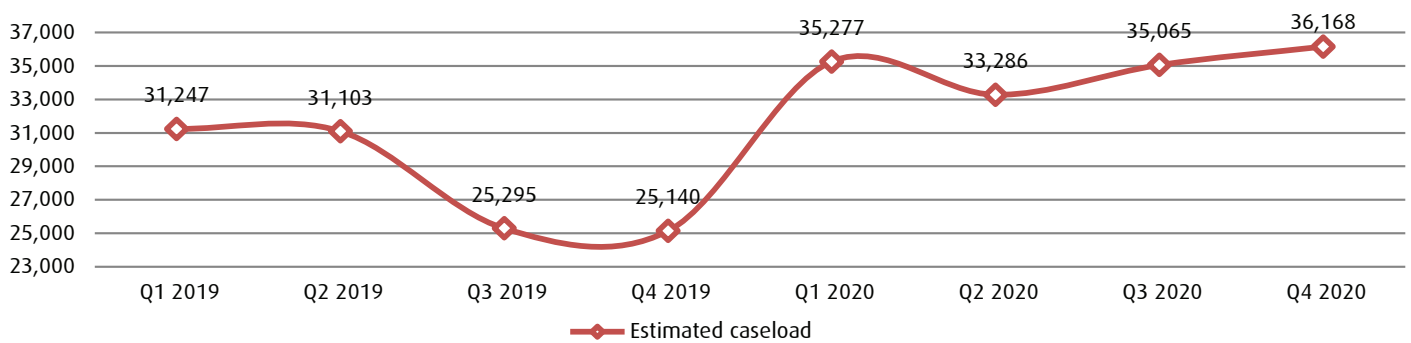
1. General Clinical Services (Outpatient, Inpatient, Laboratory, Blood bank services, Imaging services)
2. Surgical and Trauma care
3. Maternal health services [normal deliveries, caesarean sections, and CEmOC]
4. Nutrition
5. Child Health
6. Communicable diseases
7. Non-communicable diseases
8. Mental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

Figure 20: Availability of health services in the functional hospitals, 4th Quarter 2020



8. Utilization of the Health Services

Figure 21: Trend analysis of estimated caseload in functional hospitals, per quarters
(during 2019 = 112,785) (during 2019 = 139,796)



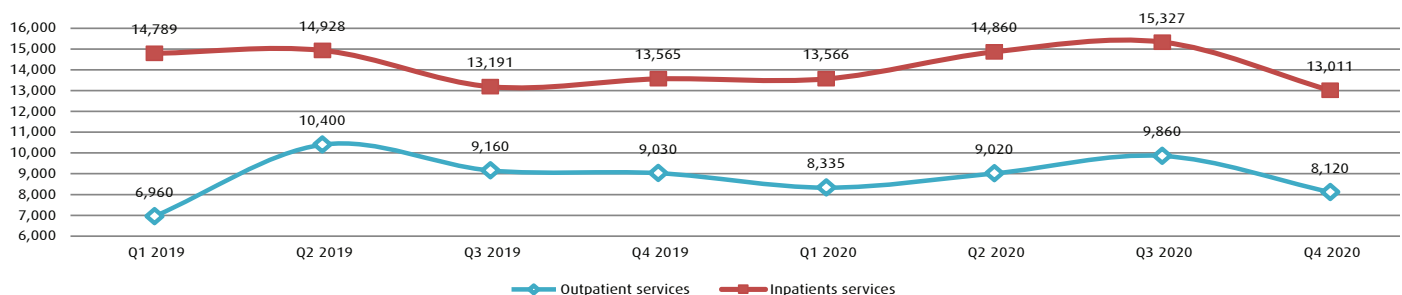
1. General clinical services

1.1. Outpatient and inpatient:

• Outpatient department (OPD) with at least one doctor (during 2019 = 35,550) (during 2020 = 35,335)

• 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) (during 2020 = 56,764)

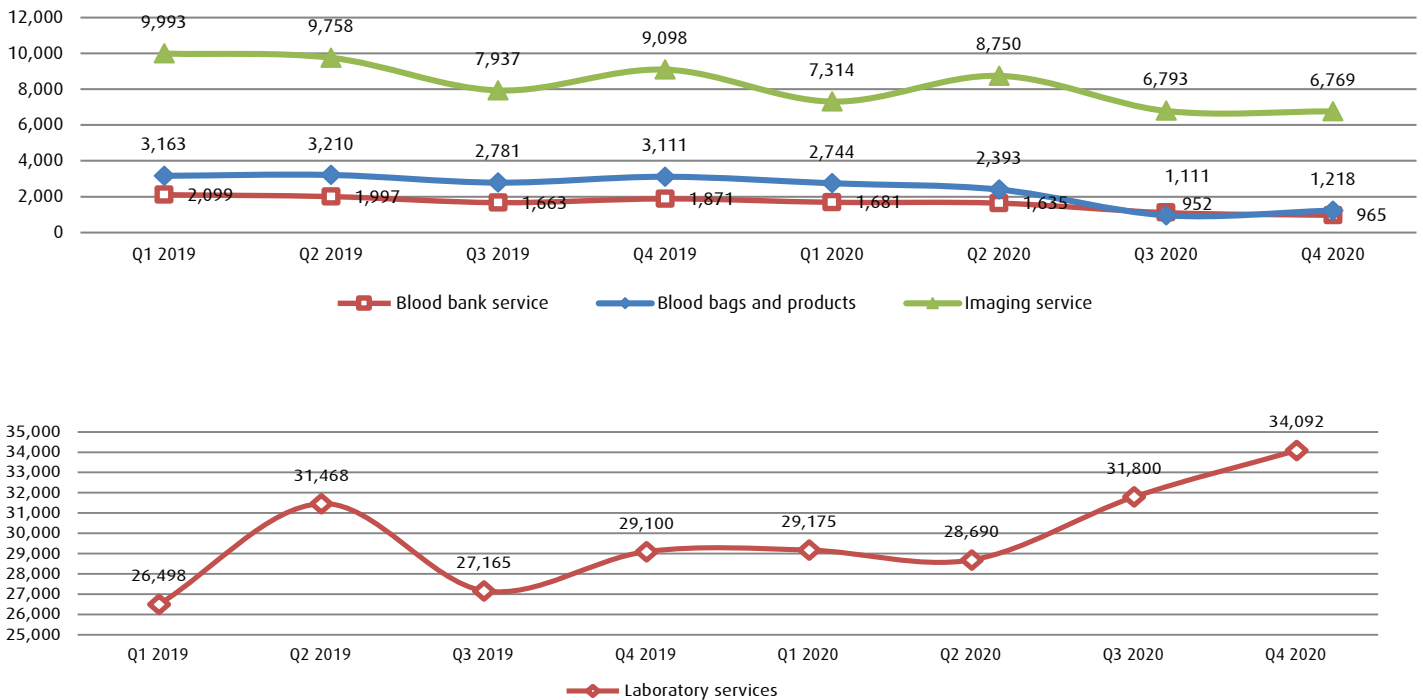
Figure 22: Trend analysis of outpatient and Inpatient in functional hospitals, per quarters



1.2. Laboratories, blood bank, and imaging services

- Laboratory services including public health laboratory (during 2019 = 114,231) (during 2020 = 123,757)
- Blood bank service (during 2019 = 7,630) (during 2020 = 5,392)
- Imaging service (X-Ray, ultrasound, CT Scanner, MRI, Mammography...etc.) (during 2019 = 36,786) (during 2020 = 29,626)

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

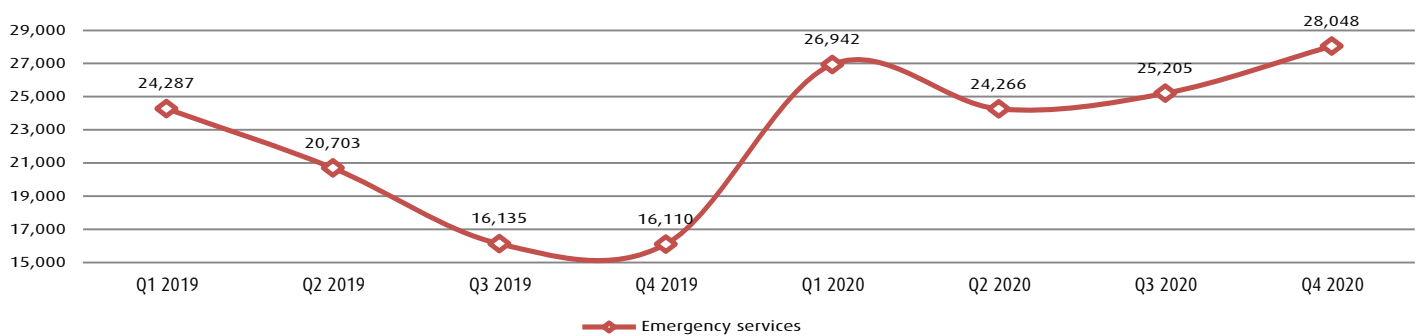


2. Surgical and Trauma care

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 (during 2019 = 77,235) (during 2020 = 104,461)

Figure 24: Trend analysis of number of reported cases in emergency department in functional hospitals, per quarters



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)(during 2020 = 9,140)

* Elective surgery (including but not limited to full surgical wound care) (during 2019 = 22,506)(during 2020 = 18,788)

Figure 25: Percentage of total emergency surgeries to elective surgeries in functional hospitals, 4th Quarter 2020

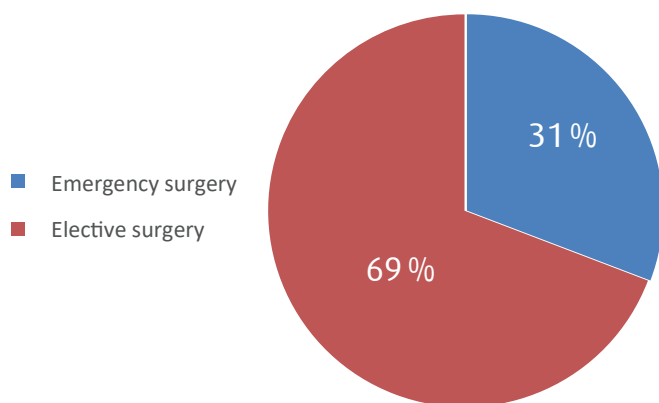
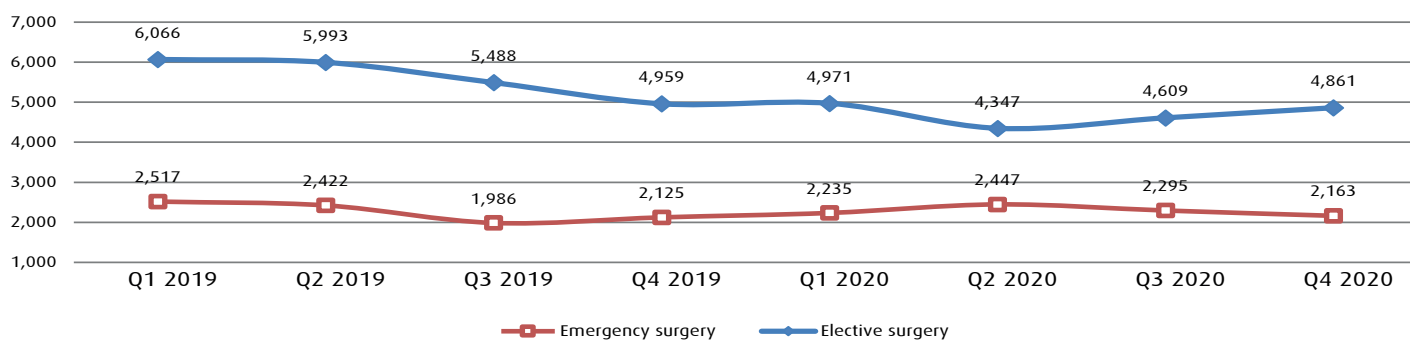


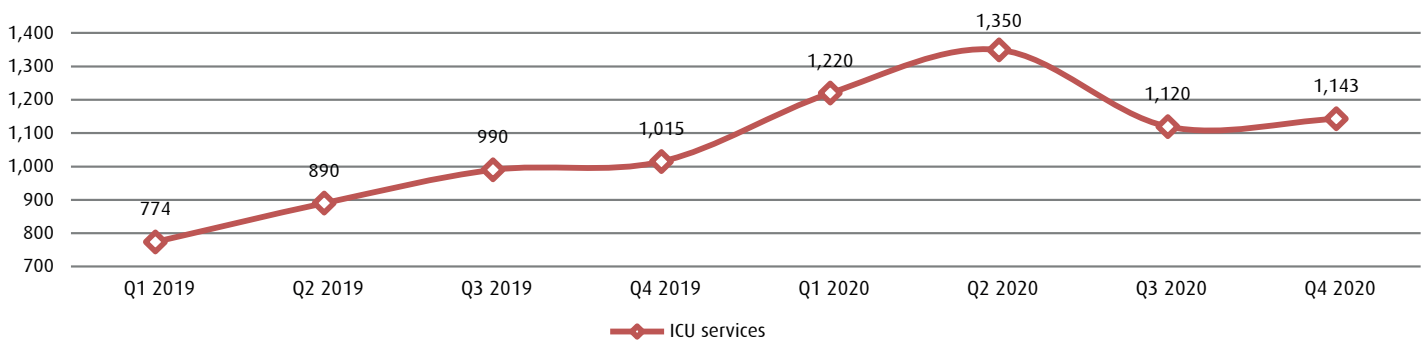
Figure 26: Trend analysis of number of patients received emergency surgeries and elective surgeries in functional hospitals, per quarters



2.3. ICU services:

(during 2019 = 3,669) (during 2020 = 4,833)

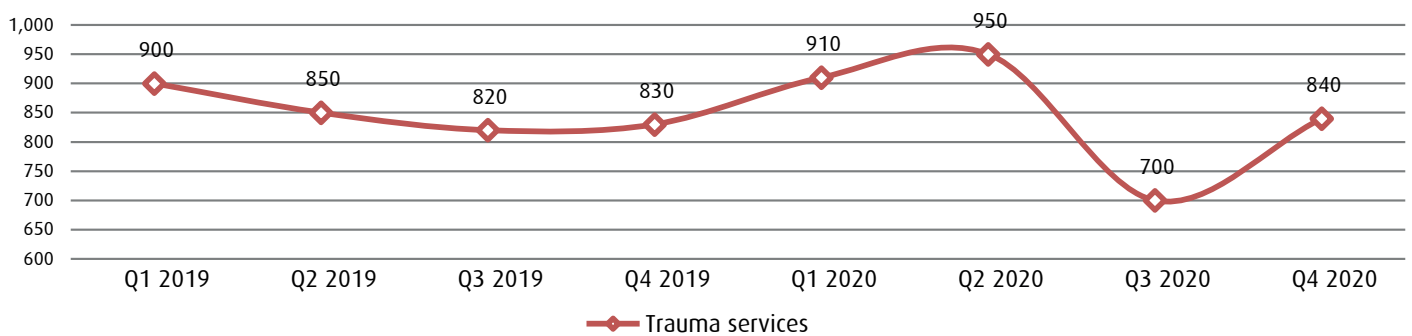
Figure 27: Trend analysis of number of patients received ICU services in functional hospitals, per quarters



2.4. Trauma services:

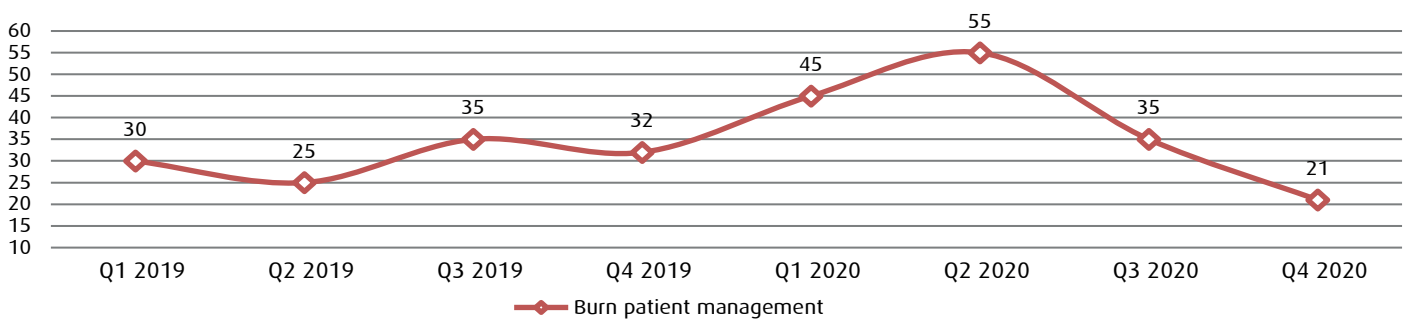
Orthopedic/trauma ward for advanced orthopedic (during 2019 = 3,400) (during 2020 = 3,400)

Figure 28: Trend analysis of number of patients received trauma services in public hospitals, per quarters



2.5. Burn patient management:
(during 2019 = 122) (during 2020 = 156)

Figure 29: Trend analysis of number of patients received burn patient management in functional hospitals, per quarters



3. Maternal health services

3.1. Caesarean sections and normal deliveries

normal deliveries (during 2019 = 4,049) (during 2020 = 4,990)
caesarean sections (during 2019 = 12,568) (during 2020 = 13,800)

Figure 30: Percentage of caesarean sections to normal deliveries in functional hospitals, 4th Quarter 2020

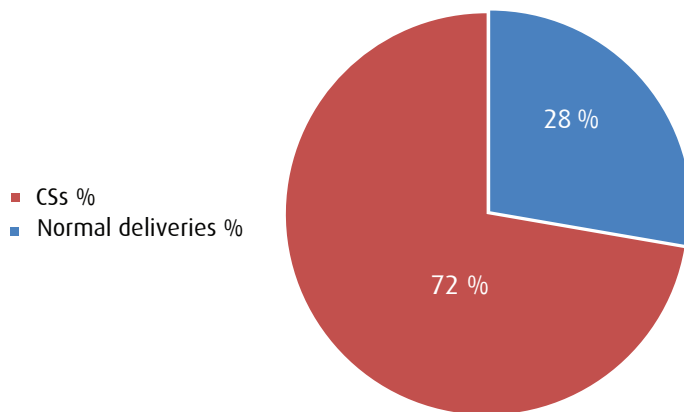
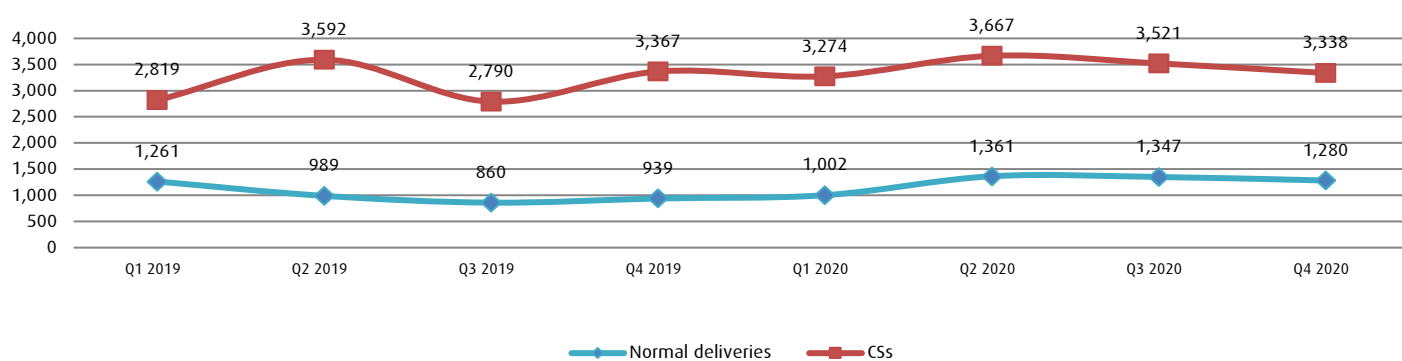


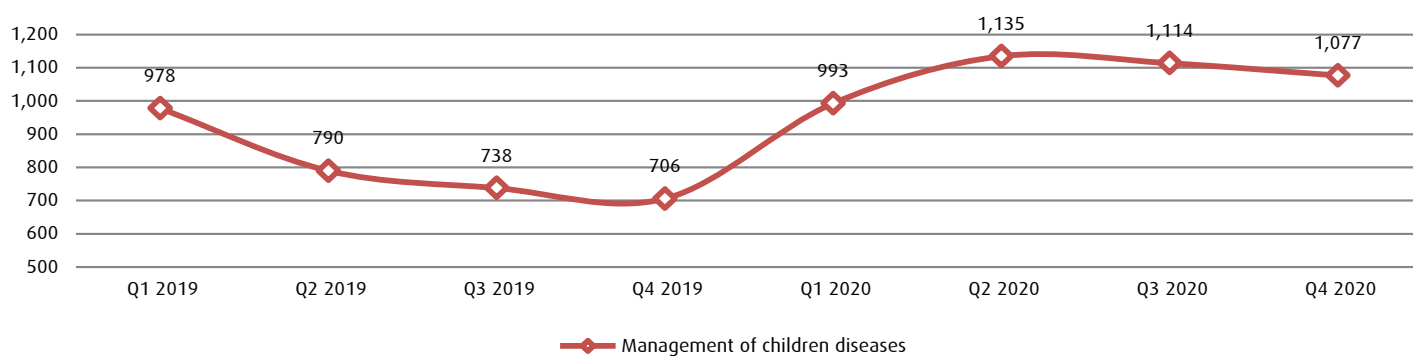
Figure 31: Trend analysis of the monthly numbers of normal deliveries vs. caesarean sections in functional hospitals, per quarters



4. Child health

Management of children classified with severe or very severe diseases (parenteral fluids and drugs, oxygen) (during 2019 = 3,212) (during 2020 = 4,319)

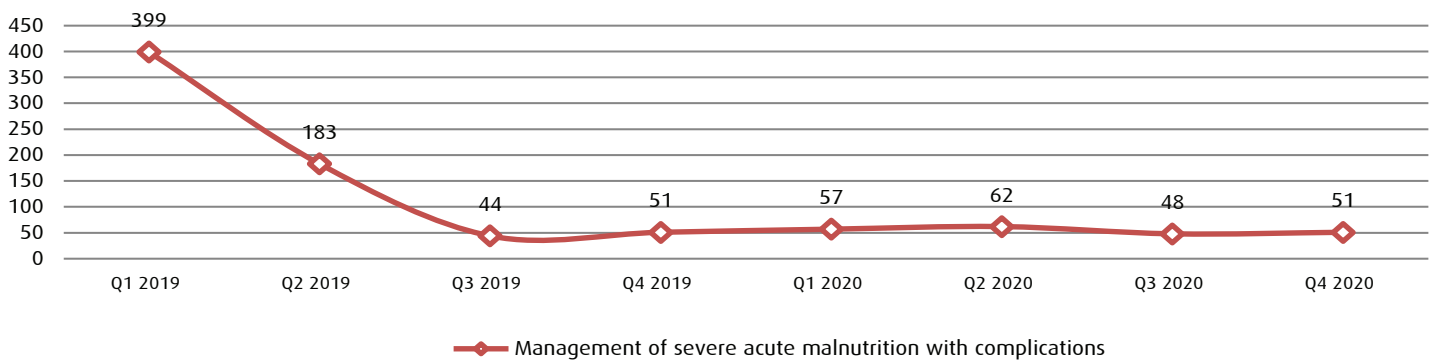
Figure 32: Trend analysis of reported cases of severe children diseases in functional hospitals, per quarters



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 (during 2019 = 677) (during 2020 = 218)

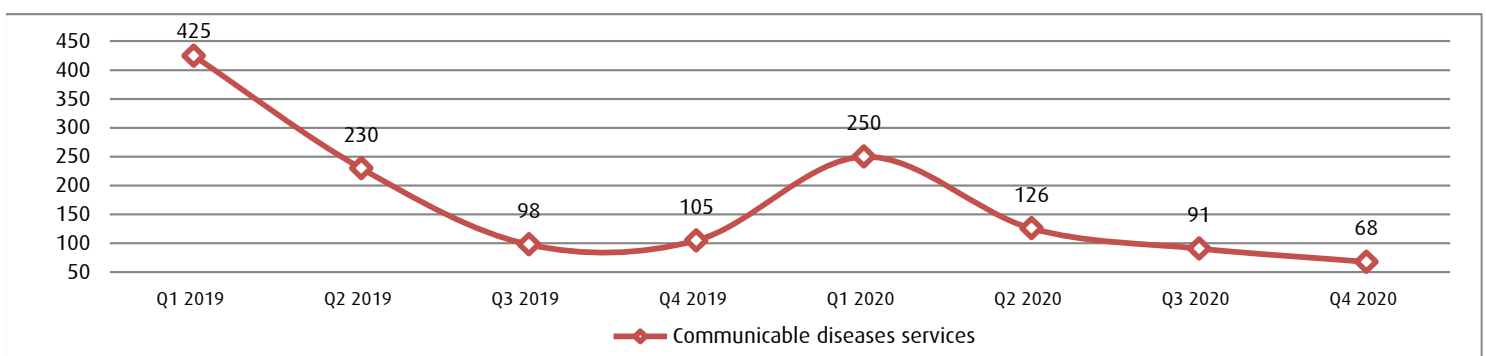
Figure 33: Trend analysis of number of children with severe acute malnutrition with complications in functional hospitals, per quarters



6. Communicable diseases services

Management of severe and/or complicated communicable diseases (such as meningitis, measles, SARI, others) communicable diseases services by governorate. (during 2019 = 858) (during 2020 = 535)

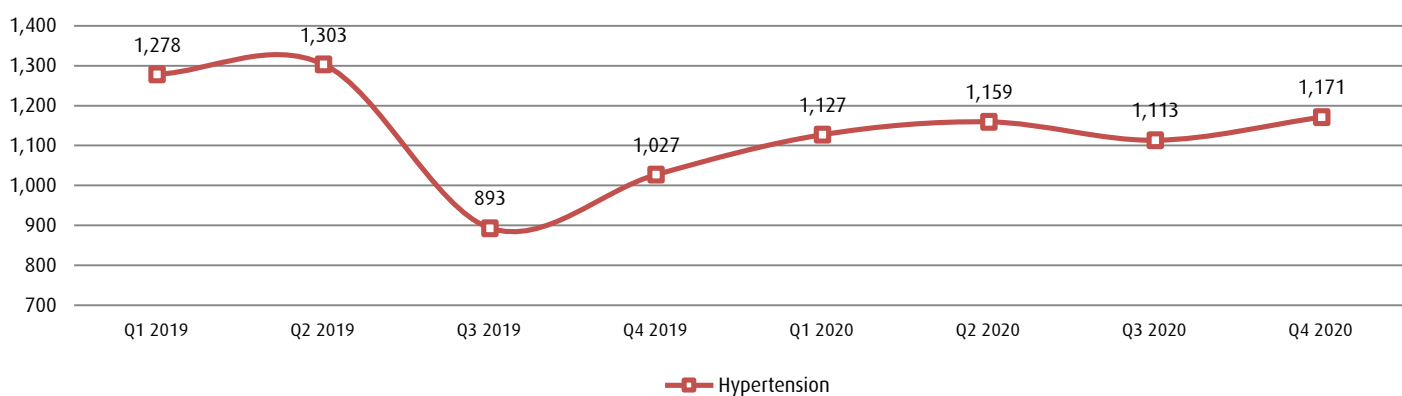
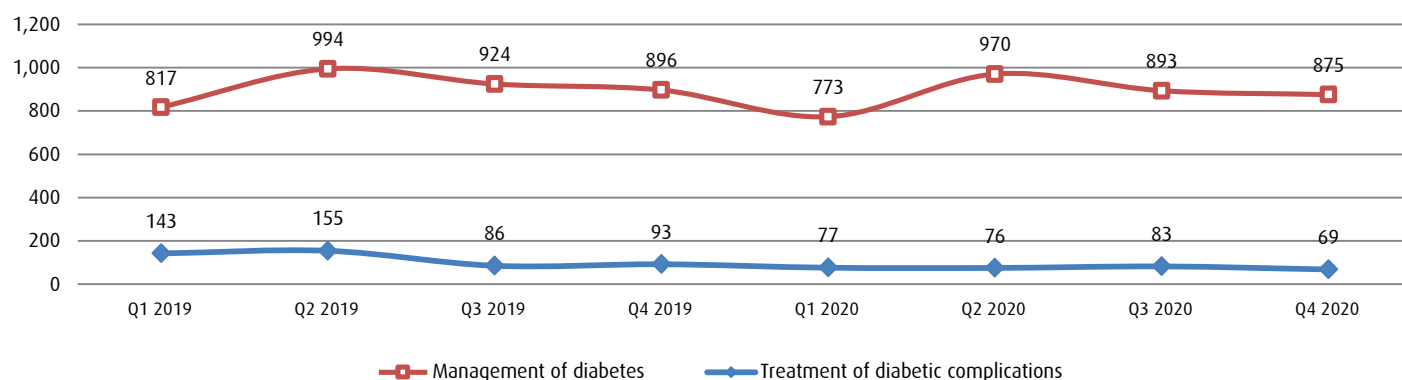
Figure 34: Trend analysis of number of patients received communicable diseases in public hospitals, per quarters

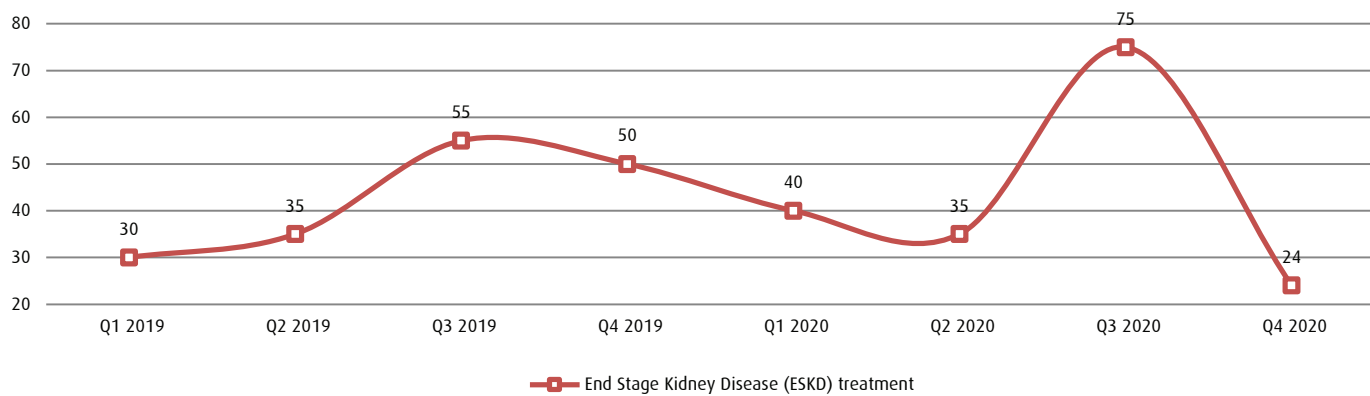
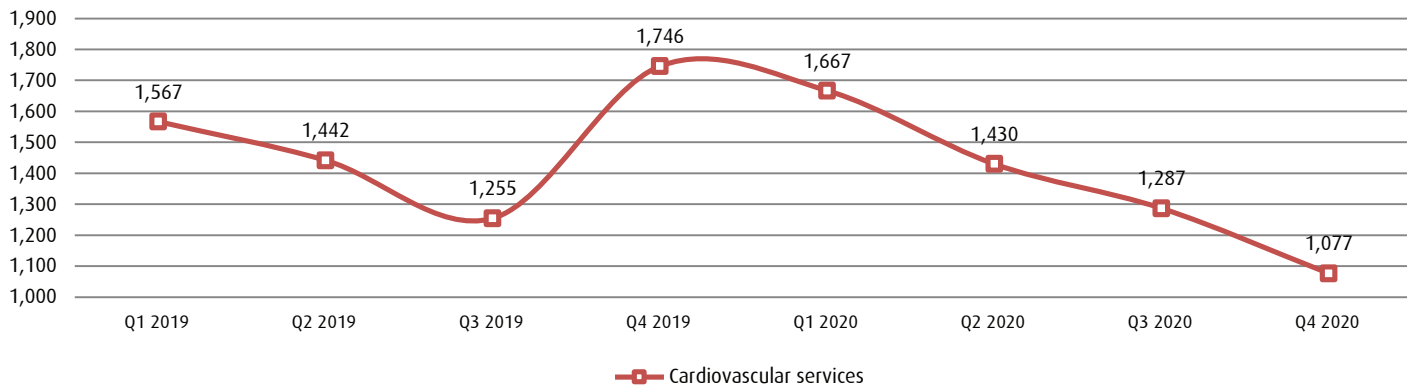


7. Noncommunicable diseases (NCDs)

- Management of diabetes (during 2019 = 3,631) (during 2020 = 3,511)
- Treatment of diabetic complications (Kidney failure, Diabetic retinopathy, Neuropathy Diabetes, Ft Diabetes ... etc.) (during 2019 = 477) (during 2020 = 305)
- Management of hypertension (during 2019 = 4,501) (during 2020 = 4,570)
- Management of cardiovascular diseases (during 2019 = 6,010) (during 2020 = 5,461)
- End Stage Kidney Disease (ESKD) treatment (during 2019 = 170) (during 2020 = 174)

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





9. 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, 4th Quarter 2020

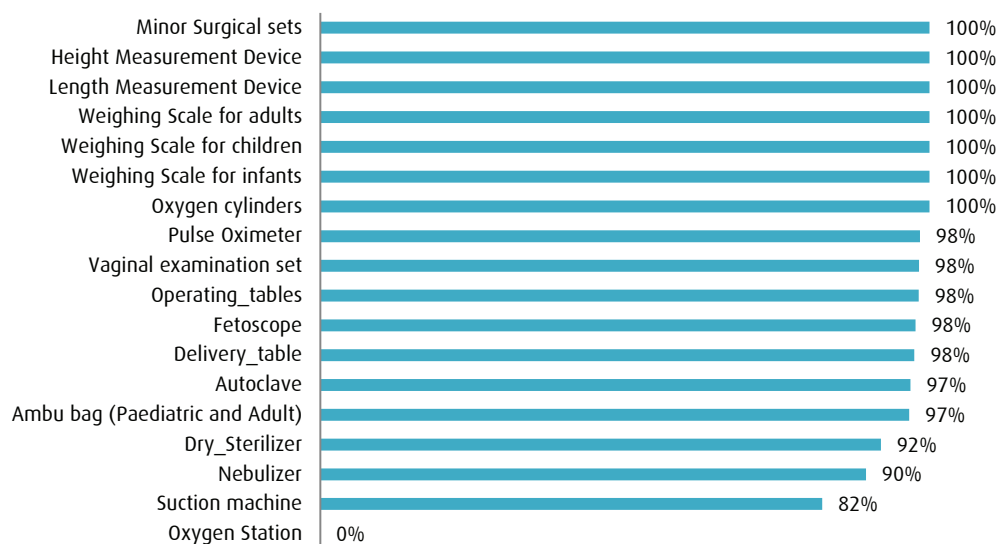
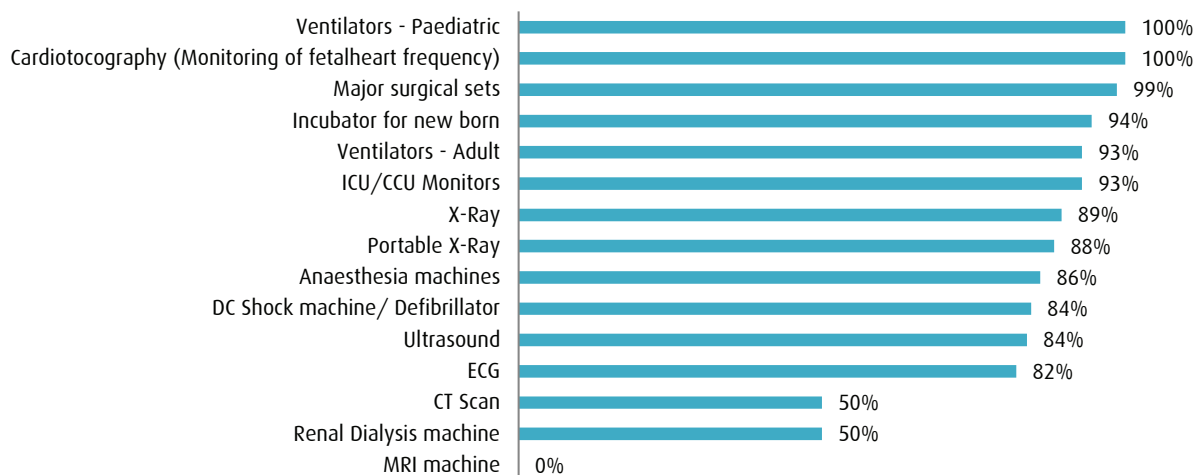


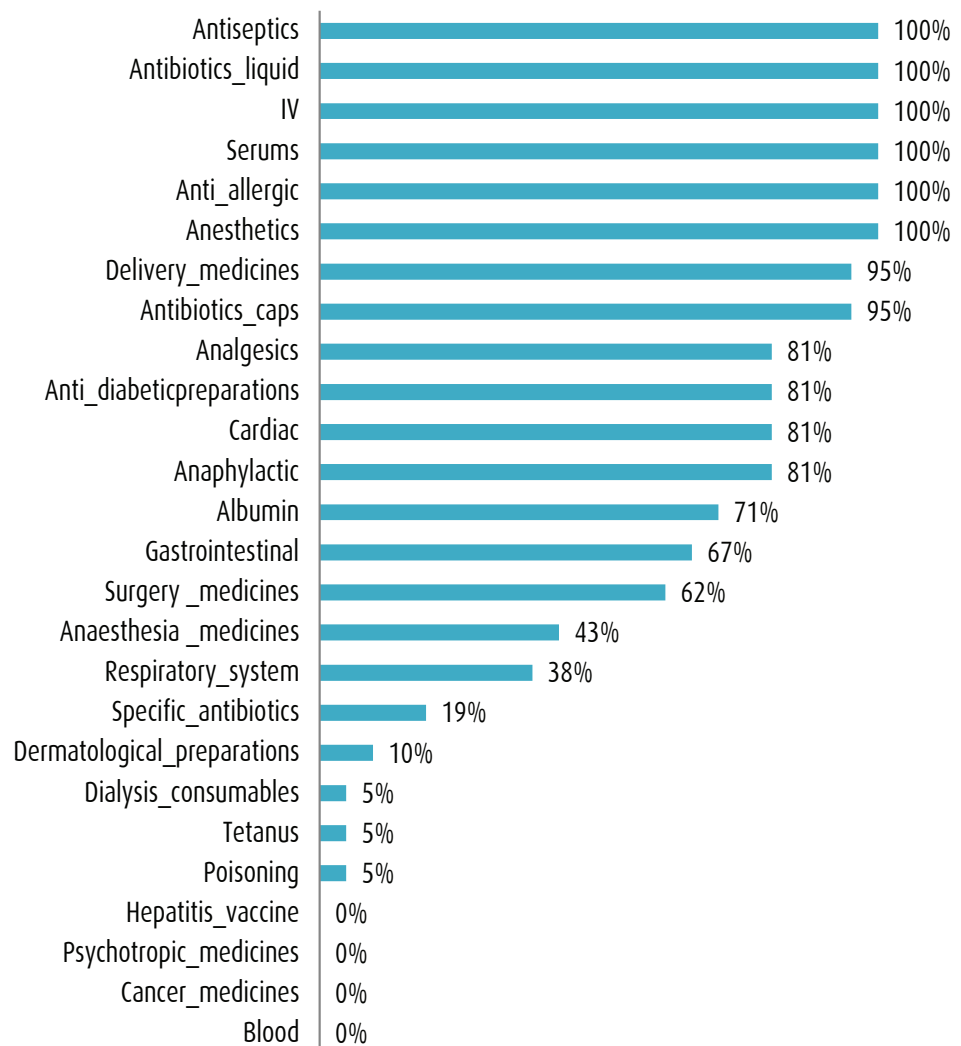
Figure 37: Percentage of functional specialized equipment/ total available equipment in functional hospitals, 4th Quarter 2020



10. 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, 4th Quarter 2020



11. List of private hospitals in Al-Hasakeh governorate, HeRAMS 4th Quarter 2020

#	Hospital_Name_Ar	Hospital_Name_En	Governorate	City	Hospital_Type	Functionality	Accessible	Level of damage	Consultations (during Q4 2020)	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										
2	السلام	Alsalam Hospital in Ra's Al-Ein	Al-Hasakeh	Ras Al Ain	General	Non-functioning	No	Not damaged										
3	الجزيرة	Aljazera Hospital in Ra's Al-Ein	Al-Hasakeh	Ras Al Ain	General	Non-functioning	No	Not damaged										
4	الحكمة	AlhekmeH Hospital in Al-Hasakeh	Al-Hasakeh	Al-Hasakeh	General	Partially Functioning	Yes	Not damaged	5,600	40	7	2	38	2	0	0	125	6
5	النجمة	AlnagmeH Hospital in Al-Hasakeh	Al-Hasakeh	Al-Hasakeh	General	Partially Functioning	Yes	Not damaged	575	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	375	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	755	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	5,355	51	7	2	25	0	0	0	77	2
9	النور	Alnour Hospital in Al-Qamishli	Al-Hasakeh	Qamishli	General	Partially Functioning	Yes	Not damaged	875	60	10	1	19	1	0	0	16	1
10	الرحمة	Alrahme Hospital in Al-Qamishli	Al-Hasakeh	Qamishli	General	Partially Functioning	Yes	Not damaged	1,225	20	0	1	22	0	0	0	11	0
11	السلام	Alsalam Hospital in Al-Qamishli	Al-Hasakeh	Qamishli	General	Partially Functioning	Yes	Not damaged	2,220	22	0	1	23	1	0	0	20	3
12	نافذ	Nafez Hospital in Al-Qamishli	Al-Hasakeh	Qamishli	General	Partially Functioning	Yes	Not damaged	750	10	0	0	23	0	0	0	10	0
13	فرمان	Ferman Hospital in Al-Qamishli	Al-Hasakeh	Qamishli	General	Partially Functioning	Yes	Not damaged	1,250	20	0	1	23	0	0	0	11	0
14	دار الشفاء	Dar alshifa Hospital in Al-Qamishli	Al-Hasakeh	Qamishli	General	Partially Functioning	Yes	Not damaged	435	17	0	0	18	0	0	0	20	4
15	امل	Al-Amal Hospital in Al-Qamishli	Al-Hasakeh	Qamishli	General	Partially Functioning	Yes	Not damaged	475	27	3	0	11	0	0	0	13	4
16	الكندي	Alkindi Hospital in Al-Qamishli	Al-Hasakeh	Qamishli	General	Partially Functioning	Yes	Not damaged	1,900	20	0	1	11	0	0	0	22	3
17	الكلمة	Alkaleme Hospital in Al-Qamishli	Al-Hasakeh	Qamishli	General	Partially Functioning	Yes	Not damaged	1,180	22	2	2	18	0	0	0	20	4
18	الرازي	Alrazi Hospital in Al-Qamishli	Al-Hasakeh	Qamishli	General	Partially Functioning	Yes	Not damaged	120	20	0	0	9	0	0	0	12	0
19	سليمان صالح	Souliman Saleh Hospital in Al-Malikiye	Al-Hasakeh	Al-Malikiyyeh	General	Partially Functioning	Yes	Not damaged	95	10	0	0	12	0	0	0	4	1
20	سليم	Saleem Hospital in Al-Malikiye	Al-Hasakeh	Al-Malikiyyeh	General	Partially Functioning	Yes	Not damaged	1,600	8	0	0	13	0	0	0	4	0
21	السلام	Alsalam Hospital in Al-Malikiye/Maabada	Al-Hasakeh	Maabada	General	Partially Functioning	Yes	Not damaged	1,375	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	8,608	21	0	2	12	0	0	0	21	8
23	داري	Dari Hospital in Al-Qamishli/Amouda	Al-Hasakeh	Amuda	General	Partially Functioning	Yes	Not damaged	820	20	0	0	23	0	0	0	16	2
24	العلي	Al-Ali Hospital in Ra's Al-Ein/Alderbasia	Al-Hasakeh	Darbasiyah	General	Partially Functioning	Yes	Not damaged	580	15	0	1	13	0	0	0	9	3

