



Zaatari Health Information System

Summary Report

Fourth Quarter 2022

I. Introduction

Health information system (HIS) has been implemented in Zaatari camp since the end of 2012. The report for the fourth quarter of 2022 covers the period 01 October to 30 December 2022 (Week 40 – Week 52). It includes data from all health facilities in Zaatari camp reporting on HIS on weekly basis including seven clinics, one emergency room and one maternity center. This includes IMC emergency room, IMC Comprehensive Clinic, IMC Mental Health Clinic, Qatari Clinic, Saudi Clinic, IRC Clinic, SAMS Clinic, AMR Clinic, and JHAS Maternity Center. The population figure used for calculating indicators is the median for the reporting period; 82,636.

II. Mortality

During the fourth quarter of 2022, 37 mortalities were reported from Zaatari camp with a Crude Mortality Rate (CMR) of (0.1/1,000 population/month; 1.8/1,000 population/year). This is comparable to the first, second and third quarters of 2022 (2.2/1,000 population/year, 1.6/1,000 population/year, and 1.2/1000 population/year respectively). Nevertheless, the rate is lower compared to the reported CMR in Jordan in 2021 according to the Department of Statistics (0.50/1,000 population/month; 6.0/1,000 population/year)¹.

Among the 37 deaths, 8 (22%) were in children under 5, of which 7 were neonatal with a neonatal mortality rate (NNMR) of 10.2/1,000 livebirths. This is comparable to the NNMR is the first, second and third quarters of 2022 (10.4/1,000 livebirths, 6.3/1,000 livebirths and 9.2/1,000 livebirths respectively).

Cardiovascular diseases and neonatal deaths, were the top causes of mortality with proportional mortalities of 27% and 19% respectively.

Mortalities reported on HIS are obtained from Zaatari Camp Central Death Registry which includes deaths that took place inside the camp and deaths at referral health facilities outside the camp. Nevertheless, the system does not capture death cases that occur out of the camp who have not followed the usual referral pathways.

III. Morbidity

The health facilities in Zaatari camp with outpatient department (OPD) activities operated on average 5.5 days per week. On each day the health facilities were functioning, there were approximately 33.6 full time clinicians covering the OPD with a rate of 31 consultations per clinician per day and is within the acceptable standard (<50 consultations per clinician per day). The rate is slightly lower compared to the first, second and third quarters (39, 38 and 41 consultations per clinician per day respectively).

¹ Jordan Statistical Yearbook 2021 – Department of Statistics

1. **Acute health conditions**

Twenty-six alerts were investigated during the reporting period for diseases of outbreak potential including watery diarrhea, bloody diarrhea, acute jaundice syndrome, suspected measles and suspected meningitis. In addition, trends of COVID-19 cases in the camp were continuously monitored.

Upper respiratory tract infections (URTI), urinary tract infections (UTI), and dental conditions were the main reasons to seek medical care for an acute health condition with proportional morbidities of 37%, 7% and 6% respectively.

2. **Chronic health conditions**

Hypertension, diabetes and asthma were the main reasons to seek medical care for a chronic health condition with proportional morbidities of 24%, 23% and 10% respectively.

3. **Mental health conditions**

Mental health consultations accounted for 2.3% of total OPD consultations. Moderate-severe emotional disorders and epilepsy/seizures were the two main reasons to seek mental health care during the reporting period.

4. **Injuries**

Consultations for injuries accounted for approximately 3.8% of total OPD consultations.

IV. Inpatient Department Activities (In-Camp)

Inpatient department activities are conducted by JHAS/UNFPA maternity center in Zaatari camp. 692 new inpatient admissions were reported with a bed occupancy rate of 80% and a hospitalization rate of (2.8/1,000 population/month; 33.5/1,000 population/year). All admissions were obstetric admissions.

V. Referrals (Out-of-Camp)

Total referrals to hospitals outside the camp were 3,596 with a referral rate of 14.5/1,000 population/month. Referrals for children under 5 and obstetric referrals accounted for 14.6% and 16% of total referrals respectively. 51.3% of referrals were to private-affiliated hospitals.

VI. Reproductive Health

1. **Antenatal care**

1,809 pregnant women were reported to have made their first antenatal care (ANC) visit, of which only 58% of those were reported to have made the visit during the first trimester. The number of reported first ANC visits during the fourth quarter of 2022 is higher than the number of deliveries during the same period and can be attributed to women accessing antenatal care in multiple locations and thus being reported more than once.

2. **Delivery care**

Reported coverage of complete antenatal care at time of delivery (4 or more ANC visits, tetanus vaccination and anemia screening) is 100% and is above the acceptable standard of ≥90% for the three coverage indicators.

689 live births were reported with a crude birth rate of 2.8/1,000 population/month. 31% of all deliveries were performed by caesarian section.

3. **Postnatal care**

Postnatal care (PNC) coverage during the reporting period is 67%. PNC coverage is more reflective as a bi-annual and annual figure.