## 1. eHealth Kerala - Vital Statistics

| Hospital Type | Live Institutions |
|---|---|
| Family Health Centre | 44 |
| Urban Primary Health Centre | 5 |
| Taluk Headquarters Hospital | 2 |
| Medical College Hospital | 1 |
| Public Health Laboratory | 1 |
| Specialty Hospital - Women Children | 1 |
| **Total** | **54** |

## 2. eHealth - District Ranking Matrix Based on Performance of all Institutions (except Medical Colleges)

The ranking matrix showcase the district performance in providing eHealth services through all institutions (except Medical Colleges) based on six different parameters. These parameters include whether the reception module is started or not, UHID Visits, Doctor Consultation, Pharmacy Prescriptions by doctors, Percentage of lab orders through doctors and number of Live Institutions. Based on the ranking, the districts are classified into three broad categories, the best performing districts, the average performing districts and the low performing districts.

The best performing districts should strive to continue to remain in the same position, whereas the average performing as well as the low performing districts should strive to reach to the 'top four' league.

The ranking matrix for the current month October '23 along with previous two months are as given in the table .

| District | August | September | October |
|---|---|---|---|
| WAYANAD | 1 | 1 | 1 |
| PATHANAMTHITTA | 2 | 2 | 2 |
| IDUKKI | 3 | 3 | 3 |
| PALAKKAD | 6 | 3 | 3 |
| KANNUR | 7 | 5 | 4 |
| KOTTAYAM | 7 | 5 | 4 |
| MALAPPURAM | 10 | 5 | 4 |
| ALAPPUZHA | 6 | 6 | 5 |
| KOLLAM | 5 | 5 | 5 |
| THRISSUR | 4 | 4 | 5 |
| KASARAGOD | 9 | 8 | 6 |
| KOZHIKODE | 8 | 7 | 6 |
| THIRUVANANTHAPURAM | 7 | 7 | 6 |
| ERNAKULAM | 10 | 9 | 7 |

■ Best performing
■ Average performing
■ Low performing

## 3. eHealth - Institution Level Ranking (except Medical Colleges)

| Hospital | Rank |
|---|---|
| Family Health Centre Athanikkal | 1 |
| Family Health Centre Chokkad | 1 |
| Family Health Centre Moorkkanad | 1 |
| Family Health Centre Pulikkal | 1 |
| Family Health Centre A R Nagar | 2 |
| Family Health Centre Morayur | 2 |
| Family Health Centre Thirunavaya | 2 |
| Family Health Centre Chelembra | 3 |
| Family Health Centre Elamkulam | 3 |
| Family Health Centre Karulai | 3 |
| Family Health Centre Vazhikkadavu | 3 |
| Family Health Centre Koottayi | 4 |
| Family Health Centre Parappanangadi | 4 |
| Family Health Centre Ponmala | 4 |
| Family Health Centre Thazhekode | 4 |
| Block Family Health Centre Thiruvali | 5 |
| Family Health Centre Kottakkal | 5 |
| Family Health Centre Moonniyur | 5 |
| Family Health Centre Porur | 5 |
| Family Health Centre Thalakkad | 5 |
| Family Health Centre Thanalur | 5 |
| Urban Primary Health Centre Perinthalmanna | 5 |
| Urban Primary Health Centre Vettekode | 5 |
| Family Health Centre Chaliyar | 6 |
| Family Health Centre Kaladi | 6 |
| Family Health Centre Nannambra | 6 |
| Family Health Centre Ozhur | 6 |
| Urban Primary Health Centre Biyyam | 6 |
| Family Health Centre Cherukavu | 7 |
| Family Health Centre Marakkara | 7 |
| Family Health Centre Pang | 7 |
| Family Health Centre Thrikkalangode | 7 |
| Family Health Centre Vattamkulam | 7 |
| Family Health Centre Alamkode | 8 |
| Family Health Centre Chemmalassery | 8 |
| Family Health Centre Vazhayoor | 8 |
| Urban Primary Health Centre Mangalassery | 8 |

| Hospital | Rank |
|---|---|
| Family Health Centre Thuvvur | 13 |
| Family Health Centre Odakkayam | 13 |
| Family Health Centre Valavannur | 12 |
| Taluk Head Quarters Hospital Tirurangadi | 12 |
| Family Health Centre Pandikkad | 11 |
| Family Health Centre Vazhakkad | 11 |
| Family Health Centre Edayur | 10 |
| Family Health Centre Kuzhimanna | 10 |
| Family Health Centre Triprangode | 10 |
| Taluk Head Quarters Hospital Malappuram | 10 |
| Women And Childrens Hospital Ponnani | 10 |
| Family Health Centre Veliyancode | 9 |
| Family Health Centre Alamkode | 8 |
| Family Health Centre Chemmalassery | 8 |
| Family Health Centre Vazhayoor | 8 |
| Urban Primary Health Centre Mangalassery | 8 |
| Urban Primary Health Centre Nilambur | 8 |
| Family Health Centre Cherukavu | 7 |
| Family Health Centre Marakkara | 7 |
| Family Health Centre Pang | 7 |
| Family Health Centre Thrikkalangode | 7 |
| Family Health Centre Vattamkulam | 7 |
| Family Health Centre Chaliyar | 6 |
| Family Health Centre Kaladi | 6 |
| Family Health Centre Nannambra | 6 |
| Family Health Centre Ozhur | 6 |
| Urban Primary Health Centre Biyyam | 6 |
| Block Family Health Centre Thiruvali | 5 |
| Family Health Centre Kottakkal | 5 |
| Family Health Centre Moonniyur | 5 |
| Family Health Centre Porur | 5 |
| Family Health Centre Thalakkad | 5 |
| Family Health Centre Thanalur | 5 |
| Urban Primary Health Centre Perinthalmanna | 5 |
| Urban Primary Health Centre Vettekode | 5 |
| Family Health Centre Koottayi | 4 |
| Family Health Centre Parappanangadi | 4 |

## 3.1 eHealth Performance - Reception Module

Reception Module is considered to be functional in an institution only if the number of total visits for the month is of minimum 500.
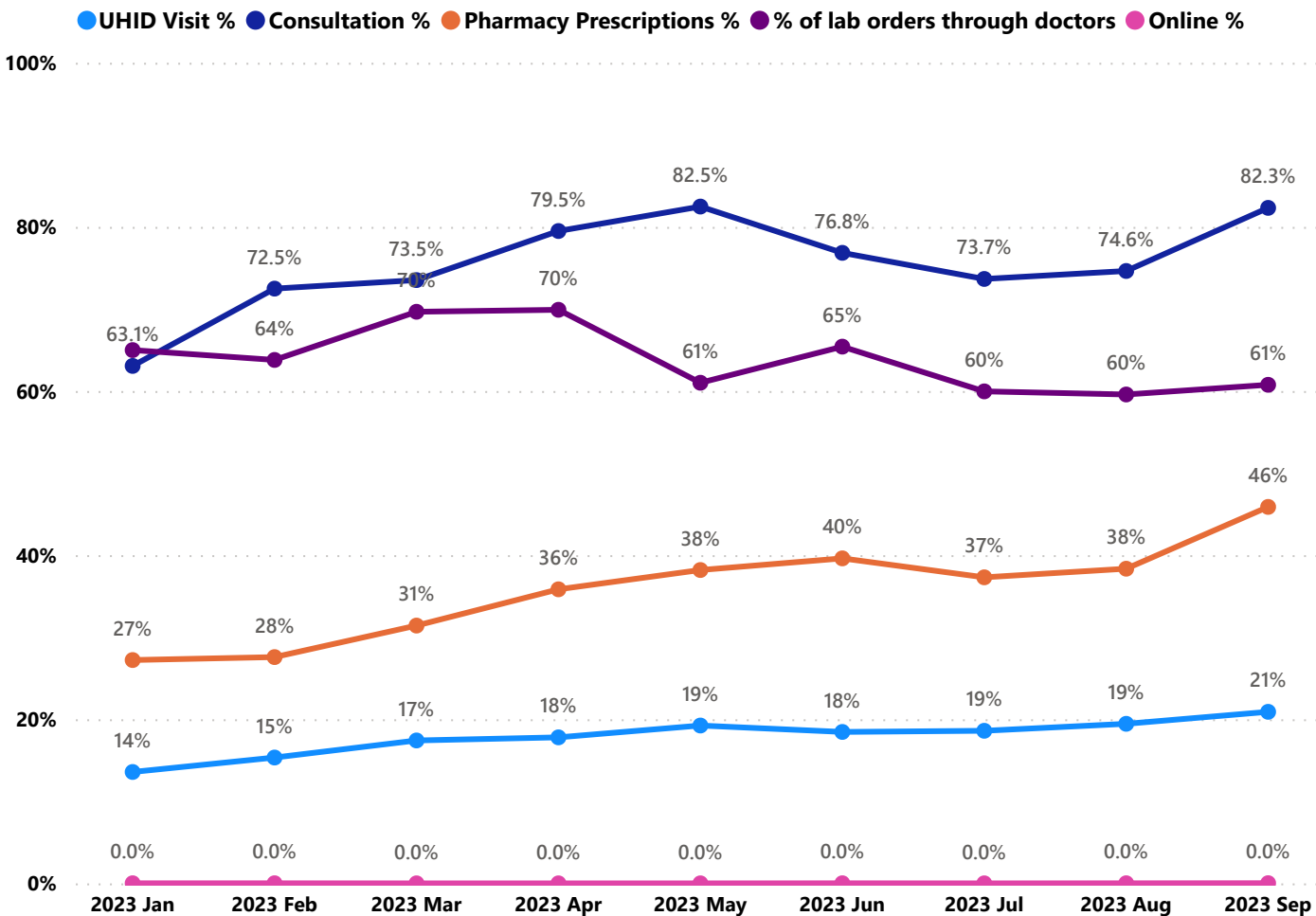
| District | Institution Count | Institutions with Reception | % of institutions with Reception ▼ |
|---|---|---|---|
| WAYANAD | 17 | 17 | 100.00% |
| PALAKKAD | 44 | 43 | 97.73% |
| IDUKKI | 20 | 19 | 95.00% |
| KANNUR | 39 | 37 | 94.87% |
| PATHANAMTHITTA | 19 | 18 | 94.74% |
| MALAPPURAM | 53 | 50 | 94.34% |
| THIRUVANANTHAPURAM | 102 | 96 | 94.12% |
| KASARAGOD | 23 | 21 | 91.30% |
| ALAPPUZHA | 31 | 28 | 90.32% |
| KOLLAM | 30 | 27 | 90.00% |
| THRISSUR | 69 | 60 | 86.96% |
| KOZHIKODE | 54 | 46 | 85.19% |
| KOTTAYAM | 31 | 26 | 83.87% |
| ERNAKULAM | 49 | 36 | 73.47% |

Institutions where the reception module is either not started or not using

| Hospital Name ▼ |
|---|
| FAMILY HEALTH CENTRE TRIPPANACHI |
| FAMILY HEALTH CENTRE PALAPPETTY |
| DISTRICT PUBLIC HEALTH LABORATORY MALAPPURAM |

## 3.2 e-Health Performance Trend



- **UHID Visit %**
- **Consultation %**
- **Pharmacy Prescriptions %**
- **% of lab orders through doctors**
- **Online %**

| | 2023 Jan | 2023 Feb | 2023 Mar | 2023 Apr | 2023 May | 2023 Jun | 2023 Jul | 2023 Aug | 2023 Sep |
|---|---|---|---|---|---|---|---|---|---|
| Consultation % | 63.1% | 72.5% | 73.5% | 79.5% | 82.5% | 76.8% | 73.7% | 74.6% | 82.3% |
| % of lab orders through doctors | 63.1% | 64% | 70% | 70% | 61% | 65% | 60% | 60% | 61% |
| Pharmacy Prescriptions % | 27% | 28% | 31% | 36% | 38% | 40% | 37% | 38% | 46% |
| UHID Visit % | 14% | 15% | 17% | 18% | 19% | 18% | 19% | 19% | 21% |
| Online % | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |

- **UHID Visit % is calculated as (UHID Visits / Total Visit ) *100**

- **Consultation % is calculated as (Doctor Consultation / OP Visits ) *100**

- **Pharmacy % is calculated as (Pharmacy Prescriptions/ Total OP Visits ) *100**

- **Lab % is calculated as ( Lab orders given by doctors/Total Lab Orders ) *100**

- **Online % is calculated as ( Online appointments via web portal/Total OP Visits ) *100**

## 3.3 e-Health Performance Indicators
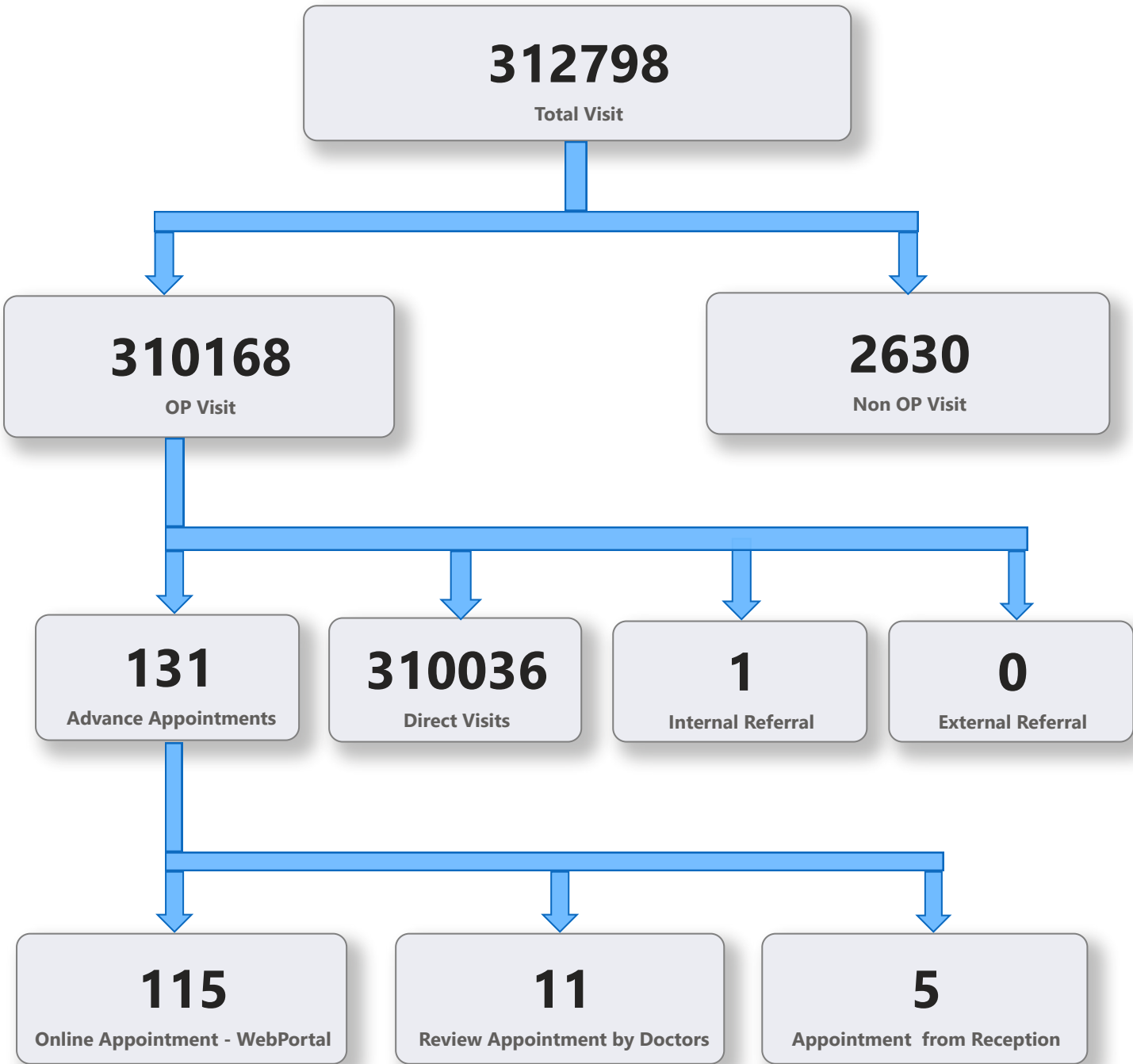
Institutions with atleast 100 UHID visits are listed here.

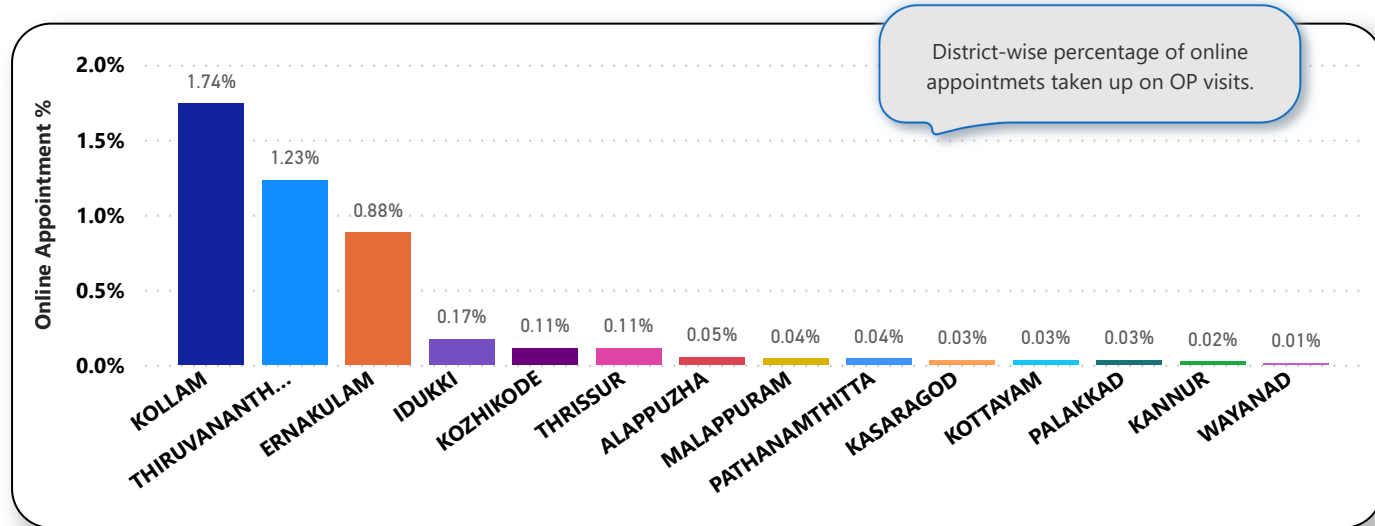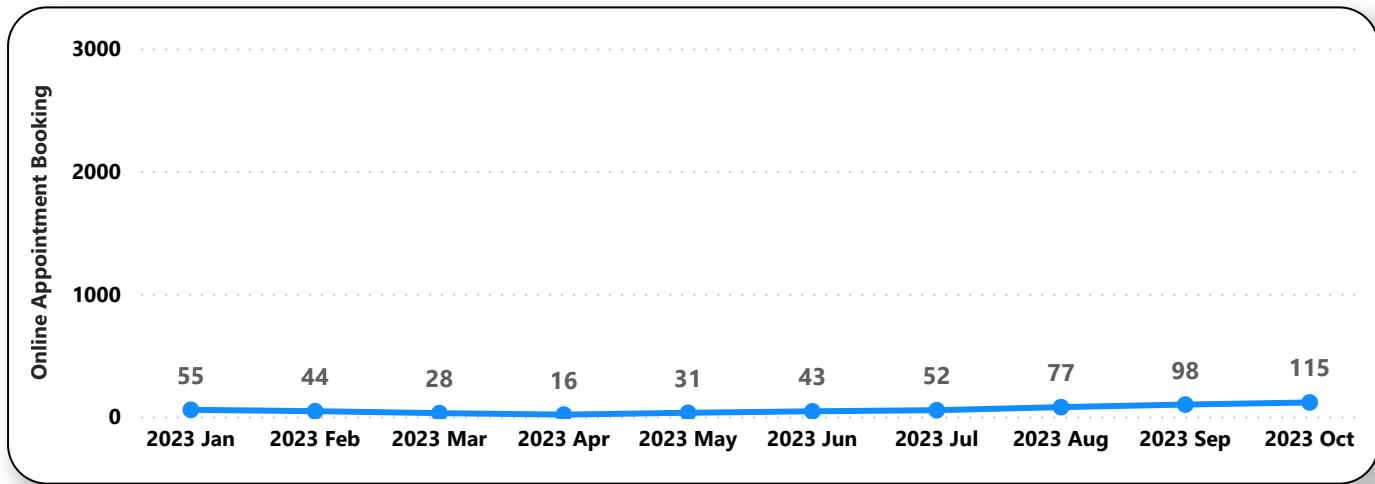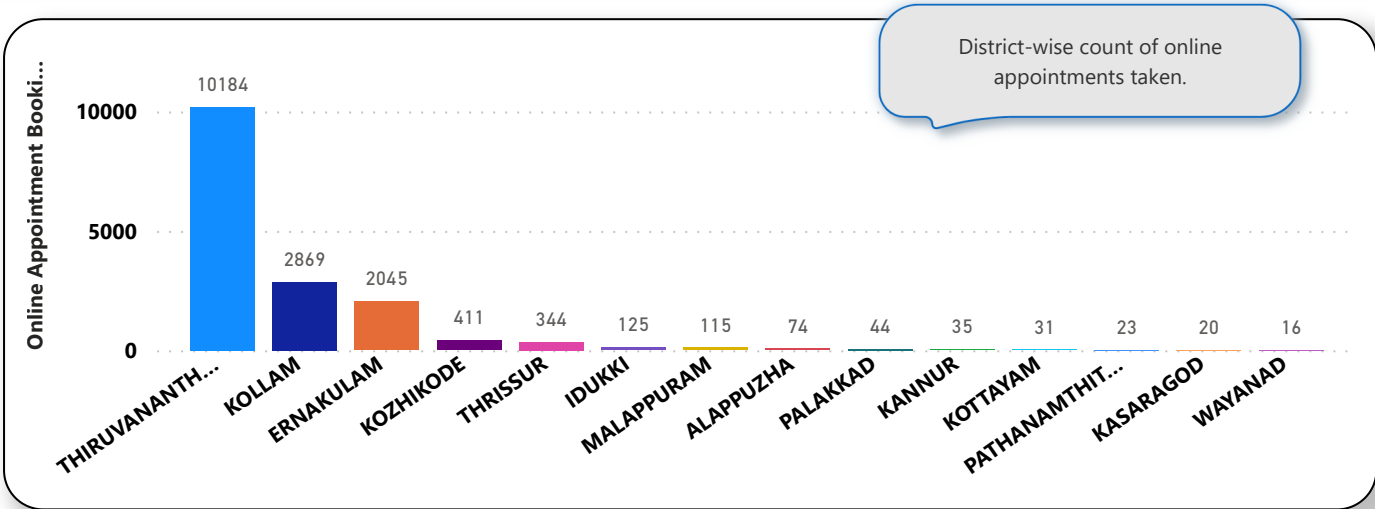| Hospital | UHID Visit % | Consultation % | Pharmacy Prescriptions % | % of Lab Orders given by Doctors |
|---|---|---|---|---|
| Family Health Centre Moorkkanad | 80.03% | 99.03% | 95.36% | 100.00% |
| Family Health Centre Pulikkal | 78.00% | 99.56% | 95.31% | 100.00% |
| Family Health Centre Porur | 68.33% | 63.25% | 53.59% | 48.21% |
| Family Health Centre Elamkulam | 67.91% | 90.07% | 59.33% | 46.42% |
| Family Health Centre Chokkad | 65.27% | 98.26% | 92.78% | 50.20% |
| Family Health Centre Athanikkal | 62.55% | 94.83% | 91.97% | 93.73% |
| Family Health Centre Chelembra | 61.75% | 89.28% | 67.40% | 72.83% |
| Family Health Centre Chaliyar | 57.99% | 59.15% | 47.47% | 56.76% |
| Family Health Centre Morayur | 54.96% | 97.86% | 90.36% | 64.26% |
| Family Health Centre Thirunavaya | 50.41% | 92.67% | 86.91% | 85.32% |
| Family Health Centre Kaladi | 43.01% | 87.77% | 5.44% | 17.74% |
| Family Health Centre A R Nagar | 40.15% | 99.75% | 89.04% | 82.07% |
| Family Health Centre Koottayi | 38.74% | 96.40% | 66.35% | 18.45% |
| Family Health Centre Chemmalassery | 34.72% | 63.55% | 18.05% | 100.00% |
| Family Health Centre Ponmala | 34.50% | 97.60% | 77.43% | 44.22% |
| Family Health Centre Edayur | 27.18% | 55.85% | 17.55% | 3.59% |
| Family Health Centre Karulai | 26.09% | 93.20% | 82.52% | 93.57% |
| Family Health Centre Nannambra | 23.61% | 94.24% | 5.80% | 100.00% |
| Family Health Centre Vazhikkadavu | 23.08% | 98.88% | 92.37% | 69.56% |
| Family Health Centre Thanalur | 22.44% | 77.85% | 73.70% | 92.43% |
| Family Health Centre Alamkode | 20.59% | 52.76% | 0.00% | 66.00% |
| Family Health Centre Thazhekode | 16.89% | 91.24% | 80.37% | 13.28% |
| Family Health Centre Pang | 15.36% | 77.89% | 55.80% | 67.04% |
| Family Health Centre Cherukavu | 13.24% | 97.06% | 2.40% | 92.59% |
| Family Health Centre Odakkayam | 12.54% | 42.99% | 13.64% | 0.00% |
| Family Health Centre Kuzhimanna | 11.19% | 98.12% | 0.00% | |
| Urban Primary Health Centre Vettekode | 10.10% | 94.78% | 75.33% | 18.61% |
| Family Health Centre Kottakkal | 9.79% | 97.95% | 65.21% | 92.39% |
| Family Health Centre Thuvvur | 9.52% | 35.60% | 2.99% | 0.63% |
| Family Health Centre Moonniyur | 7.82% | 84.34% | 83.46% | 98.65% |
| Family Health Centre Vattamkulam | 7.72% | 90.86% | 0.00% | 100.00% |
| Family Health Centre Marakkara | 7.22% | 85.99% | 53.45% | 65.00% |
| Urban Primary Health Centre Nilambur | 7.19% | 88.06% | 19.05% | 95.12% |
| Family Health Centre Parappanangadi | 6.33% | 99.28% | 93.76% | 79.88% |
| Urban Primary Health Centre Perinthalmanna | 4.53% | 93.04% | 61.21% | 71.19% |
| Family Health Centre Pandikkad | 3.23% | 77.84% | 12.10% | 2.20% |
| Family Health Centre Triprangode | 2.47% | 17.92% | 4.49% | 10.91% |
| Family Health Centre Valavannur | 1.01% | 63.04% | 20.33% | 0.00% |

## 4. Status of Modules Usage in Hospitals

District wise status of live institutions and the count of various modules [Reception, OP Consultation, Lab, Pharmacy] started / functional.

| District Name | Live Institutions | Reception | Consultation | Lab | Pharmacy |
|---|---|---|---|---|---|
| THIRUVANANTHAPURAM | 102 | 95 (93.1%) | 91 (89.2%) | 79 (77.5%) | 74 (72.5%) |
| THRISSUR | 69 | 60 (87.%) | 57 (82.6%) | 54 (78.3%) | 54 (78.3%) |
| KOZHIKODE | 54 | 44 (81.5%) | 35 (64.8%) | 35 (64.8%) | 35 (64.8%) |
| MALAPPURAM | 53 | 50 (94.3%) | 49 (92.5%) | 42 (79.2%) | 40 (75.5%) |
| ERNAKULAM | 49 | 38 (77.6%) | 33 (67.3%) | 21 (42.9%) | 16 (32.7%) |
| PALAKKAD | 44 | 43 (97.7%) | 40 (90.9%) | 33 (75.%) | 32 (72.7%) |
| KANNUR | 39 | 35 (89.7%) | 33 (84.6%) | 27 (69.2%) | 29 (74.4%) |
| ALAPPUZHA | 31 | 29 (93.5%) | 28 (90.3%) | 26 (83.9%) | 28 (90.3%) |
| KOTTAYAM | 31 | 27 (87.1%) | 25 (80.6%) | 19 (61.3%) | 24 (77.4%) |
| KOLLAM | 30 | 29 (96.7%) | 29 (96.7%) | 26 (86.7%) | 27 (90.%) |
| KASARAGOD | 23 | 19 (82.6%) | 17 (73.9%) | 12 (52.2%) | 16 (69.6%) |
| IDUKKI | 20 | 19 (95.%) | 18 (90.%) | 14 (70.%) | 18 (90.%) |
| PATHANAMTHITTA | 19 | 18 (94.7%) | 17 (89.5%) | 15 (78.9%) | 15 (78.9%) |
| WAYANAD | 17 | 17 (100.%) | 17 (100.%) | 16 (94.1%) | 17 (100.%) |
| **Total** | **581** | **523 (90.%)** | **489 (84.2%)** | **419 (72.1%)** | **425 (73.1%)** |

## 5. Appointment Booking in Hospitals (except Medical Colleges)

**312798**
Total Visit

**310168**
OP Visit

**2630**
Non OP Visit

**131**
Advance Appointments

**310036**
Direct Visits

**1**
Internal Referral

**0**
External Referral

**115**
Online Appointment - WebPortal

**11**
Review Appointment by Doctors

**5**
Appointment from Reception

## 5. 1 Online Appointment Booking in Hospitals (except Medical Colleges)

District-wise count of online appointments taken.



District-wise percentage of online appointmets taken up on OP visits.

## 6. eHealth Performance - Reach



Horizontal bar chart of Reach % by district:

| District | Reach % |
|---|---|
| WAYANAD | 29% |
| THIRUVANANTHAPU... | 28% |
| MALAPPURAM | 16% |
| PALAKKAD | 16% |
| IDUKKI | 14% |
| PATHANAMTHITTA | 14% |
| ALAPPUZHA | 12% |
| THRISSUR | 10% |
| KOZHIKODE | 8% |
| KASARAGOD | 8% |
| KOLLAM | 7% |
| KANNUR | 6% |
| ERNAKULAM | 6% |
| KOTTAYAM | 6% |
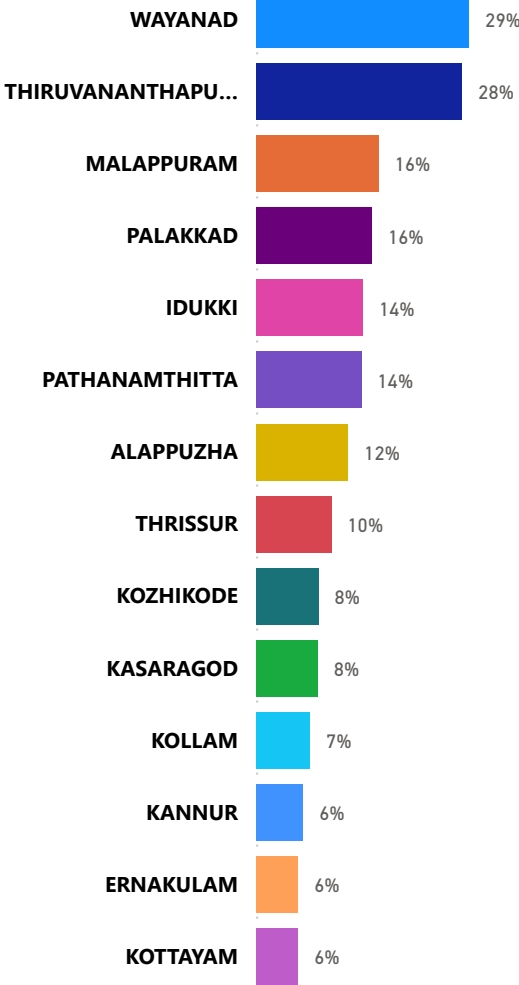
Reach indicates the percentage of population availing services through eHealth. The formula used to calculate is (Number of UHID registered / Population) * 100 %.

X-axis: 0%, 50%, 100% — Reach %