eHealth Kerala
State Digital Health Mission

1. eHealth Kerala - Vital Statistics

Hospital Type	Live Institutions
Family Health Centre	26
Urban Primary Health Centre	2
District Hospital	1
Medical College Hospital	1
Specialty Hospital - Women Children	1
Taluk Hospital	1
Total	**32**

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 Cheruthana	1
Family Health Centre Palamel	1
Family Health Centre Punnapra North	1
Family Health Centre Purakkad	1
Family Health Centre Veeyapuram	1
Family Health Centre Vettakkal	1
Family Health Centre Aroor	2
Family Health Centre Chettikulangara	2
Family Health Centre Panavally	2
Family Health Centre Arattupuzha	3
Family Health Centre Thamarakulam	3
Urban Primary Health Centre Mullathu Valappu	3
Family Health Centre Kalavoor	4
Family Health Centre Perumbalam	4
Family Health Centre Bharanikavu	5
Family Health Centre Pallipuram	5
Urban Primary Health Centre Cheravally	5
Family Health Centre Ezhupunna	6
Family Health Centre Kandalloor	6
Family Health Centre Kanjikuzhy	6
Family Health Centre Karthikappally	6
Taluk Hospital Thuravoor	6
Family Health Centre Cherthala South	7
Family Health Centre Pallithodu	7
Women And Children Hospital Alappuzha	7
Family Health Centre Mararikulam North	8
Family Health Centre Vayalar	9
District Hospital Mavelikara	10
Family Health Centre Thottappally	11
Family Health Centre Devikulangara	12
Family Health Centre Nooranad	13

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.
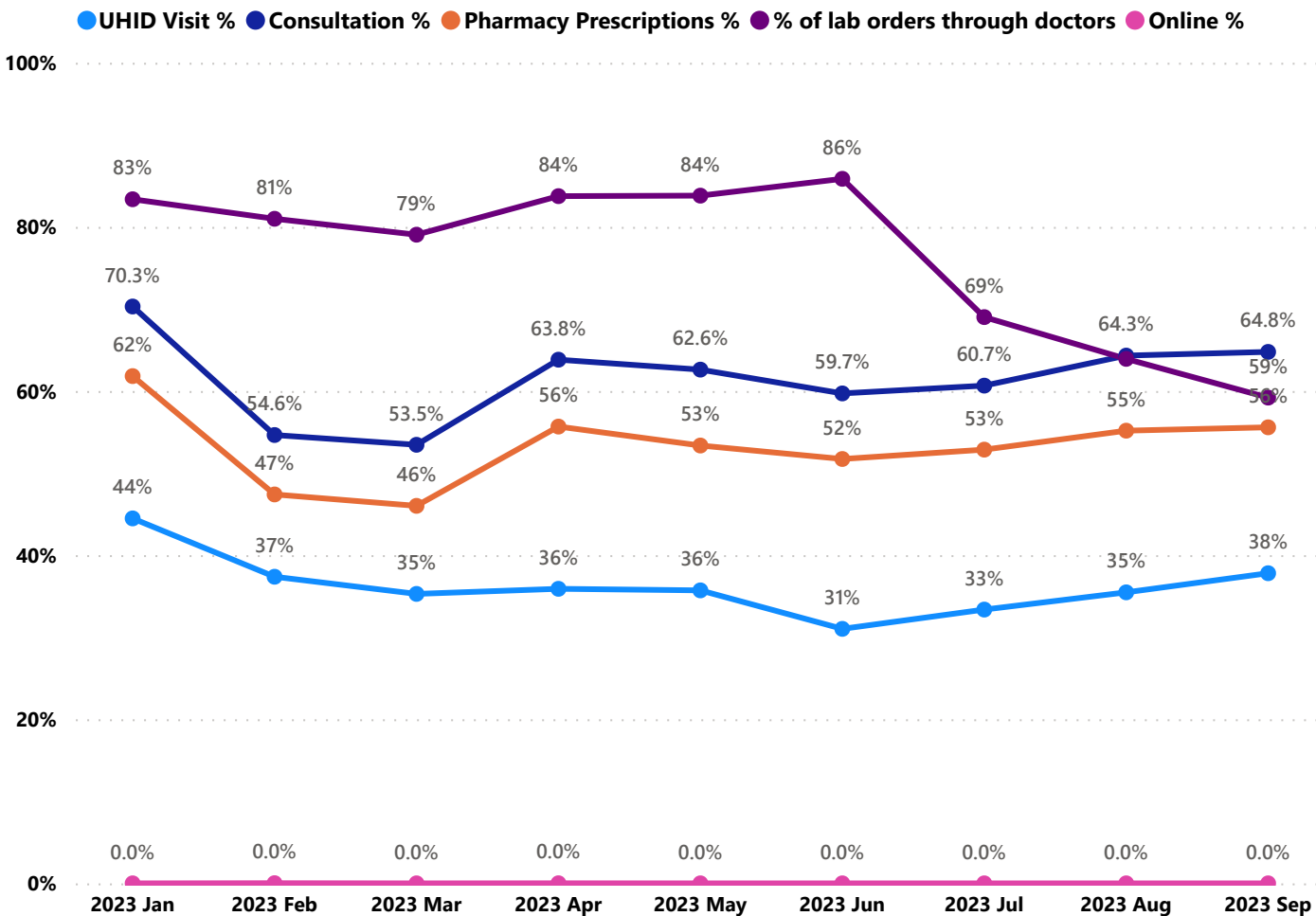
District	Institution Count	Institutions with Reception ▼	% of institutions with Reception
WAYANAD	17	17	100.00%
PALAKKAD	44	43	97.73%
IDUKKI	20	19	95.00%
KANNUR	39	37	94.87%
PATHANAMTHITTA	19	18	94.74%
MALAPPURAM	53	50	94.34%
THIRUVANANTHAPURAM	102	96	94.12%
KASARAGOD	23	21	91.30%
ALAPPUZHA	31	28	90.32%
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 THOTTAPPALLY
FAMILY HEALTH CENTRE NOORANAD
FAMILY HEALTH CENTRE DEVIKULANGARA

3.2 e-Health Performance Trend

Legend: ● 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
% of lab orders through doctors	83%	81%	79%	84%	84%	86%	69%	64.3%	58%
Consultation %	70.3%	54.6%	53.5%	63.8%	62.6%	59.7%	60.7%	64.3%	64.8% / 59%
Pharmacy Prescriptions %	62%	47%	46%	56%	53%	52%	53%	55%	53%
UHID Visit %	44%	37%	35%	36%	36%	31%	33%	35%	38%
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

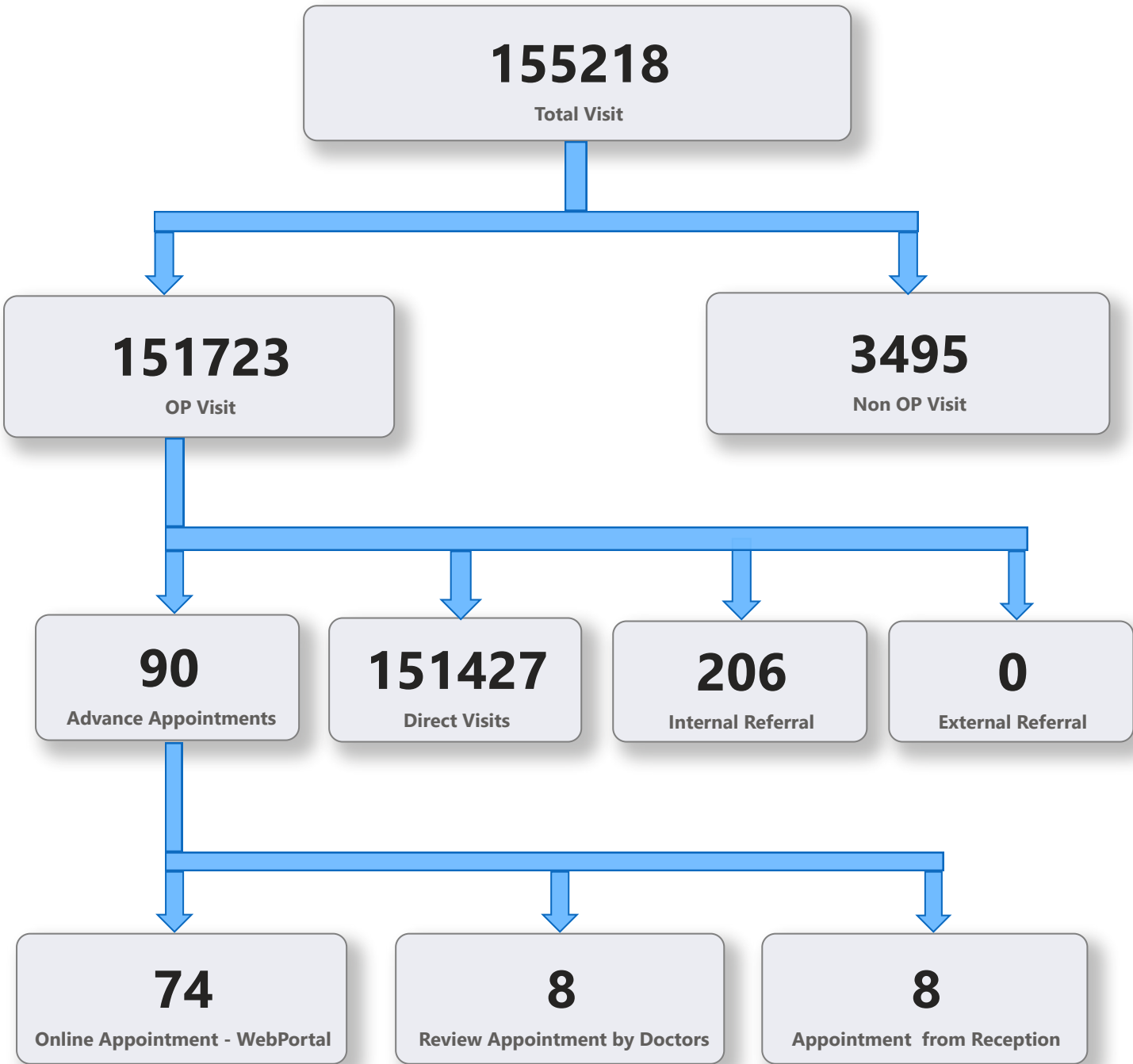Institutions with atleast 100 UHID visits are listed here.

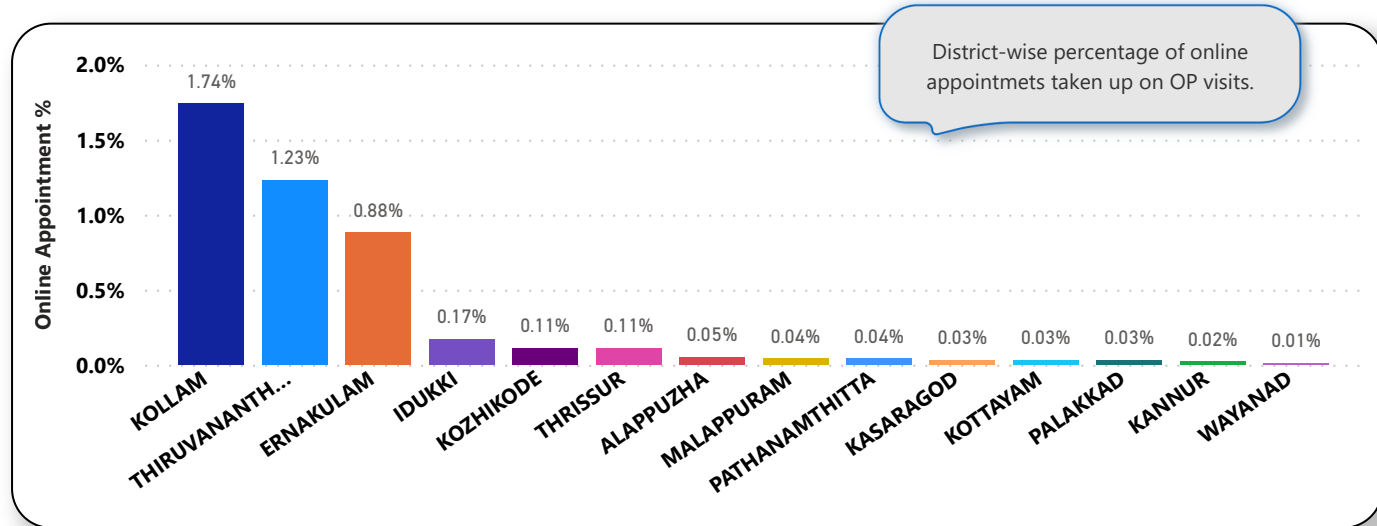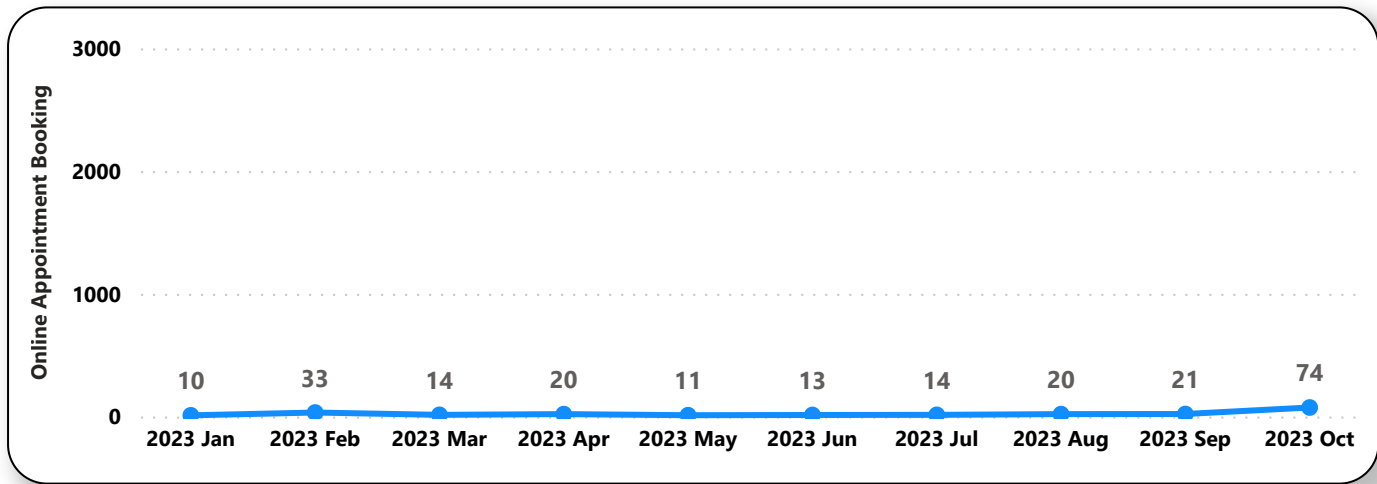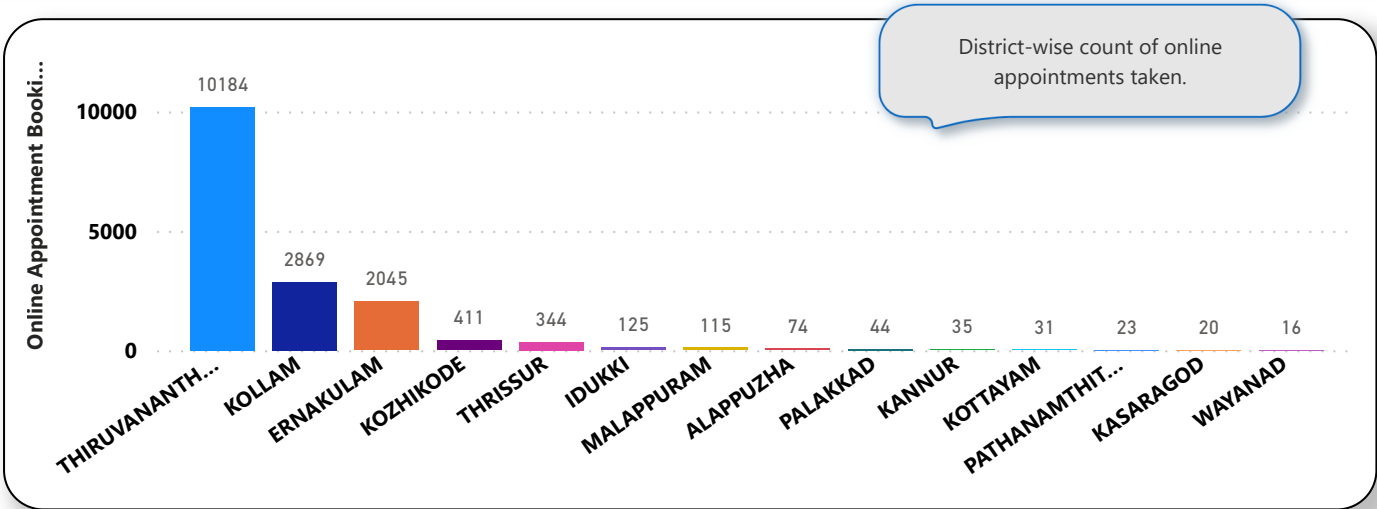| Hospital	UHID Visit %	Consultation %	Pharmacy Prescriptions %	% of Lab Orders given by Doctors
Family Health Centre Vettakkal	89.31%	91.47%	91.86%	89.22%
Family Health Centre Purakkad	84.49%	92.31%	89.83%	20.12%
Family Health Centre Punnapra North	79.05%	96.15%	92.03%	97.01%
Family Health Centre Perumbalam	73.77%	68.78%	62.77%	79.14%
Family Health Centre Palamel	66.80%	94.63%	80.46%	96.84%
Family Health Centre Cheruthana	66.07%	93.17%	91.06%	100.00%
Family Health Centre Thamarakulam	64.72%	88.98%	72.43%	60.73%
Family Health Centre Aroor	63.07%	92.35%	73.84%	67.49%
Family Health Centre Kandalloor	60.39%	19.59%	19.02%	100.00%
Family Health Centre Veeyapuram	60.37%	93.29%	89.58%	65.52%
Family Health Centre Panavally	60.29%	88.19%	84.53%	47.12%
Urban Primary Health Centre Mullathu Valappu	57.20%	85.32%	84.40%	84.25%
Family Health Centre Arattupuzha	56.74%	88.97%	85.39%	99.28%
Family Health Centre Chettikulangara	56.46%	98.01%	89.39%	100.00%
Family Health Centre Pallipuram	53.16%	73.58%	68.65%	66.56%
Family Health Centre Kanjikuzhy	52.39%	45.34%	41.70%	53.79%
Family Health Centre Karthikappally	51.96%	71.24%	35.71%	100.00%
Family Health Centre Bharanikavu	45.82%	71.11%	67.05%	24.46%
Family Health Centre Kalavoor	40.30%	81.54%	63.60%	91.32%
Urban Primary Health Centre Cheravally	39.27%	82.06%	73.72%	44.11%
Family Health Centre Cherthala South	37.07%	48.06%	46.29%	100.00%
Family Health Centre Ezhupunna	33.61%	78.64%	36.30%	23.11%
Family Health Centre Mararikulam North	32.19%	32.79%	30.15%	9.33%
Women And Children Hospital Alappuzha	21.91%	52.78%	26.02%	41.14%
Taluk Hospital Thuravoor	10.25%	71.34%	64.34%	72.11%
Family Health Centre Pallithodu	10.11%	50.15%	46.53%	25.71%
District Hospital Mavelikara	4.18%	15.99%	6.02%	2.72%

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%)**

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5. Appointment Booking in Hospitals (except Medical Colleges)

155218
Total Visit

151723
OP Visit

3495
Non OP Visit

90
Advance Appointments

151427
Direct Visits

206
Internal Referral

0
External Referral

74
Online Appointment - WebPortal

8
Review Appointment by Doctors

8
Appointment from Reception

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

District-wise count of online appointments taken.

Online Appointment Booki...

District	Count
THIRUVANANTH...	10184
KOLLAM	2869
ERNAKULAM	2045
KOZHIKODE	411
THRISSUR	344
IDUKKI	125
MALAPPURAM	115
ALAPPUZHA	74
PALAKKAD	44
KANNUR	35
KOTTAYAM	31
PATHANAMTHIT...	23
KASARAGOD	20
WAYANAD	16

Online Appointment Booking

Month	Value
2023 Jan	10
2023 Feb	33
2023 Mar	14
2023 Apr	20
2023 May	11
2023 Jun	13
2023 Jul	14
2023 Aug	20
2023 Sep	21
2023 Oct	74

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

Online Appointment %

District	Percentage
KOLLAM	1.74%
THIRUVANANTH...	1.23%
ERNAKULAM	0.88%
IDUKKI	0.17%
KOZHIKODE	0.11%
THRISSUR	0.11%
ALAPPUZHA	0.05%
MALAPPURAM	0.04%
PATHANAMTHITTA	0.04%
KASARAGOD	0.03%
KOTTAYAM	0.03%
PALAKKAD	0.03%
KANNUR	0.02%
WAYANAD	0.01%

6. eHealth Performance - Reach

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 %

Reach indicates the percentage of population availing services through eHealth. The formula used to calculate is (Number of UHID registered / Population) * 100 %.