e-Health Monthly Performance Report

KERALA

December 2023

eHealth Kerala
State Digital Health Mission

1. eHealth Kerala - Vital Statistics

Hospital Type ▾	Live Institutions
Family Health Centre	449
Urban Primary Health Centre	50
Community Health Centre	27
Medical College Hospital	16
General Hospital	12
Taluk Headquarters Hospital	12
Taluk Hospital	10
District Hospital	6
Specialty Hospital - Women Children	6
Primary Health Centre	4
Public Health Laboratory	2
Specialty Hospital	2
District TB Centre	1
Empanelled Diagnostic Centre	1
Government Dispensary	1
Specialty Hospital - Mental Health	1
Specialty Hospital - Pulmonary Medicine	1
Specialty Hospital - Tribal	1
Total	**602**

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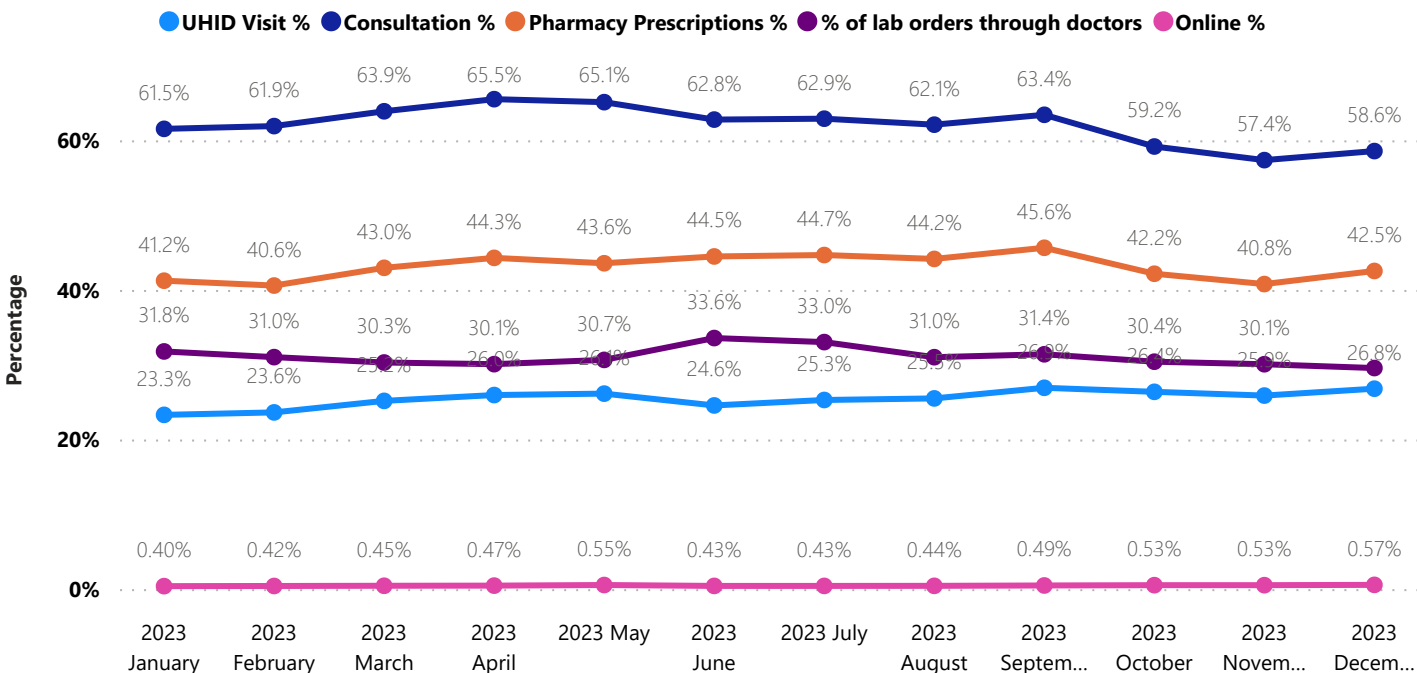
The best performing districts should strive to continue to remain in the same position, whereas the average performing as well as the low performing districts should strive to reach to the 'top four' league.

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

District	October	November	December ▲
WAYANAD	1	1	1
PATHANAMTHITTA	2	2	2
IDUKKI	3	3	3
PALAKKAD	3	3	3
MALAPPURAM	4	4	4
KANNUR	4	6	5
KOTTAYAM	4	5	5
THRISSUR	5	5	5
ALAPPUZHA	5	6	6
KASARAGOD	6	7	6
KOLLAM	5	6	6
KOZHIKODE	6	6	6
THIRUVANANTHAPURAM	6	6	6
ERNAKULAM	7	8	7

Best performing
Average performing
Low performing

3. eHealth - State Performance Trend (except Medical Colleges)

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

Consultation %: 61.5%, 61.9%, 63.9%, 65.5%, 65.1%, 62.8%, 62.9%, 62.1%, 63.4%, 59.2%, 57.4%, 58.6%

Pharmacy Prescriptions %: 41.2%, 40.6%, 43.0%, 44.3%, 43.6%, 44.5%, 44.7%, 44.2%, 45.6%, 42.2%, 40.8%, 42.5%

% of lab orders through doctors: 31.8%, 31.0%, 30.3%, 30.1%, 30.7%, 33.6%, 33.0%, 31.0%, 31.4%, 30.4%, 30.1%, 26.8%

UHID Visit %: 23.3%, 23.6%, 25.2%, 26.0%, 26.0%, 24.6%, 25.3%, 25.5%, 26.9%, 26.4%, 25.9%, 26.8%

Online %: 0.40%, 0.42%, 0.45%, 0.47%, 0.55%, 0.43%, 0.43%, 0.44%, 0.49%, 0.53%, 0.53%, 0.57%

Percentage

2023 January | 2023 February | 2023 March | 2023 April | 2023 May | 2023 June | 2023 July | 2023 August | 2023 Septem... | 2023 October | 2023 Novem... | 2023 Decem...

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

Hospital	State Rank ▲
Family Health Center Noolpuzha	1
Family Health Centre Alakode	1
Family Health Centre Ambalavayal	1
Family Health Centre Anakudy	1
Family Health Centre Athanikkal	1
Family Health Centre Cheeral	1
Family Health Centre Chenneerkara	1
Family Health Centre Cheruthana	1
Family Health Centre Chethalayam	1
Family Health Centre Chokkad	1
Family Health Centre Edavilangu	1
Family Health Centre Elamdesom	1
Family Health Centre Ezhamkulam	1
Family Health Centre Ezhukone Pavithreswaram	1
Family Health Centre Kadammanitta	1
Family Health Centre Karalam	1
Family Health Centre Kavassery	1
Family Health Centre Keralassery	1
Family Health Centre Kizhakkencherry	1
Family Health Centre Koipuram	1
Family Health Centre Kottangal	1
Family Health Centre Kottathara	1
Family Health Centre Kottukal	1
Family Health Centre Kudayathur	1
Family Health Centre Kumaramangalam	1
Family Health Centre Kunissery	1
Family Health Centre Kuthanur	1
Family Health Centre Mankara	1
Family Health Centre Mannur	1
Family Health Centre Meenachil	1
Family Health Centre Meppady	1
Family Health Centre Mezhuveli	1
Family Health Centre Moonnilavu	1
Family Health Centre Moorkkanad	1
Family Health Centre Munambam	1
Family Health Centre Ozhalapathy	1
Family Health Centre Padinjarathara	1
Family Health Centre Palamel	1

| Hospital	State Rank ▼
Family Health Centre Alangad	21
Family Health Centre Thiruvankulam	21
General Hospital Kanjirapally	21
Taluk Headquarters Hospital Attingal	21
Family Health Centre Piravanthoor	20
Community Health Centre Vellanad	19
Family Health Centre Cheranelloore	19
Family Health Centre Engandiyur	19
Family Health Centre Karavalur	19
Family Health Centre Manjalloor	19
Family Health Centre Trippanachi	19
Family Health Centre Uzhamalakkal	19
Hds Laboratory Mch Trivandrum	19
Mental Health Centre Peroorkada	19
Family Health Centre Kadannappally	18
Family Health Centre Ajanur	17
Family Health Centre Bharanikavu	17
Family Health Centre Devikulangara	17
Family Health Centre Ezhukone	17
Family Health Centre Kaduthuruthy	17
Family Health Centre Kakkad	17
Family Health Centre Kunhimangalam	17
Family Health Centre Mararikulam North	17
Family Health Centre Nalukettu	17
Family Health Centre Nanniode	17
Family Health Centre Neduvathoor	17
Family Health Centre Nooranad	17
Family Health Centre Palappetty	17
Family Health Centre Perinad	17
Family Health Centre Perumathura	17
Family Health Centre Poonjar	17
Family Health Centre Pooyappally	17
Family Health Centre Punnayur	17
Family Health Centre Thottackad	17
Family Health Centre Thottappally	17
Family Health Centre Thuravoor	17
Family Health Centre Udayagiri	17
Family Health Centre Vayalar	17

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 ▾
IDUKKI	20	20	100.00%
PATHANAMTHITTA	19	19	100.00%
WAYANAD	17	17	100.00%
PALAKKAD	44	43	97.73%
MALAPPURAM	53	50	94.34%
THIRUVANANTHAPURAM	102	95	93.14%
KANNUR	39	33	84.62%
KOZHIKODE	55	46	83.64%
KASARAGOD	23	19	82.61%
THRISSUR	69	56	81.16%
ERNAKULAM	53	43	81.13%
ALAPPUZHA	31	25	80.65%
KOLLAM	30	22	73.33%
KOTTAYAM	31	22	70.97%

3.2 e-Health Performance - UHID Visits

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

● November ● December
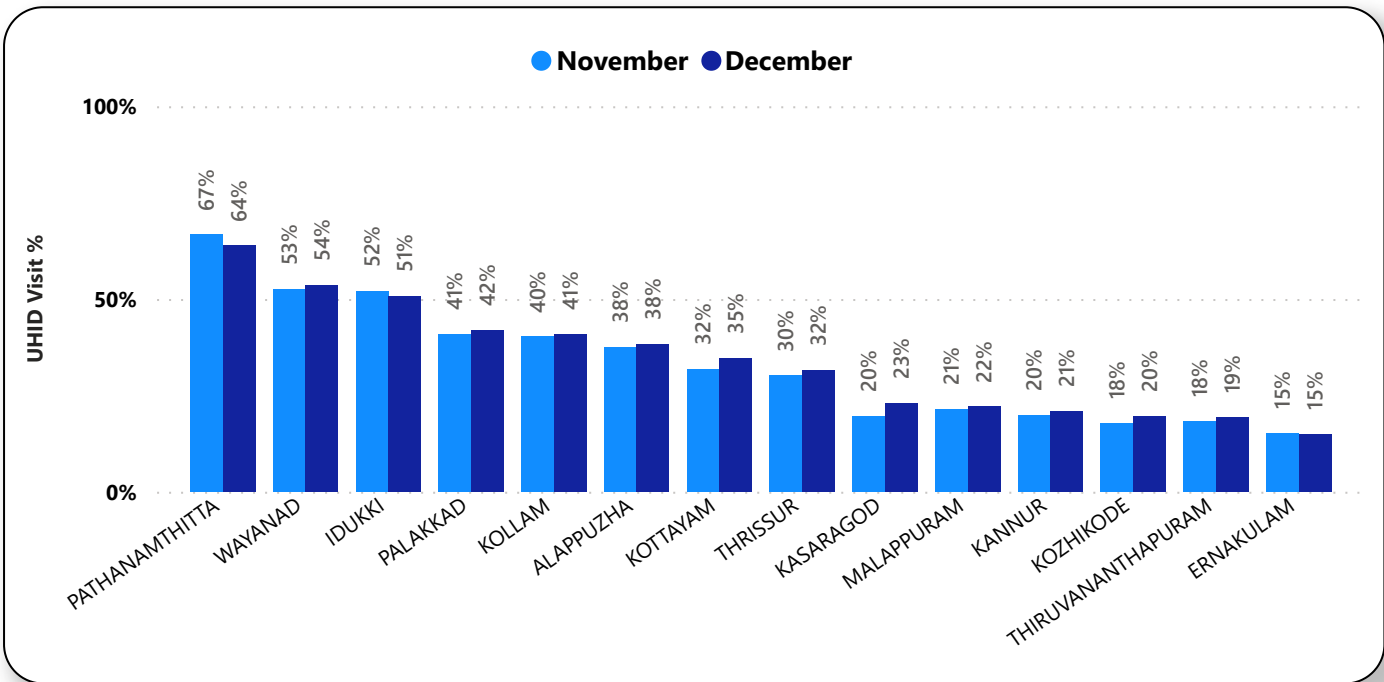
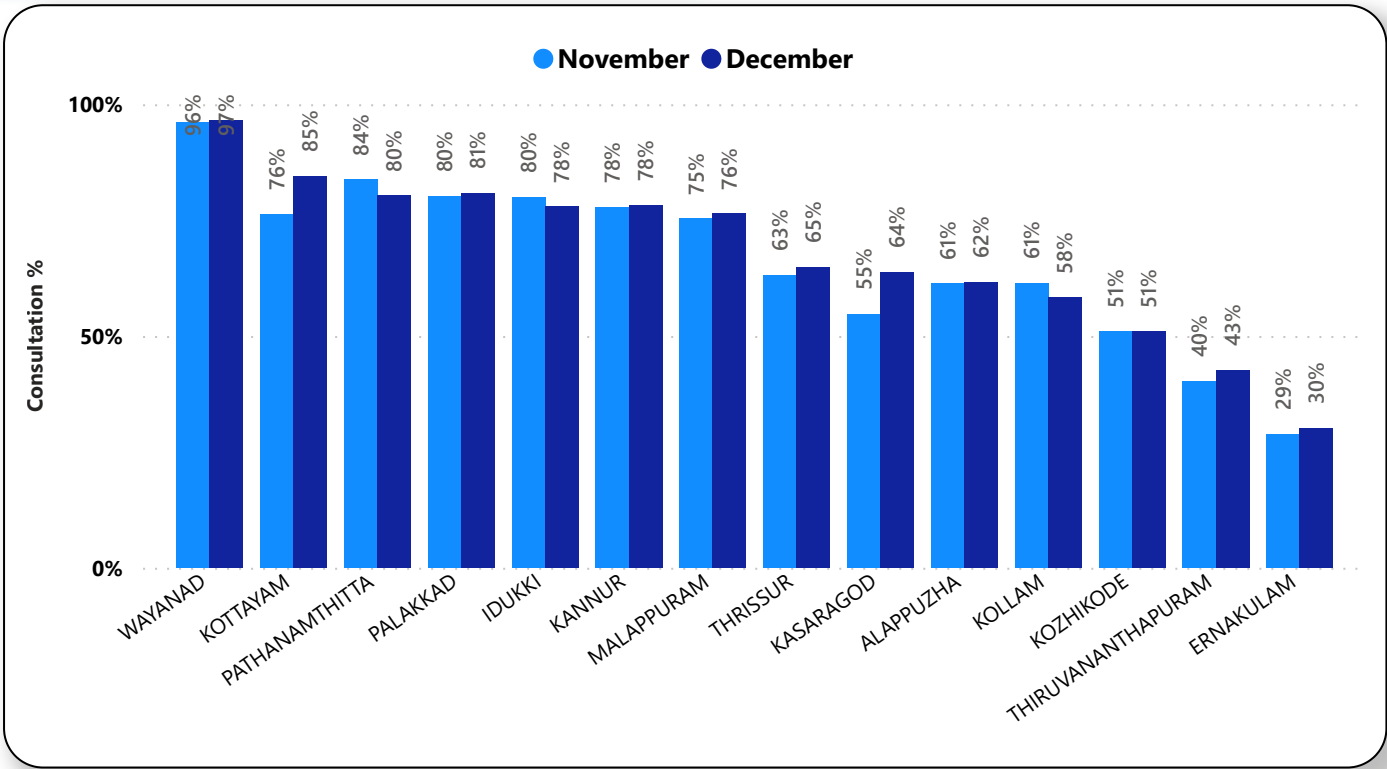## Institutions based on UHID Visits

Institutions with atleast 100 UHID visits are listed here.

Hospital	UHID Visit %
C Kesavan Memorial Family Health Centre Mayyanad	52.31%
Chest Diseases Hospital Pulayanarkottah	10.68%
Coastal Speciality Hospital Valiyathura	3.15%
Community Health Centre Pattiam	5.27%
Community Health Centre Anchuthengu	5.09%
Community Health Centre Andoorkonam	21.40%
Community Health Centre Aryanad	46.71%
Community Health Centre Cherpu	2.97%
Community Health Centre Iranimuttom	7.06%
Community Health Centre Kallara	26.74%
Community Health Centre Kanyakulangara	13.31%
Community Health Centre Kesavapuram	12.52%

Hospital	UHID Visit %
Taluk Hospital Nadapuram	0.49%
General Hospital Thrissur	0.54%
District Hospital Nedumangad	1.63%
District Hospital Aluva	1.68%
Family Health Centre Edappally	1.73%
Family Health Centre Chaliyam	2.11%
Taluk Hospital Fort Thiruvananthapuram	2.13%
Community Health Centre Perumkadavila	2.32%
Family Health Centre Puthiyappa	2.61%
Taluk Headquarters Hospital Chirayinkeezh	2.84%
Family Health Centre Karumallor	2.87%
Community Health Centre Cherpu	2.97%
Family Health Centre Pandikkad	3.06%

3.3 e-Health Performance - Doctor Consultation

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

● November ● December

Consultation % by district:

District	November	December
WAYANAD	96%	97%
KOTTAYAM	76%	85%
PATHANAMTHITTA	84%	80%
PALAKKAD	80%	81%
IDUKKI	80%	78%
KANNUR	78%	78%
MALAPPURAM	75%	76%
THRISSUR	63%	65%
KASARAGOD	55%	64%
ALAPPUZHA	61%	62%
KOLLAM	61%	58%
KOZHIKODE	51%	51%
THIRUVANANTHAPURAM	40%	43%
ERNAKULAM	29%	30%

Doctor Consultation Percentage in all Institutions

Institutions with atleast 100 UHID visits are listed here.

Hospital	Doctor Consultation % ▼	Hospital	Doctor Consultation % ▲
Family Health Centre Ozhalapathy	100.00%	Community Health Centre Andoorkonam	0.00%
Family Health Centre Amachal New	99.99%	Community Health Centre Kallara	0.00%
Family Health Centre Chenkal	99.96%	Community Health Centre Ulliyeri	0.00%
Family Health Centre Eroor	99.96%	District Hospital Vadakara	0.00%
Family Health Centre Adakkaputhur	99.93%	Family Health Centre Cherthala South	0.00%
Family Health Centre Othera	99.93%	Family Health Centre Edavanakkad	0.00%
Family Health Centre Brahmamangalam	99.90%	Family Health Centre Irivallur	0.00%
Family Health Centre Ezhukone Pavithreswaram	99.90%	Family Health Centre Karthikappally	0.00%
Family Health Centre Pariyaram Thrissur	99.90%	Family Health Centre Kodiyathur	0.00%
Family Health Centre Arthat	99.88%	Family Health Centre Kottur	0.00%
Primary Health Centre Vellavani	99.88%	Family Health Centre Muthalamada	0.00%

3.4 e-Health Performance - Pharmacy Usage

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

● November ● December

District	November	December
PATHANAMTHITTA	71%	69%
WAYANAD	66%	69%
KOTTAYAM	63%	71%
IDUKKI	66%	65%
PALAKKAD	63%	66%
KANNUR	54%	58%
THRISSUR	51%	52%
ALAPPUZHA	51%	51%
KOLLAM	48%	47%
KASARAGOD	41%	51%
KOZHIKODE	46%	46%
MALAPPURAM	43%	47%
THIRUVANANTHAPURAM	24%	25%
ERNAKULAM	15%	16%
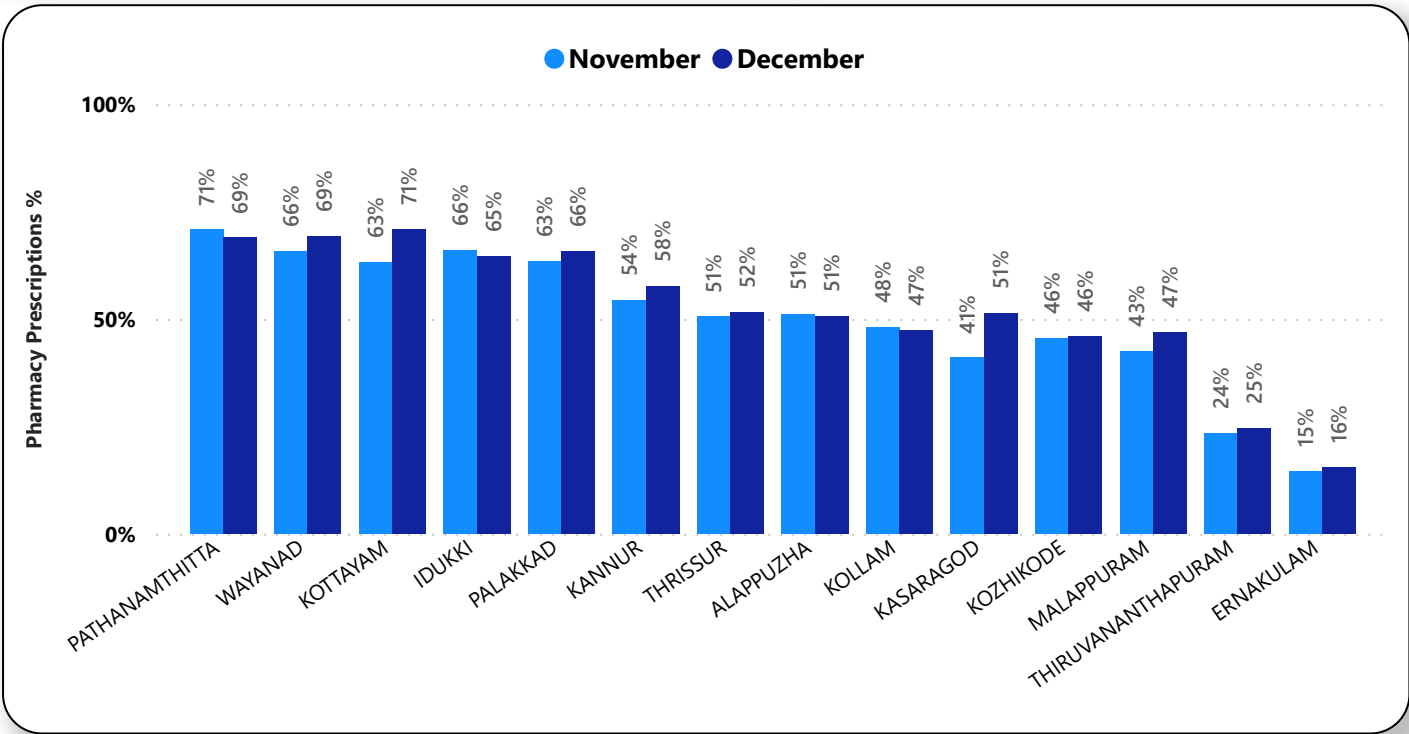
Pharmacy Usage in all Institutions

Institutions with atleast 100 UHID visits are listed here.

Hospital	Pharmacy Usage %
Family Health Centre Brahmamangalam	100.00%
Family Health Centre Vellavoor	100.00%
State Public Health Clinical Laboratory	100.00%
Family Health Centre Udayanapuram	99.94%
Family Health Centre Moonnilavu	99.63%
Family Health Centre Vattavada	98.60%
Family Health Centre Paippad	98.37%
Family Heantre Manarcad	97.55%
Family Health Centre Mulavukad	97.03%
Family Health Centre Pulikkal	95.83%
Urban Primary Health Centre Perunna	95.82%
Family Health Centre Madavoor Kozhikode	95.75%

Hospital	Pharmacy Usage %
Community Health Centre Pattiam	0.00%
Community Health Centre Andoorkonam	0.00%
Community Health Centre Kallara	0.00%
Community Health Centre Ulliyeri	0.00%
District Hospital Nedumangad	0.00%
District Hospital Vadakara	0.00%
Ek Nayanar Memorial Govt. Women And Children Hospital Mangattuparamba	0.00%
Family Health Centre Alamkode	0.00%
Family Health Centre Ayalur	0.00%
Family Health Centre Cherthala South	0.00%
Family Health Centre Cherukavu	0.00%

3.5 e-Health Performance - Lab Usage

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

● **November** ● **December**
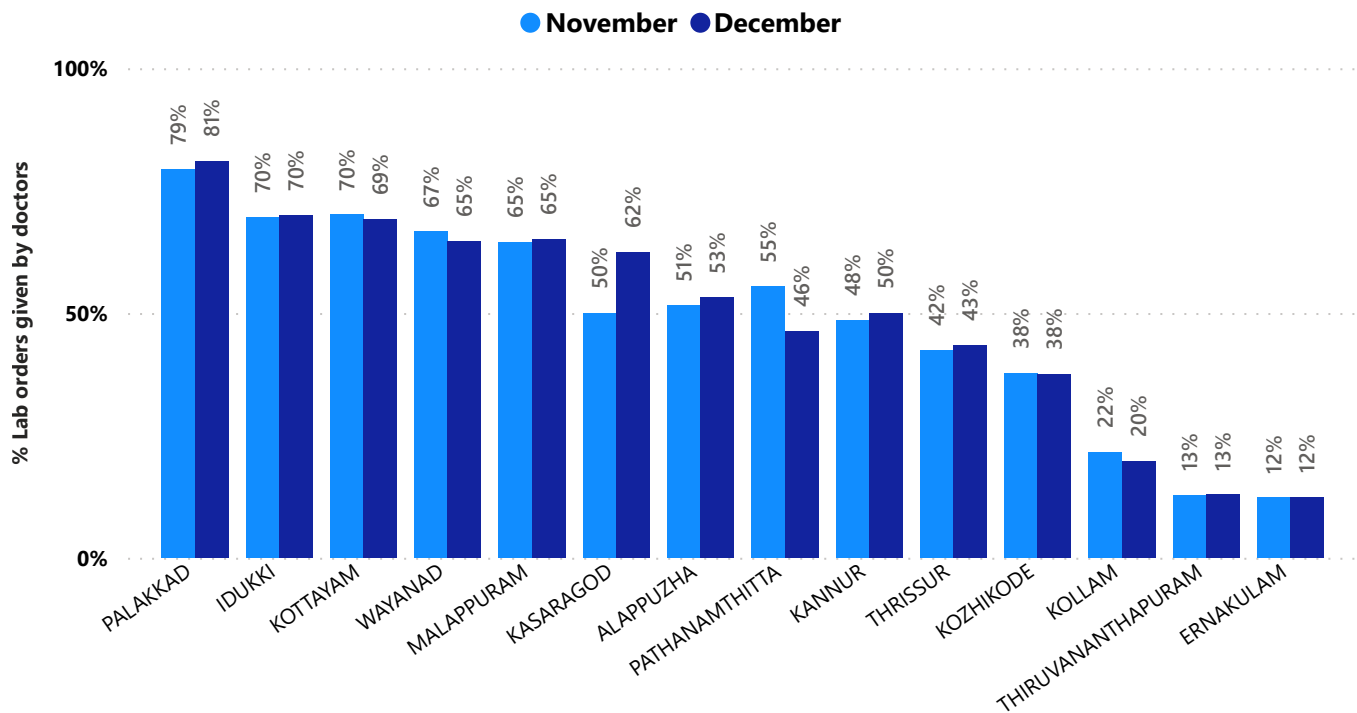
Lab Usage in all Institutions

Institutions with atleast 100 UHID visits are listed here.

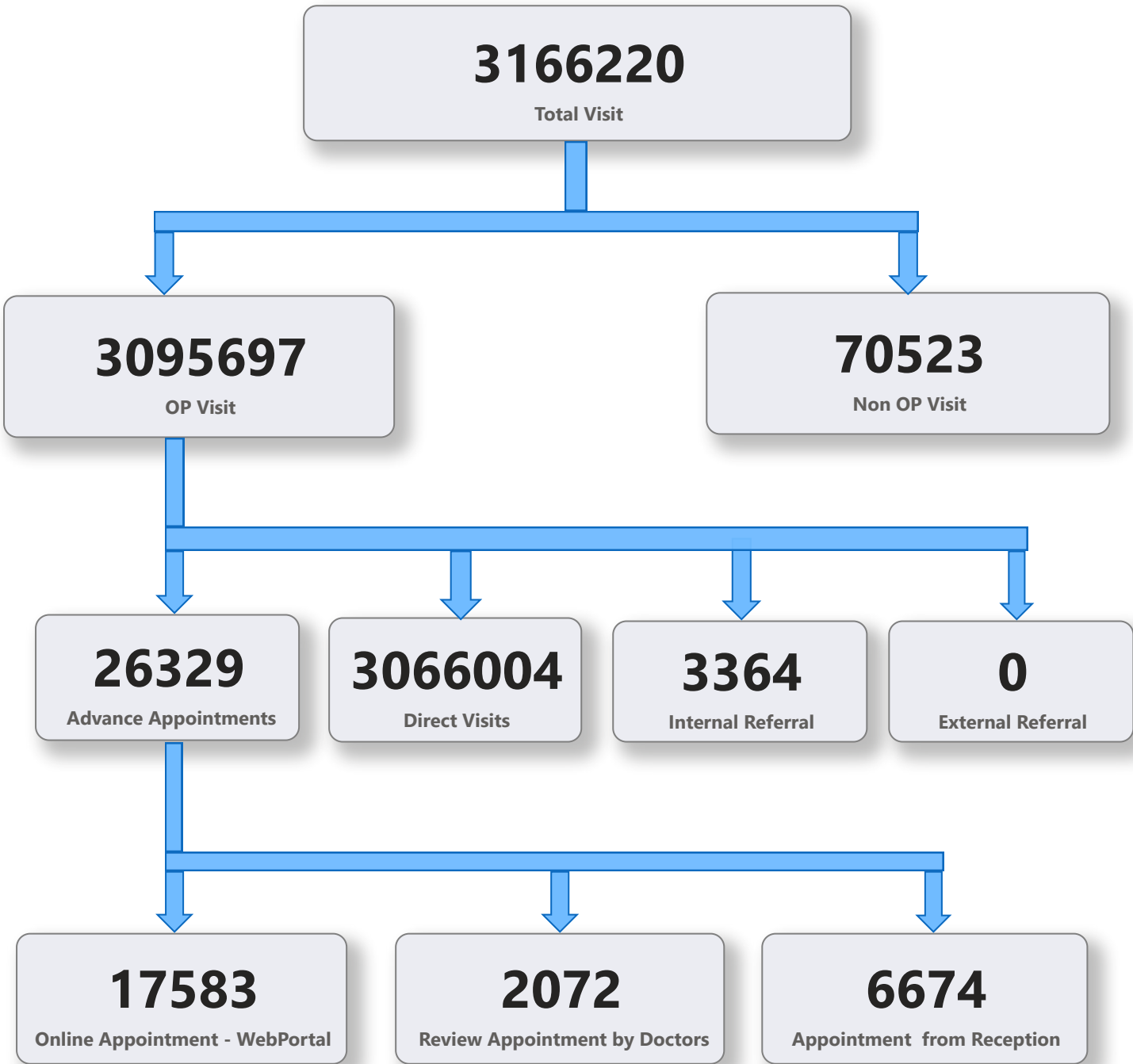| Hospital	Lab Usage %
Coastal Speciality Hospital Valiyathura	100.00%
Community Health Centre Pattiam	100.00%
Community Health Centre Manamboor	100.00%
District Hospital Aluva	100.00%
Family Health Centre Chalavara	100.00%
Family Health Centre Chattanchal	100.00%
Family Health Centre Cherunniyoor	100.00%
Family Health Centre Cheruthana	100.00%
Family Health Centre Chettikulangara	100.00%
Family Health Centre Kandalloor	100.00%
Family Health Centre Karthikappally	100.00%
Family Health Centre Karunapuram	100.00%

Hospital	Lab Usage %
Community Health Centre Kallara	0.00%
Community Health Centre Poovar	0.00%
Family Health Centre Chittar	0.00%
Family Health Centre Kodiyathur	0.00%
Family Health Centre Kottur	0.00%
Family Health Centre Maruthonkara	0.00%
Family Health Centre Odakkayam	0.00%
Family Health Centre Palakuzha	0.00%
Family Health Centre Porkulam	0.00%
Family Health Centre Punnekkad	0.00%
State Public Health Clinical Laboratory	0.00%
Taluk Headquarters Hospital Chirayinkeezh	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.
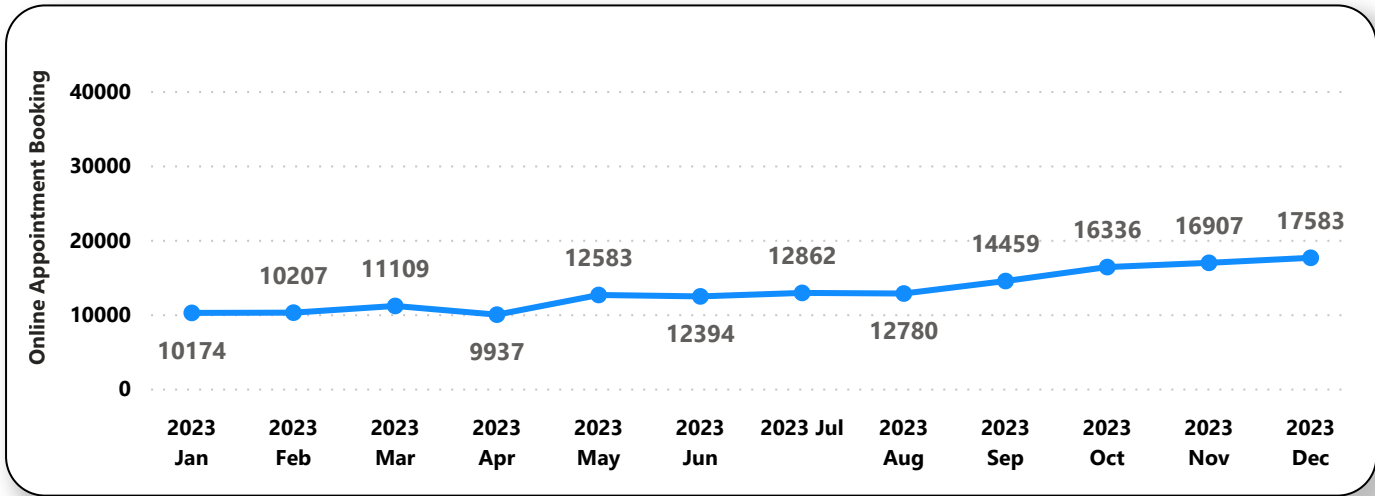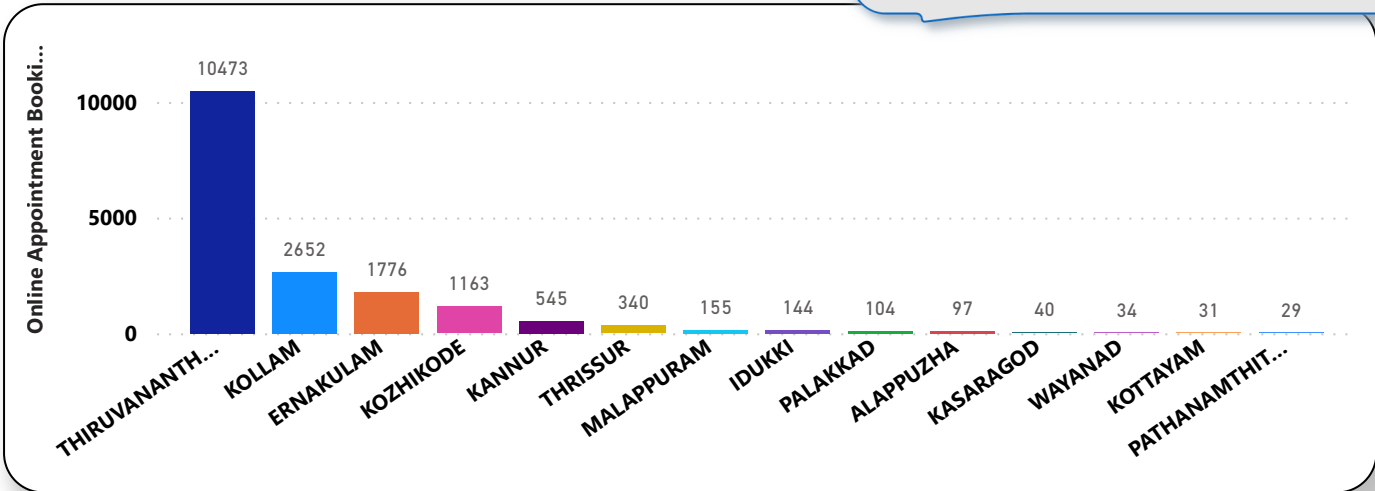
District Name	Live Institutions	Reception	Consultation	Lab	Pharmacy
THIRUVANANTHAPURAM	106	99 (93.4%)	92 (86.8%)	84 (79.2%)	75 (70.8%)
THRISSUR	70	57 (81.4%)	56 (80.%)	53 (75.7%)	52 (74.3%)
KOZHIKODE	57	48 (84.2%)	36 (63.2%)	36 (63.2%)	34 (59.6%)
ERNAKULAM	54	44 (81.5%)	31 (57.4%)	19 (35.2%)	15 (27.8%)
MALAPPURAM	54	51 (94.4%)	49 (90.7%)	42 (77.8%)	41 (75.9%)
PALAKKAD	45	44 (97.8%)	39 (86.7%)	35 (77.8%)	32 (71.1%)
KANNUR	40	34 (85.%)	30 (75.%)	20 (50.%)	25 (62.5%)
ALAPPUZHA	32	26 (81.3%)	22 (68.8%)	20 (62.5%)	21 (65.6%)
KOTTAYAM	32	23 (71.9%)	22 (68.8%)	15 (46.9%)	22 (68.8%)
KOLLAM	31	23 (74.2%)	23 (74.2%)	24 (77.4%)	22 (71.%)
KASARAGOD	23	19 (82.6%)	17 (73.9%)	14 (60.9%)	17 (73.9%)
IDUKKI	20	20 (100.%)	18 (90.%)	15 (75.%)	18 (90.%)
PATHANAMTHITTA	20	20 (100.%)	16 (80.%)	15 (75.%)	15 (75.%)
WAYANAD	18	17 (94.4%)	17 (94.4%)	16 (88.9%)	17 (94.4%)
Total	**602**	**525 (87.2%)**	**468 (77.7%)**	**408 (67.8%)**	**406 (67.4%)**

5. Appointment Booking in Hospitals (except Medical Colleges)

3166220
Total Visit

3095697
OP Visit

70523
Non OP Visit

26329
Advance Appointments

3066004
Direct Visits

3364
Internal Referral

0
External Referral

17583
Online Appointment - WebPortal

2072
Review Appointment by Doctors

6674
Appointment from Reception
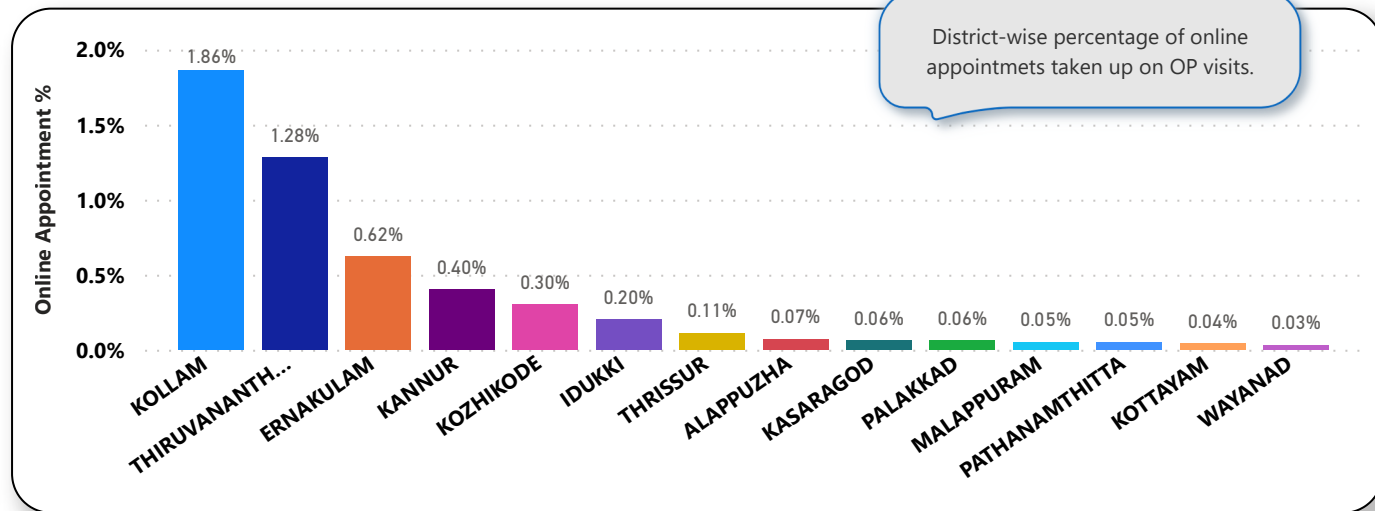
eHealth Kerala
State Digital Health Mission

December 2023

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

District-wise count of online appointments taken.

Online Appointment Booking (bar chart):
- THIRUVANANTH... 10473
- KOLLAM 2652
- ERNAKULAM 1776
- KOZHIKODE 1163
- KANNUR 545
- THRISSUR 340
- MALAPPURAM 155
- IDUKKI 144
- PALAKKAD 104
- ALAPPUZHA 97
- KASARAGOD 40
- WAYANAD 34
- KOTTAYAM 31
- PATHANAMTHIT... 29

Online Appointment Booking (line chart):
- 2023 Jan 10174
- 2023 Feb 10207
- 2023 Mar 11109
- 2023 Apr 9937
- 2023 May 12583
- 2023 Jun 12394
- 2023 Jul 12862
- 2023 Aug 12780
- 2023 Sep 14459
- 2023 Oct 16336
- 2023 Nov 16907
- 2023 Dec 17583

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

Online Appointment % (bar chart):
- KOLLAM 1.86%
- THIRUVANANTH... 1.28%
- ERNAKULAM 0.62%
- KANNUR 0.40%
- KOZHIKODE 0.30%
- IDUKKI 0.20%
- THRISSUR 0.11%
- ALAPPUZHA 0.07%
- KASARAGOD 0.06%
- PALAKKAD 0.06%
- MALAPPURAM 0.05%
- PATHANAMTHITTA 0.05%
- KOTTAYAM 0.04%
- WAYANAD 0.03%

6. eHealth Performance - Reach

District	Reach %
THIRUVANANTHAPU...	31%
WAYANAD	30%
MALAPPURAM	17%
PALAKKAD	16%
IDUKKI	15%
PATHANAMTHITTA	14%
ALAPPUZHA	13%
THRISSUR	11%
KOZHIKODE	9%
KASARAGOD	9%
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 %.