1. eHealth Kerala - Vital Statistics

Live Institutions	27
Medical College Hospitals	0
PHCs/FHCs	23
CHCs	0
DHs/GHs	0
PH Labs	0
Other(Inc Taluk Hospitals)	4

Kasaragode 16
Kannur 27
Wayanad 14
Kozhikode 32
Malappuram 44
Palakkad 38
Thrissur 47
Ernakulam 34
Idukki 16
Kottayam 22
Alappuzha 17
Pathanamthitta 16
Kollam 22
Thiruvananthapuram 101

2. Highlights

> eHealth rolled out in 3 new institutions during the month of June '22 .

> The district shows highest increase (101%) in per day total visit compared with previous month.

> The district improved its position from 12 to 8 in Quantity ranking which is based on the number of total visit scaled down by the number of live institutions .

> The district remains at 9th position in Reach ranking which is based on the number of UHID Registered with respect to population.

> The district moved from 10th position to 13th position   in Online Appointment Booking.

> The district moved its position from 8 to 13 in OP Consultation %.

> Percentage of house survey completion (30.91%) and Percentage of member survey completion (0.63%).

> About 26 % decrease in quality percentage during the month of June compared to previous month.

> The district moved its position from 6 to 13 in quality ranking which is based on SNOMED CT diagnosis entered by doctors .

3. eHealth - District Ranking Matrix

The ranking matrix provides the overall ranking of the districts in terms of the eHealth services provided based on the three parameters, viz; Quantity, Reach & Quality. Based on the ranking of each of these parameters, 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.

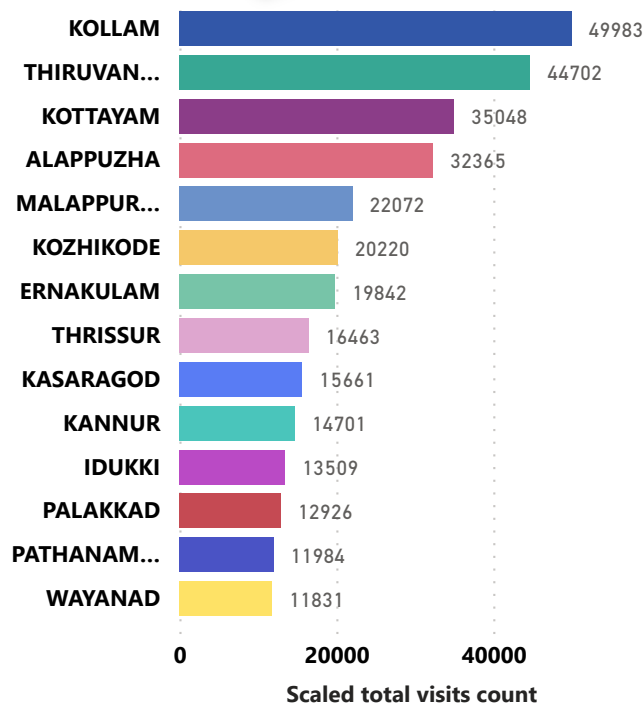The ranking matrix for the month of June '22 is given below:

Districts	Quantity	Reach	Quality
KOLLAM	1	10	10
THIRUVANANTHAPURAM	2	1	9
KOTTAYAM	3	13	11
ALAPPUZHA	4	7	8
MALAPPURAM	5	6	7
ERNAKULAM	6	12	14
KOZHIKODE	7	14	12
KANNUR	8	9	13
KASARAGOD	9	8	4
WAYANAD	10	3	2
THRISSUR	11	11	5
IDUKKI	12	2	3
PALAKKAD	13	5	6
PATHANAMTHITTA	14	4	1

- Best performing
- Average performing
- Low performing

eHealth Kerala
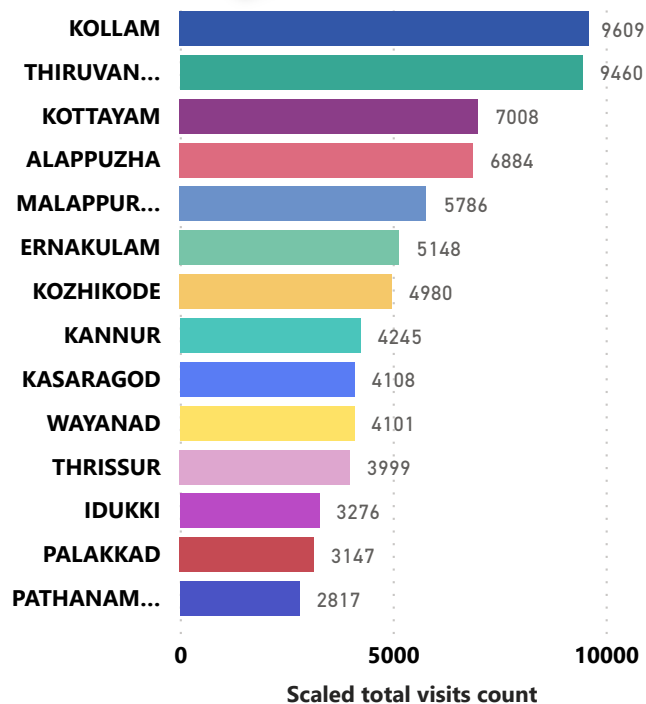**State Digital Health Mission**

3.1 eHealth Performance - Quantity

Quantity Rank is calculated based on the number of total visits scaled down by the corresponding number of live institutions in each district. This is calculated as (Number of total visits / Number of live institutions)
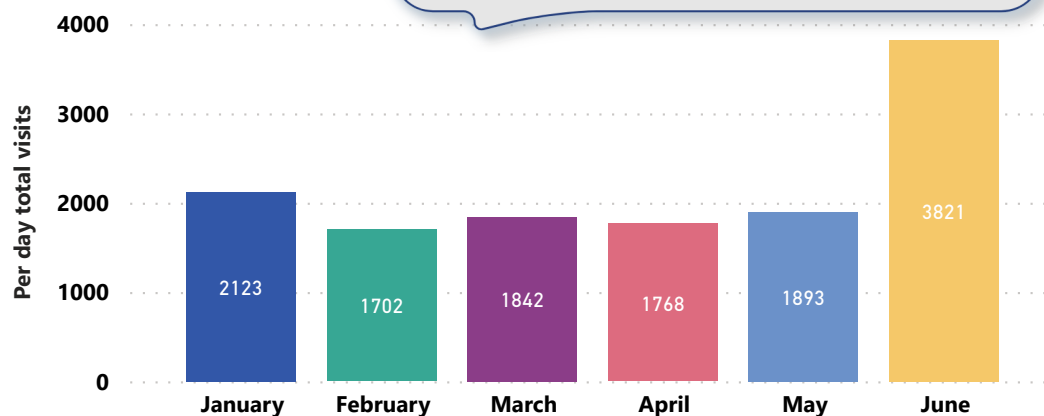
District-wise scaled count of total visits for the year 2022.KNR stands at 10th position in the number of total visits scaled down by the number of live institutions.
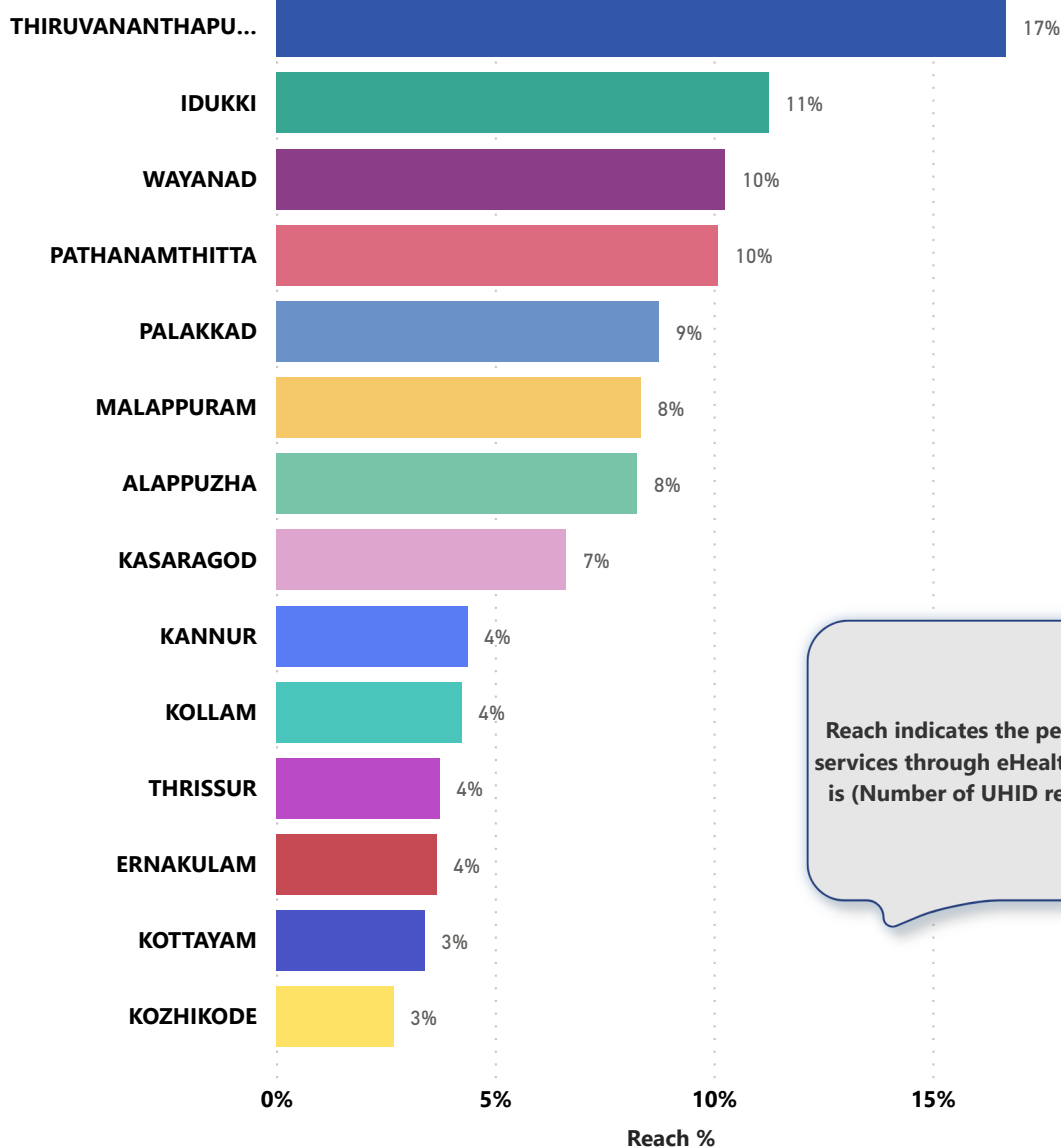
District-wise scaled count of total visits for the month of June '22. KNR improved 12th to 8th position in the number of scaled total visits count.

District	Scaled total visits count (2022)
KOLLAM	49983
THIRUVAN...	44702
KOTTAYAM	35048
ALAPPUZHA	32365
MALAPPUR...	22072
KOZHIKODE	20220
ERNAKULAM	19842
THRISSUR	16463
KASARAGOD	15661
KANNUR	14701
IDUKKI	13509
PALAKKAD	12926
PATHANAM...	11984
WAYANAD	11831

District	Scaled total visits count (June '22)
KOLLAM	9609
THIRUVAN...	9460
KOTTAYAM	7008
ALAPPUZHA	6884
MALAPPUR...	5786
ERNAKULAM	5148
KOZHIKODE	4980
KANNUR	4245
KASARAGOD	4108
WAYANAD	4101
THRISSUR	3999
IDUKKI	3276
PALAKKAD	3147
PATHANAM...	2817

Per day total visits in the year '22. KNR district records highest increase (101%) in total visits during the month of June compared to May.

Month	Per day total visits
January	2123
February	1702
March	1842
April	1768
May	1893
June	3821

3.2 eHealth Performance - Reach

Chart: Reach % by district

District	Reach %
THIRUVANANTHAPU...	17%
IDUKKI	11%
WAYANAD	10%
PATHANAMTHITTA	10%
PALAKKAD	9%
MALAPPURAM	8%
ALAPPUZHA	8%
KASARAGOD	7%
KANNUR	4%
KOLLAM	4%
THRISSUR	4%
ERNAKULAM	4%
KOTTAYAM	3%
KOZHIKODE	3%

Reach %

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

eHealth Kerala
State Digital Health Mission

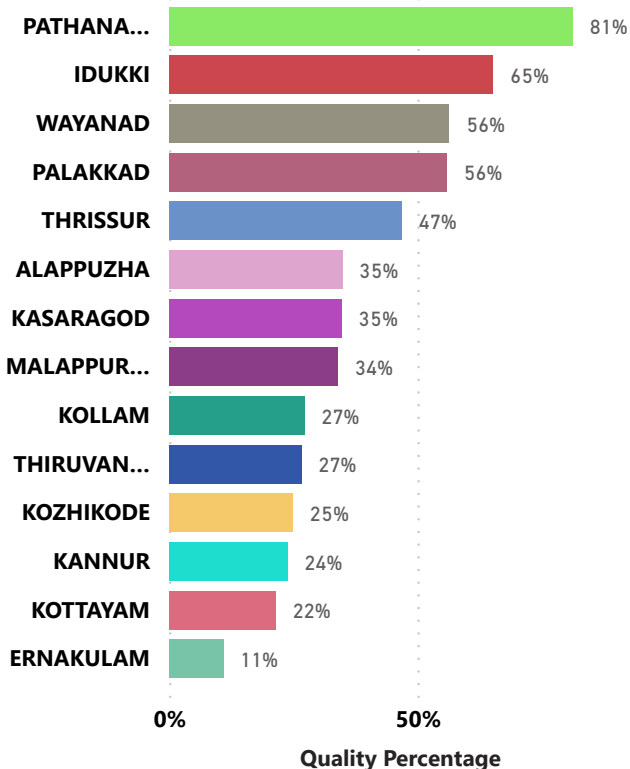## 3.3 eHealth Performance - Quality

Quality is calculated based on SNOMED CT-code based diagnosis entry by doctors and number of online consultations.

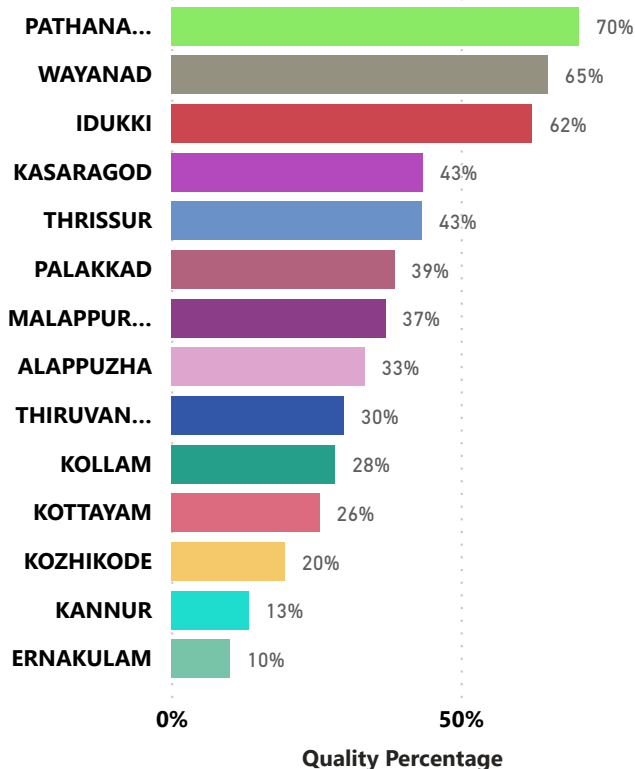Quality % = (SNOMED_Percentage + Online_Consultation_Percentage) / 2.

SNOMED_Percentage = (Number of SNOMED CT based diagnosis entry by doctors / Number of OP Consultation) * 100 .

Online_Consultation_Percentage = (Number of Online Consultation / Number of Online Booking) * 100.
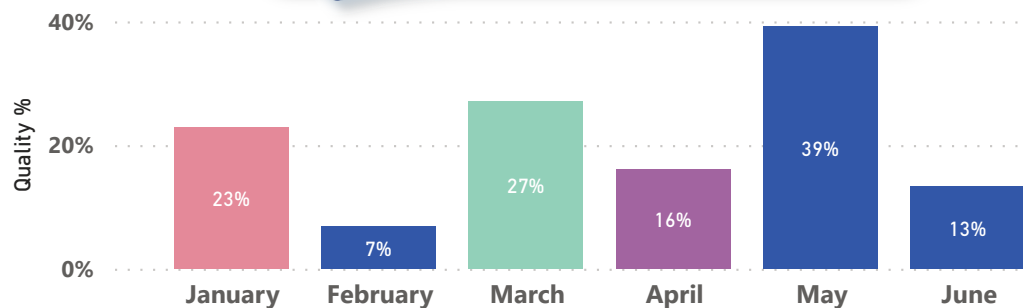
District-wise percentage of quality for the year '22.KNR holds 12th position.

District	Quality Percentage
PATHANA...	81%
IDUKKI	65%
WAYANAD	56%
PALAKKAD	56%
THRISSUR	47%
ALAPPUZHA	35%
KASARAGOD	35%
MALAPPUR...	34%
KOLLAM	27%
THIRUVAN...	27%
KOZHIKODE	25%
KANNUR	24%
KOTTAYAM	22%
ERNAKULAM	11%

District-wise percentage of quality for the month of June '22. KNR moved from 6th to 13th position in quality ranking which is below its annual average.

District	Quality Percentage
PATHANA...	70%
WAYANAD	65%
IDUKKI	62%
KASARAGOD	43%
THRISSUR	43%
PALAKKAD	39%
MALAPPUR...	37%
ALAPPUZHA	33%
THIRUVAN...	30%
KOLLAM	28%
KOTTAYAM	26%
KOZHIKODE	20%
KANNUR	13%
ERNAKULAM	10%

Month-wise quality percentage in the year '22. About 26% decrease in quality percentage during the month of June compared to previous month.

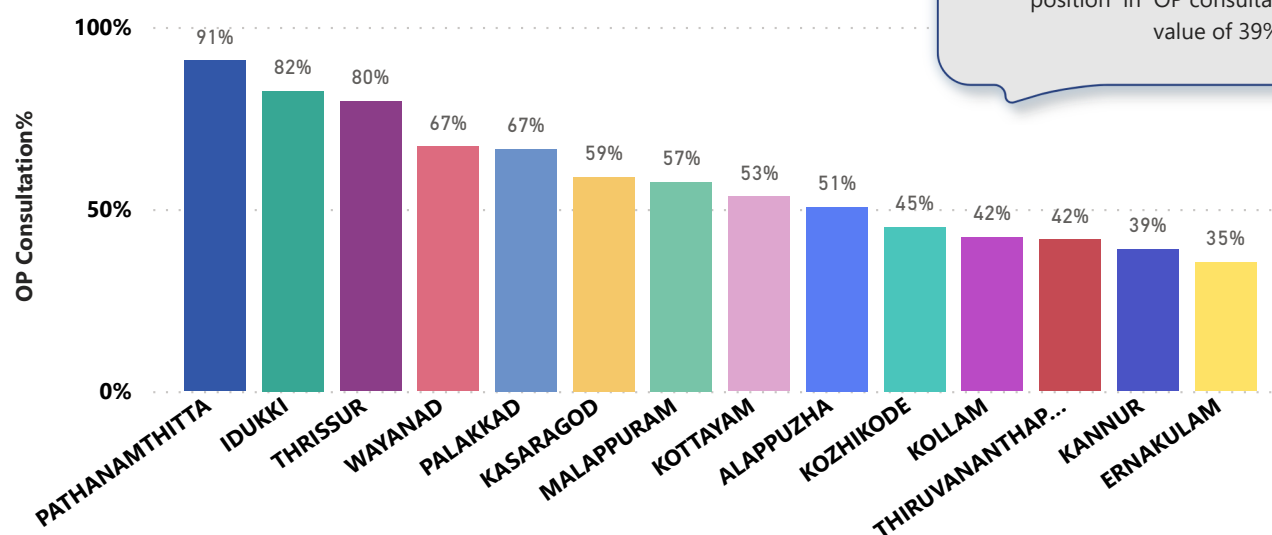| Month	Quality %
January	23%
February	7%
March	27%
April	16%
May	39%
June	13%

4.Status of Modules started in Hospitals

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

District Name	Live Institutions	Reception	Consultation	Lab	Pharmacy
THIRUVANANTHAPURAM	101	96 (95.%)	85 (84.2%)	70 (69.3%)	71 (70.3%)
THRISSUR	47	41 (87.2%)	36 (76.6%)	29 (61.7%)	35 (74.5%)
MALAPPURAM	44	27 (61.4%)	20 (45.5%)	12 (27.3%)	12 (27.3%)
PALAKKAD	38	32 (84.2%)	25 (65.8%)	17 (44.7%)	15 (39.5%)
ERNAKULAM	34	24 (70.6%)	17 (50.%)	9 (26.5%)	14 (41.2%)
KOZHIKODE	32	24 (75.%)	16 (50.%)	12 (37.5%)	13 (40.6%)
KANNUR	27	21 (77.8%)	10 (37.%)	9 (33.3%)	9 (33.3%)
KOLLAM	22	22 (100.%)	22 (100.%)	19 (86.4%)	22 (100.%)
KOTTAYAM	22	20 (90.9%)	20 (90.9%)	10 (45.5%)	18 (81.8%)
ALAPPUZHA	17	16 (94.1%)	15 (88.2%)	12 (70.6%)	14 (82.4%)
IDUKKI	16	16 (100.%)	16 (100.%)	12 (75.%)	12 (75.%)
KASARAGOD	16	16 (100.%)	15 (93.8%)	9 (56.3%)	10 (62.5%)
PATHANAMTHITTA	16	14 (87.5%)	14 (87.5%)	8 (50.%)	10 (62.5%)
WAYANAD	14	12 (85.7%)	9 (64.3%)	9 (64.3%)	8 (57.1%)
Total	**446**	**381 (85.4%)**	**320 (71.7%)**	**237 (53.1%)**	**263 (59.%)**

5. Percentage of OP Consultation

OP Consultation % is calculated as (OP Consultation count / OP Visit Count) *100
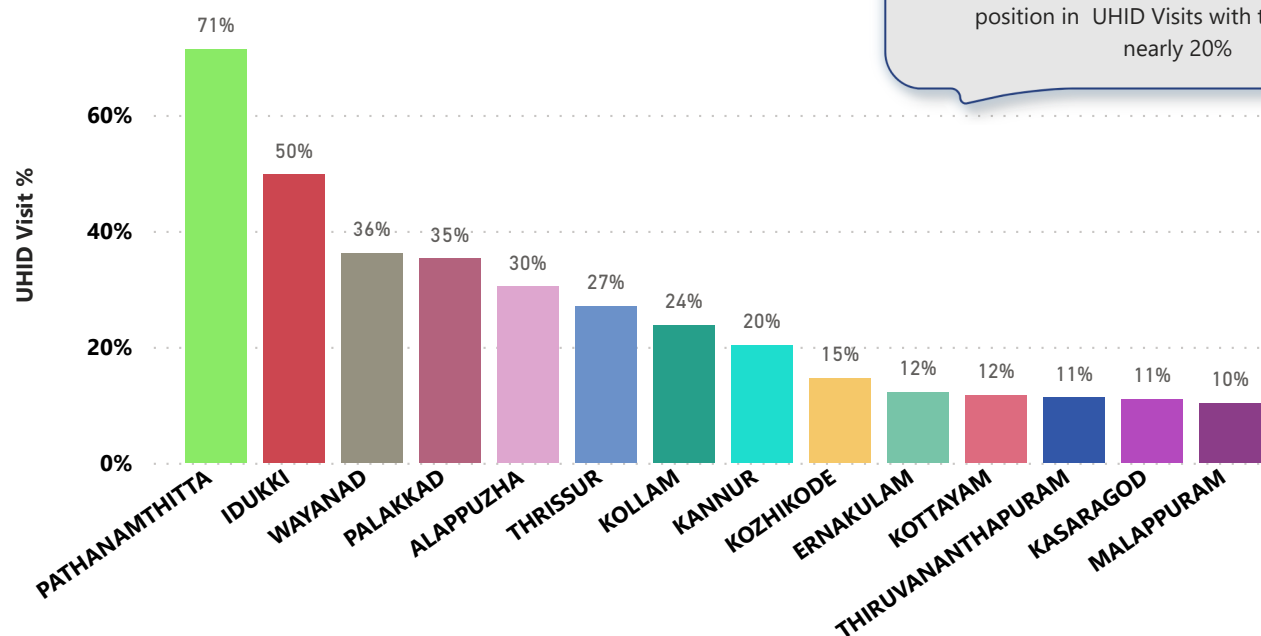
KNR district moved from 8th to 13th position in OP consultation with the value of 39%

Top Institutions based on OP Consultation

Sl No	Hospital	OP Consultation%	District
1	FAMILY HEALTH CENTRE KANKOL ALAPPADAMBA	99.73%	KANNUR
2	FAMILY HEALTH CENTRE ALAKODE THERTHALLI	99.27%	KANNUR
3	FAMILY HEALTH CENTRE VALAPATTANAM	97.14%	KANNUR
4	FAMILY HEALTH CENTRE MUNDERI	96.71%	KANNUR
5	FAMILY HEALTH CENTRE MALAPPATTAM	95.19%	KANNUR
6	FAMILY HEALTH CENTRE THILLENKERRY	94.83%	KANNUR
7	FAMILY HEALTH CENTRE CHERUTHAZHAM	92.17%	KANNUR
8	FAMILY HEALTH CENTRE KOTTIYOOR	54.19%	KANNUR
9	FAMILY HEALTH CENTRE KADIRUR	7.16%	KANNUR
10	FAMILY HEALTH CENTRE MUZHAPPILANGAD	1.49%	KANNUR

6. Percentage of UHID Visit

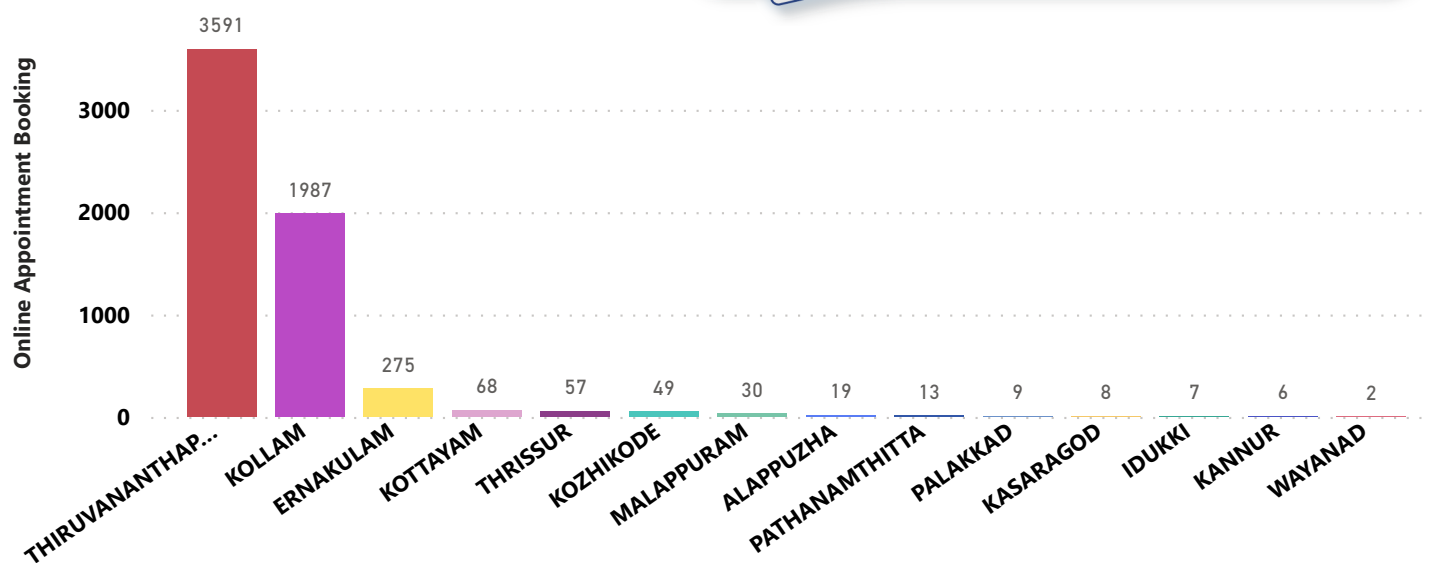UHID Visit % is calculated as (UHID Visits / OP Visit) *100

KNR district moved from 7th to 8th position in UHID Visits with the value of nearly 20%

Top Institutions based on UHID Visits

Sl No	Hospital	UHID Visit%	District
1	FAMILY HEALTH CENTRE ANJARAKKANDY	45.93%	KANNUR
2	FAMILY HEALTH CENTRE MALAPPATTAM	45.90%	KANNUR
3	FAMILY HEALTH CENTRE ALAKODE THERTHALLI	36.11%	KANNUR
4	FAMILY HEALTH CENTRE KOTTIYOOR	32.53%	KANNUR
5	FAMILY HEALTH CENTRE PULINGOME	32.29%	KANNUR
6	FAMILY HEALTH CENTRE ERAMAM KUTTUR	30.71%	KANNUR
7	FAMILY HEALTH CENTRE KANKOL ALAPPADAMBA	28.60%	KANNUR
8	FAMILY HEALTH CENTRE RAMANTHALI	27.63%	KANNUR
9	FAMILY HEALTH CENTRE KALLIASSERY	24.68%	KANNUR
10	FAMILY HEALTH CENTRE CHERUKUNNU THARA	20.62%	KANNUR
11	FAMILY HEALTH CENTRE VALAPATTANAM	18.72%	KANNUR
12	FAMILY HEALTH CENTRE KADIRUR	16.50%	KANNUR

7. Percentage of Online Appointment Booking

District-wise count of Online appointments taken during the month of June '22. KNR district moved from 10th to 13th position in the case of Online appointments.

District-wise percentage of online appointment booking up on OP visits for the month of June '22. Calculation is performed as (Online Visits / OP Visits) * 100 %.

8. Public Health Survey Status

Percentage of House Survey Completed

This indicates the percentage of house surveys completed upon the number of houses registered in each district.

District	Percentage
THIRUVANANTH...	57.04%
IDUKKI	43.25%
THRISSUR	41.75%
KANNUR	30.91%
ALAPPUZHA	4.17%
PATHANAMTHITTA	3.36%
KASARAGOD	2.27%
ERNAKULAM	2.20%
PALAKKAD	0.76%
WAYANAD	0.76%
KOLLAM	0.64%
KOTTAYAM	0.28%
KOZHIKODE	0.05%
MALAPPURAM	0.03%

Percentage of Member Survey Completed

This indicates the percentage of member surveys completed upon the total number of members registered in each district.

District	Percentage
THIRUVANANTH...	3.13%
THRISSUR	0.84%
KANNUR	0.63%
KASARAGOD	0.15%
IDUKKI	0.12%
PATHANAMTHITTA	0.10%
PALAKKAD	0.07%
ALAPPUZHA	0.05%
KOLLAM	0.03%
WAYANAD	0.02%
KOZHIKODE	0.02%
ERNAKULAM	0.01%
KOTTAYAM	0.01%
MALAPPURAM	0.00%