e-Health Monthly Performance Report
KOZHIKODE

eHealth Kerala
State Digital Health Mission

May 2022

1. eHealth Kerala - Vital Statistics

Live Institutions	28
Medical College Hospitals	2
PHCs/FHCs	20
CHCs	0
DHs/GHs	0
PH Labs	0
Other(Inc Taluk Hospitals)	6
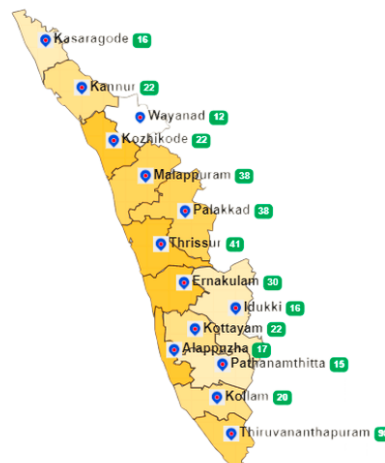
2. Highlights

> eHealth rolled out in 5 new institutions during the month of May '22.

> The district shows highest increase in per day total visit compared with past 4 months.

> The district stands at 4th position in the case of online appointment booking.

> The district holds 14th position in the case of Reach ranking which is based on the Number of UHID Registered with respect to population.

> Kozhikode district stands at 13th position in quality ranking which is based on SNOWMED CT diagnosis entered by doctors and online consultation %.

> Nearly 7% decrease in quality percentage during the month of May comapred to previous month.

> The district stands at 9th position in the case of OP Consultation% and UHID Visit %

> Percentage of house survey completion is .05%(13th position) and member survey completion is 0.02%.

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 May '22 is given below:

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

Best performing
Average performing
Low performing

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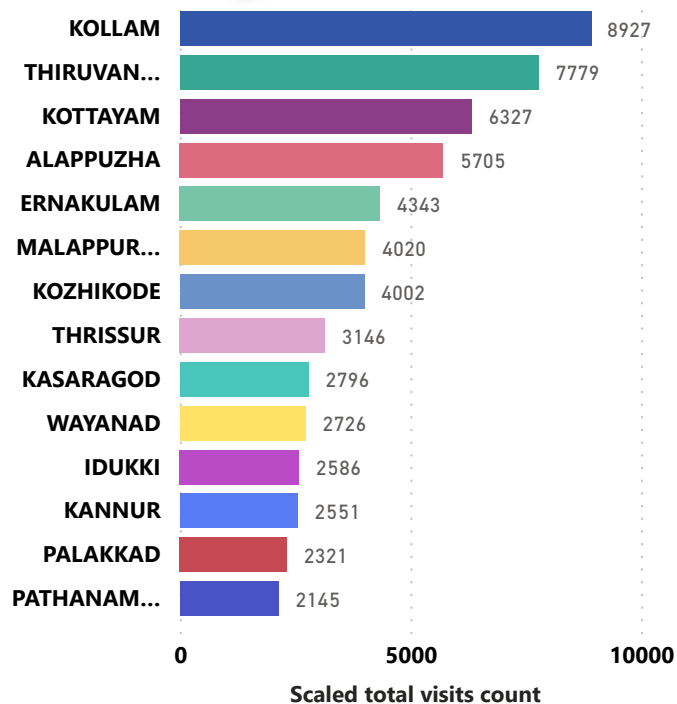**State Digital Health Mission**

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)
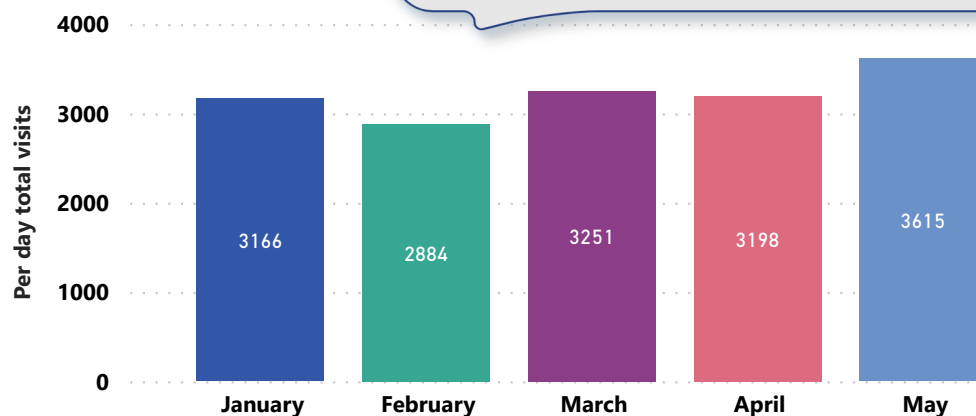
District-wise scaled count of total visits for the year 2022. KOZ stands at 5th position in the number of total visits scaled down by the number of live institutions.
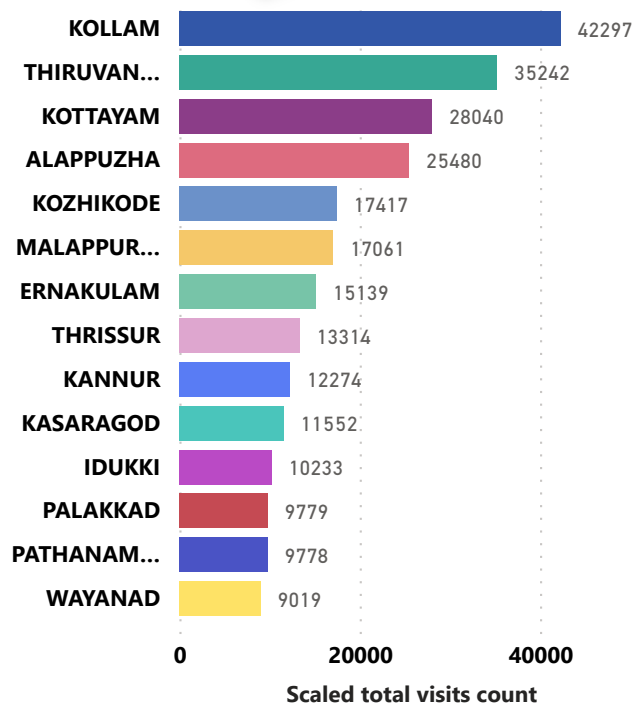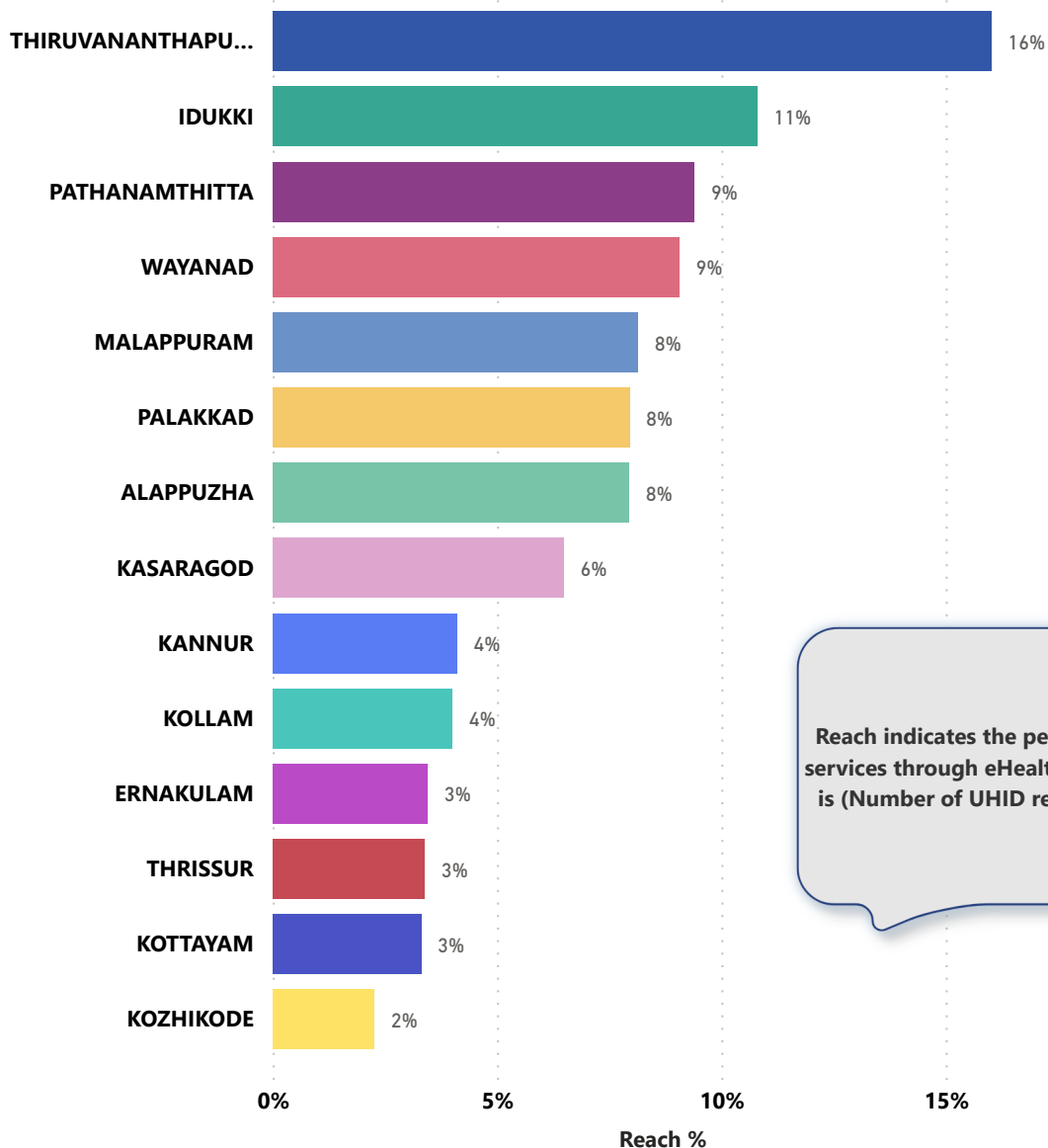
District-wise scaled count of total visits for the month of May '22. KOZ stands at 7th position in the number of scaled total visits count.

District	Scaled total visits count (2022)
KOLLAM	42297
THIRUVAN...	35242
KOTTAYAM	28040
ALAPPUZHA	25480
KOZHIKODE	17417
MALAPPUR...	17061
ERNAKULAM	15139
THRISSUR	13314
KANNUR	12274
KASARAGOD	11552
IDUKKI	10233
PALAKKAD	9779
PATHANAM...	9778
WAYANAD	9019

District	Scaled total visits count (May '22)
KOLLAM	8927
THIRUVAN...	7779
KOTTAYAM	6327
ALAPPUZHA	5705
ERNAKULAM	4343
MALAPPUR...	4020
KOZHIKODE	4002
THRISSUR	3146
KASARAGOD	2796
WAYANAD	2726
IDUKKI	2586
KANNUR	2551
PALAKKAD	2321
PATHANAM...	2145

Per day total visits in the year '22. KOZ district records increase in total visits during the month of May compared to April.

Month	Per day total visits
January	3166
February	2884
March	3251
April	3198
May	3615

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3.2 eHealth Performance - Reach

District	Reach %
THIRUVANANTHAPU...	16%
IDUKKI	11%
PATHANAMTHITTA	9%
WAYANAD	9%
MALAPPURAM	8%
PALAKKAD	8%
ALAPPUZHA	8%
KASARAGOD	6%
KANNUR	4%
KOLLAM	4%
ERNAKULAM	3%
THRISSUR	3%
KOTTAYAM	3%
KOZHIKODE	2%

Reach %

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

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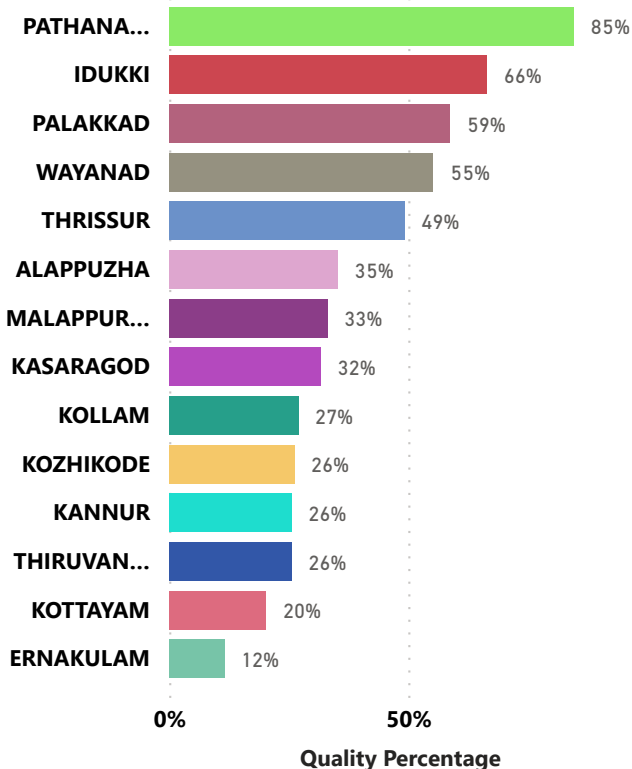
3.3 eHealth Performance - Quality

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

Quality % = (SNOMED_Percentage_scaled + Online_Consultation_Percentage_scaled) / 20 * 100.
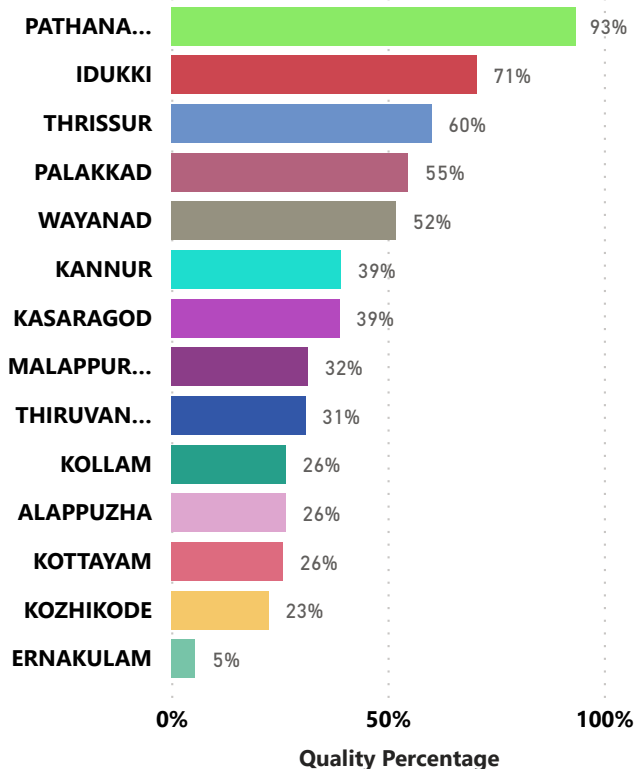
SNOMED_Percentage_scaled = [(Number of SNOMED CT based diagnosis entry by doctors / Number of OP Consultation) * 100]/10.

Online_Consultation_Percentage_scaled = [(Number of Online Consultation / Number of Online Booking) * 100]/10.

District-wise percentage of quality for the year '22.KOZ holds 10th position.

District	Quality Percentage
PATHANA...	85%
IDUKKI	66%
PALAKKAD	59%
WAYANAD	55%
THRISSUR	49%
ALAPPUZHA	35%
MALAPPUR...	33%
KASARAGOD	32%
KOLLAM	27%
KOZHIKODE	26%
KANNUR	26%
THIRUVAN...	26%
KOTTAYAM	20%
ERNAKULAM	12%

Quality Percentage

District-wise percentage of quality for the month of May '22. KOZ stands at 13th position in quality ranking which is below its annual average.

District	Quality Percentage
PATHANA...	93%
IDUKKI	71%
THRISSUR	60%
PALAKKAD	55%
WAYANAD	52%
KANNUR	39%
KASARAGOD	39%
MALAPPUR...	32%
THIRUVAN...	31%
KOLLAM	26%
ALAPPUZHA	26%
KOTTAYAM	26%
KOZHIKODE	23%
ERNAKULAM	5%

Quality Percentage

Month-wise quality percentage in the year '22. About 7% decrease in quality percentage during the month of May compared to previous month.

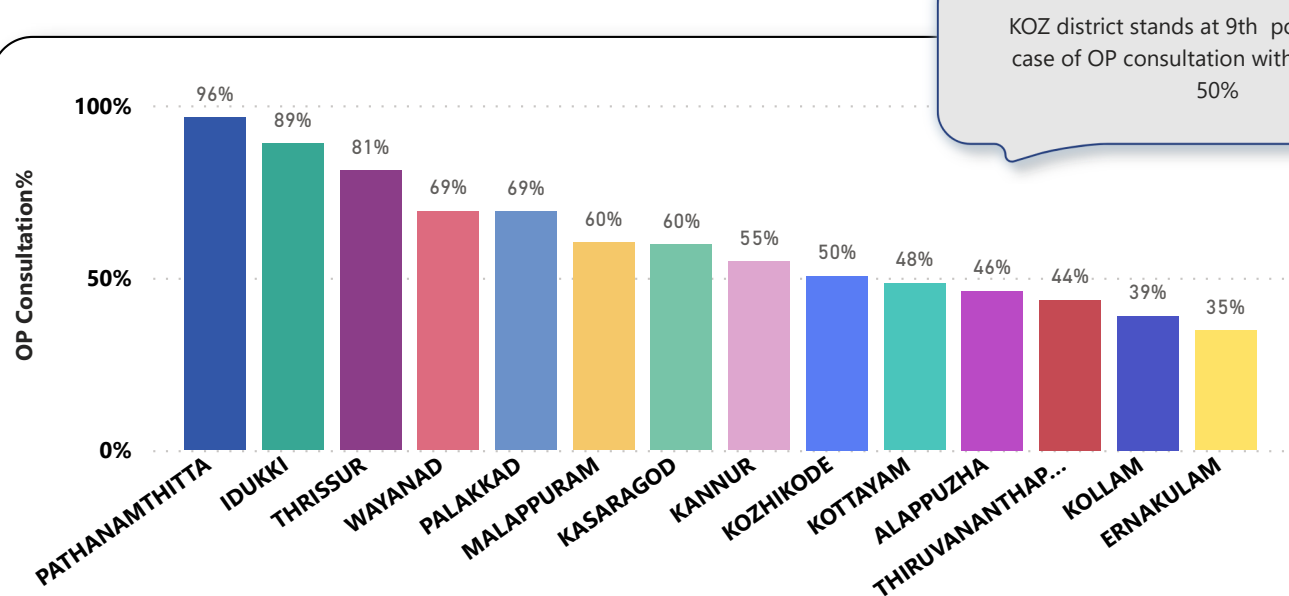| Month	Quality %
January	28%
February	24%
March	28%
April	30%
May	23%
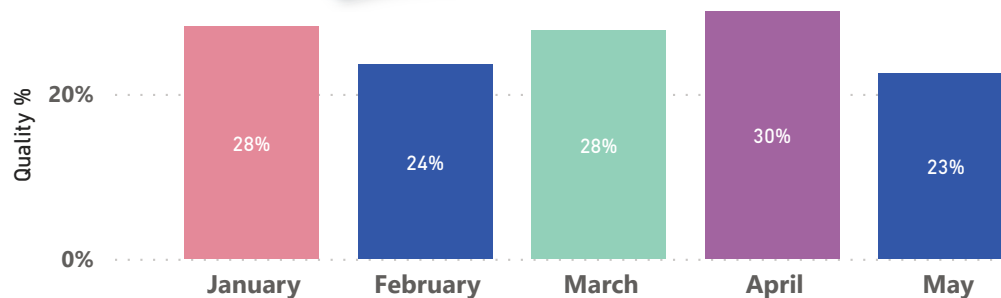
4.Status of Modules started in Hospitals

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	97 (96.%)	85 (84.2%)	72 (71.3%)	69 (68.3%)
THRISSUR	44	40 (90.9%)	38 (86.4%)	32 (72.7%)	35 (79.5%)
MALAPPURAM	42	26 (61.9%)	22 (52.4%)	15 (35.7%)	13 (31.%)
PALAKKAD	38	30 (78.9%)	25 (65.8%)	19 (50.%)	15 (39.5%)
ERNAKULAM	33	22 (66.7%)	17 (51.5%)	10 (30.3%)	14 (42.4%)
KOZHIKODE	28	21 (75.%)	15 (53.6%)	11 (39.3%)	12 (42.9%)
KANNUR	23	21 (91.3%)	10 (43.5%)	8 (34.8%)	9 (39.1%)
KOTTAYAM	22	20 (90.9%)	19 (86.4%)	13 (59.1%)	16 (72.7%)
KOLLAM	21	21 (100.%)	20 (95.2%)	18 (85.7%)	19 (90.5%)
ALAPPUZHA	17	16 (94.1%)	16 (94.1%)	12 (70.6%)	15 (88.2%)
IDUKKI	16	15 (93.8%)	15 (93.8%)	11 (68.8%)	13 (81.3%)
KASARAGOD	16	16 (100.%)	15 (93.8%)	11 (68.8%)	12 (75.%)
PATHANAMTHITTA	15	14 (93.3%)	14 (93.3%)	7 (46.7%)	10 (66.7%)
WAYANAD	12	12 (100.%)	8 (66.7%)	8 (66.7%)	8 (66.7%)
Total	**428**	**371 (86.7%)**	**319 (74.5%)**	**247 (57.7%)**	**260 (60.7%)**

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5. Percentage of OP Consultation

OP Consultation % is calculated as (OP Consultation count / OP Visit Count) *100

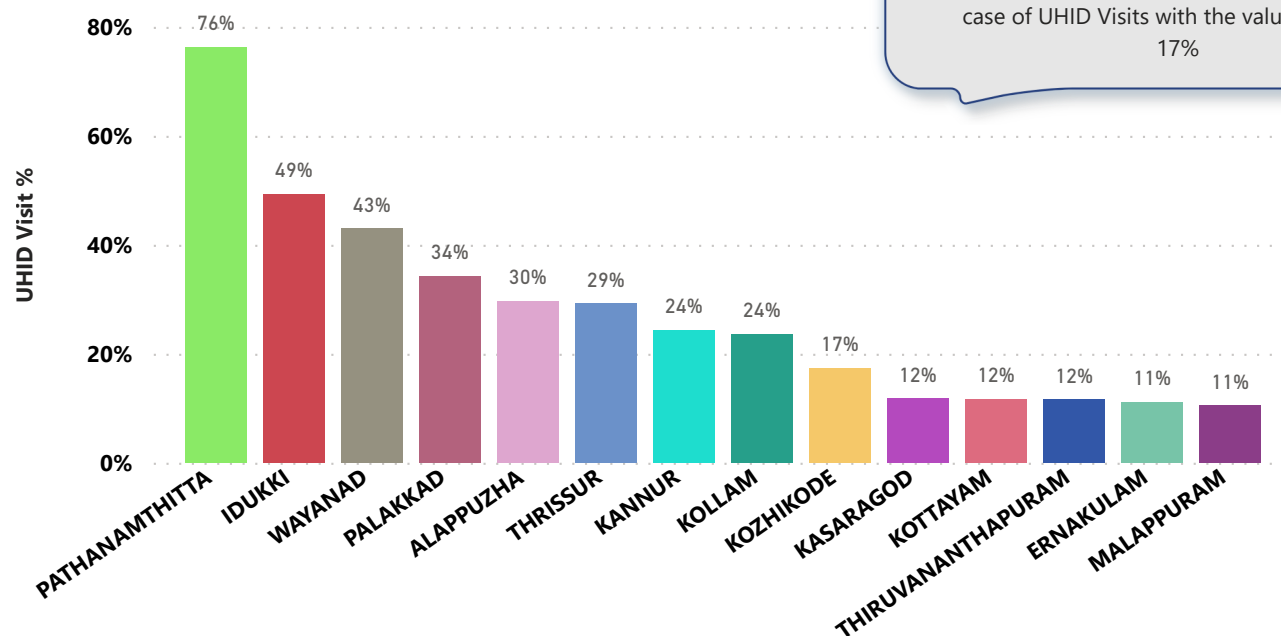KOZ district stands at 9th position in the case of OP consultation with the value of 50%

OP Consultation%

District	%
PATHANAMTHITTA	96%
IDUKKI	89%
THRISSUR	81%
WAYANAD	69%
PALAKKAD	69%
MALAPPURAM	60%
KASARAGOD	60%
KANNUR	55%
KOZHIKODE	50%
KOTTAYAM	48%
ALAPPUZHA	46%
THIRUVANANTHAP...	44%
KOLLAM	39%
ERNAKULAM	35%

Top Institutions based on OP Consultation

Sl No	Hospital	OP Consultation%	District
1	FAMILY HEALTH CENTRE MOODADI	99.70%	KOZHIKODE
2	FAMILY HEALTH CENTRE ATHOLI	99.31%	KOZHIKODE
3	FAMILY HEALTH CENTRE IRINGAL KOTTAKKAL	98.83%	KOZHIKODE
4	FAMILY HEALTH CENTRE RAMANATUKARA	97.56%	KOZHIKODE
5	FAMILY HEALTH CENTRE VADAKARA	96.31%	KOZHIKODE
6	FAMILY HEALTH CENTRE MARUTHONKARA	93.70%	KOZHIKODE
7	FAMILY HEALTH CENTRE PANANGAD	93.17%	KOZHIKODE
8	FAMILY HEALTH CENTRE AYANCHERY	90.32%	KOZHIKODE
9	FAMILY HEALTH CENTRE ARIKKULAM	89.28%	KOZHIKODE
10	FAMILY HEALTH CENTRE CHALIYAM	86.74%	KOZHIKODE
11	INSTITUTE OF CHEST DISEASE KOZHIKODE	62.03%	KOZHIKODE
12	FAMILY HEALTH CENTRE PUDUPPADI	54.43%	KOZHIKODE

6. Percentage of UHID Visit

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

KOZ district stands at 9th position in the case of UHID Visits with the value of nearly 17%
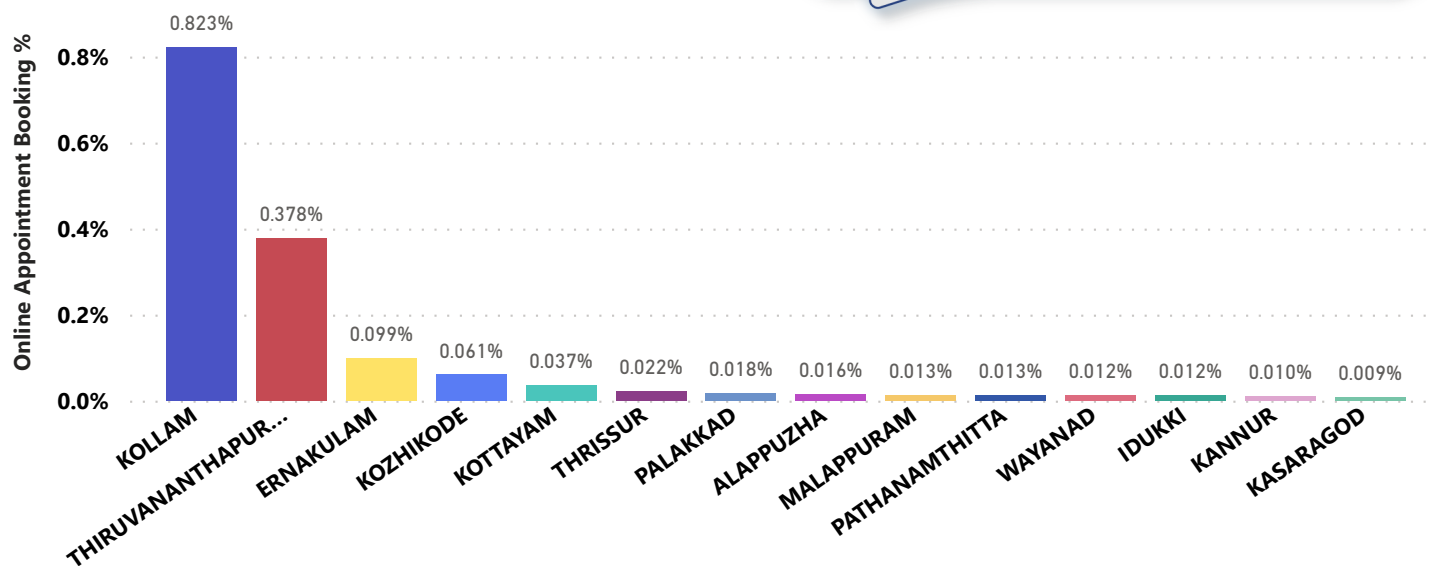
Top Institutions based on UHID Visits

Sl No	Hospital	UHID Visit%	District
1	INSTITUTE OF CHEST DISEASE KOZHIKODE	66.93%	KOZHIKODE
2	FAMILY HEALTH CENTRE MOODADI	51.55%	KOZHIKODE
3	FAMILY HEALTH CENTRE ARIKKULAM	45.93%	KOZHIKODE
4	FAMILY HEALTH CENTRE PANANGAD	44.37%	KOZHIKODE
5	FAMILY HEALTH CENTRE MARUTHONKARA	34.05%	KOZHIKODE
6	FAMILY HEALTH CENTRE KOODARANJI	30.42%	KOZHIKODE
7	FAMILY HEALTH CENTRE ATHOLI	29.74%	KOZHIKODE
8	FAMILY HEALTH CENTRE KODIYATHUR	23.56%	KOZHIKODE
9	FAMILY HEALTH CENTRE PUDUPPADI	20.39%	KOZHIKODE
10	FAMILY HEALTH CENTRE MEPPAYYUR	17.35%	KOZHIKODE
11	FAMILY HEALTH CENTRE AYANCHERY	15.02%	KOZHIKODE
12	FAMILY HEALTH CENTRE THIRUVAMBADI	13.94%	KOZHIKODE

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7. Percentage of Online Appointment Booking

District-wise count of Online appointments taken during the month of May '22. KOZ district stands at 4th position in the case of Online appointments.
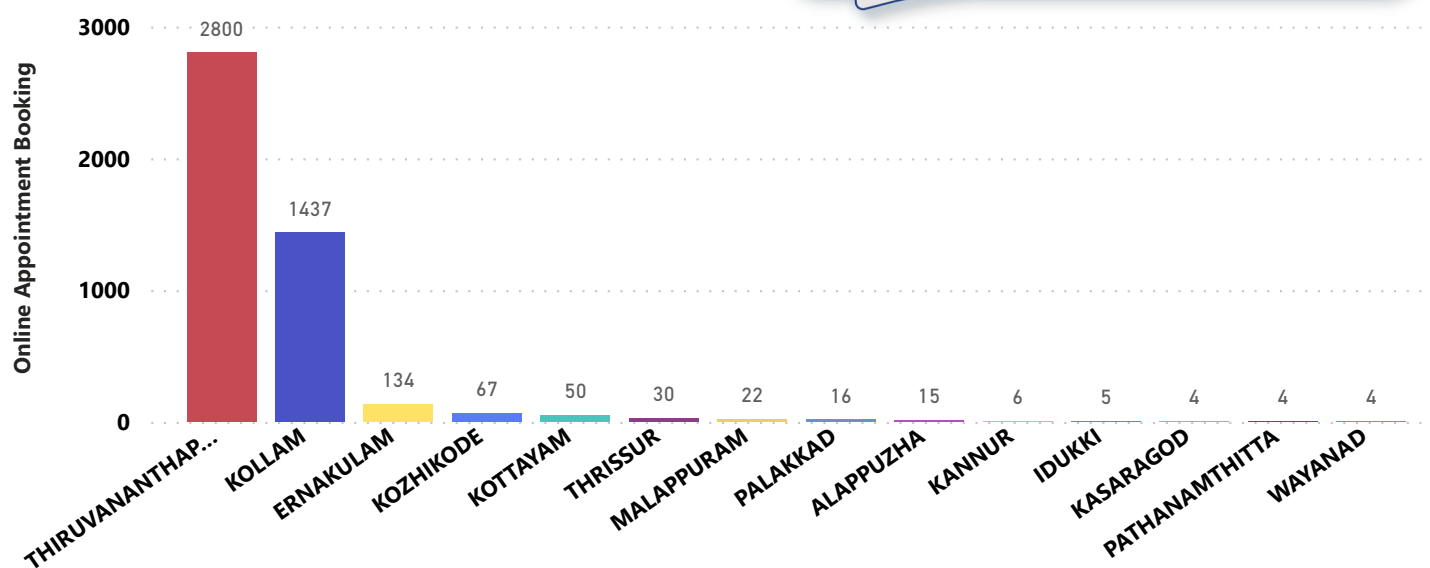
District-wise percentage of online appointment booking up on OP visits for the month of May '22. Calculation is performed as (Online Visits / OP Visits) * 100 %.

8. Public Health Survey Status

Percentage of House Survey Completed

- THIRUVANANTH… — 57.04%
- IDUKKI — 43.25%
- THRISSUR — 41.77%
- KANNUR — 30.92%
- ALAPPUZHA — 4.17%
- PATHANAMTHITTA — 3.36%
- KASARAGOD — 2.27%
- ERNAKULAM — 2.19%
- PALAKKAD — 0.76%
- WAYANAD — 0.75%
- KOLLAM — 0.64%
- KOTTAYAM — 0.28%
- KOZHIKODE — 0.05%
- MALAPPURAM — 0.03%

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

Percentage of Member Survey Completed

- THIRUVANANTH… — 3.14%
- THRISSUR — 0.84%
- KANNUR — 0.63%
- KASARAGOD — 0.15%
- IDUKKI — 0.12%
- PATHANAMTHITTA — 0.10%
- PALAKKAD — 0.07%
- ALAPPUZHA — 0.05%
- KOLLAM — 0.03%
- KOZHIKODE — 0.02%
- WAYANAD — 0.02%
- ERNAKULAM — 0.01%
- KOTTAYAM — 0.01%
- MALAPPURAM — 0.00%

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