e-Health Monthly Performance Report
KOZHIKODE

eHealth Kerala
State Digital Health Mission

June 2022

1. eHealth Kerala - Vital Statistics

Live Institutions	32
Medical College Hospitals	2
PHCs/FHCs	20
CHCs	2
DHs/GHs	1
PH Labs	0
Other(Inc Taluk Hospitals)	7

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 4 new institutions during the month of June '22.

- The district recorded consistent growth in per day total visits for the past 3 months. Nearly 47% increase is recorded during the month of June compared with May.

- The district remains at 7th rank in the number of scaled total visit count (Quantity rank)during month of June.

- The district improved from 13th position to 12th position in quality ranking which is based on SNOWMED CT diagnosis entered by doctors and online consultation %.

- The district remains at 14th position in Reach ranking which is based on the Number of UHID Registered with respect to population.

- Nearly 3% decrease in quality percentage during the month of June compared to previous month.

- The district moved from position 9 to position 10 in OP Consultation% .

- The district moved from position 4 to position 6 in Online Appointment Booking.

- Percentage of house survey completed is .05% and member survey is completed 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.

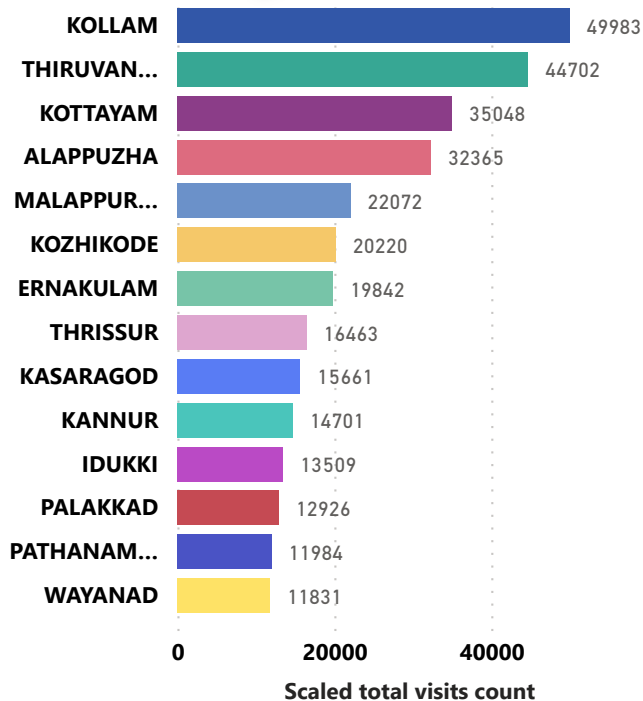The ranking matrix for the month of June '22 is given below:

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
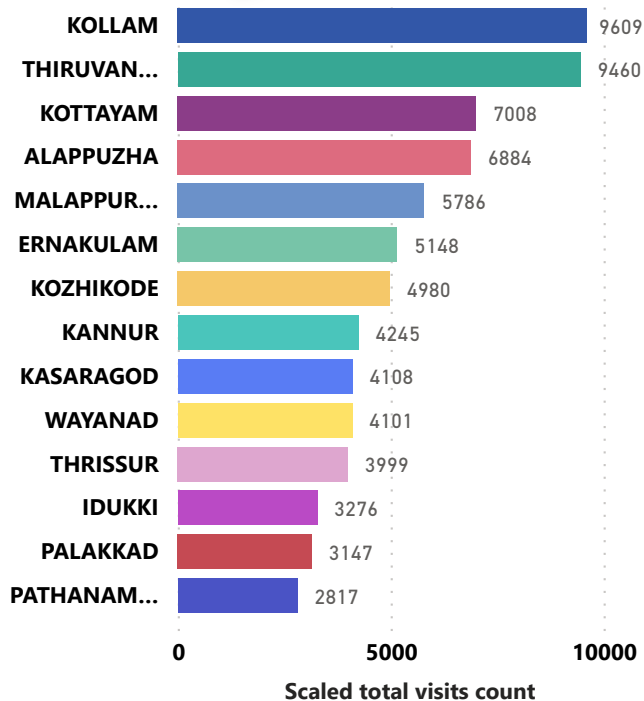- 🟨 Average performing
- 🟥 Low performing

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)
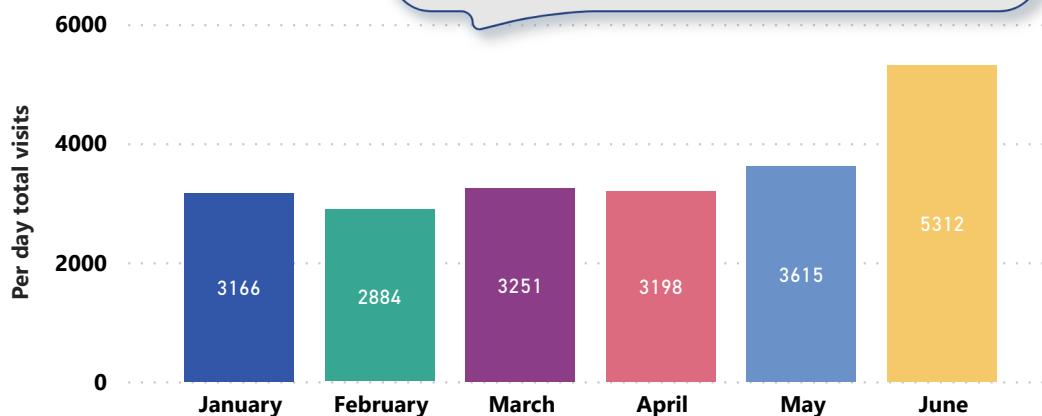
District-wise scaled count of total visits for the year 2022. KOZ moved from 5th position (during May)to 6th position in the number of total visits scaled down by the number of live institutions.
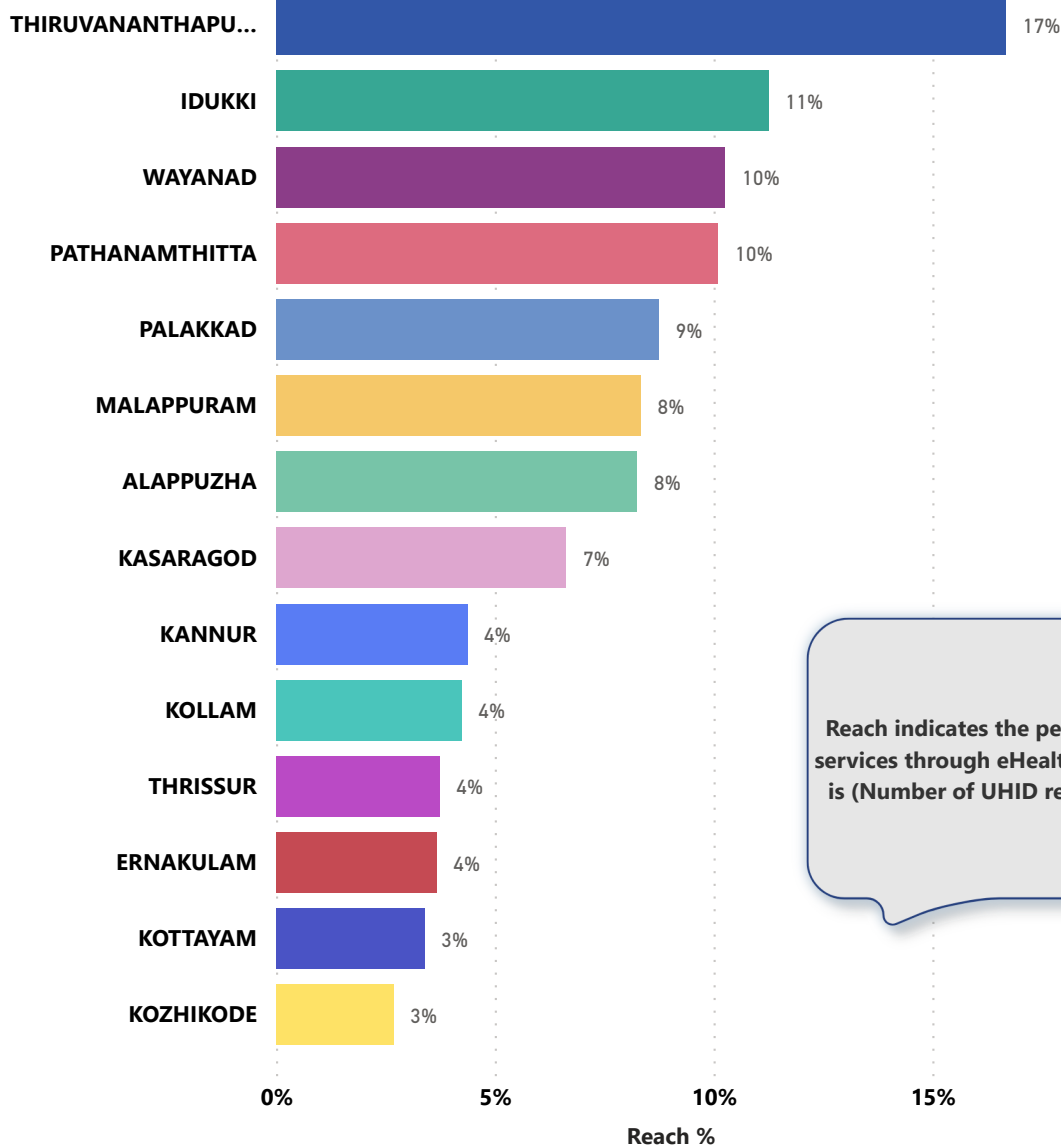
District-wise scaled count of total visits for the month of june '22. KOZ remains at 7th position in the number of scaled total visits count.

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. KOZ district records nearly 47 % increase in total visits during the month of June compared to May.

Month	Per day total visits
January	3166
February	2884
March	3251
April	3198
May	3615
June	5312

3.2 eHealth Performance - 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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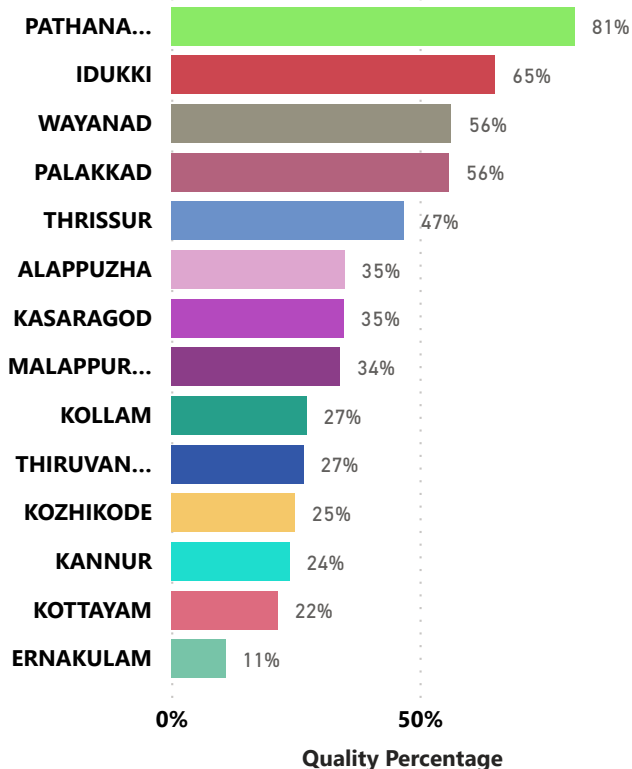
3.3 eHealth Performance - Quality

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

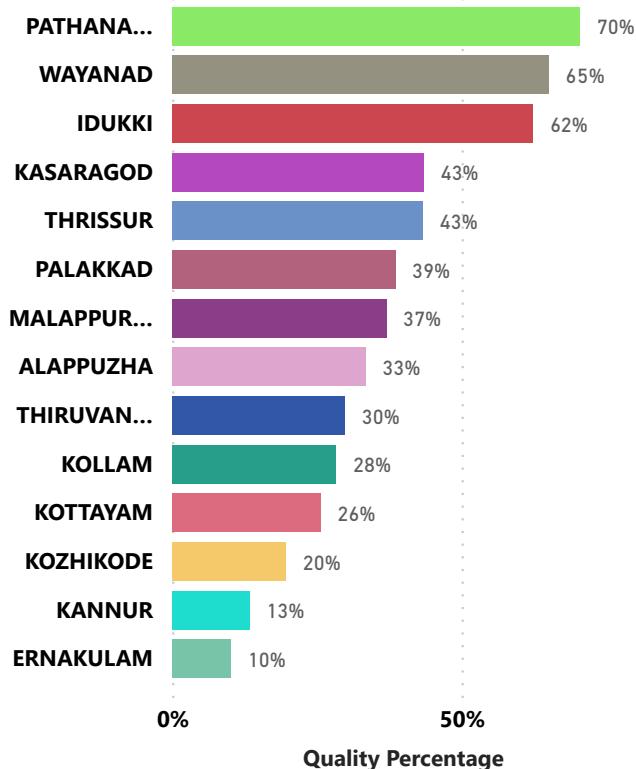Quality % = (SNOMED_Percentage + Online_Consultation_Percentage) / 2.

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.
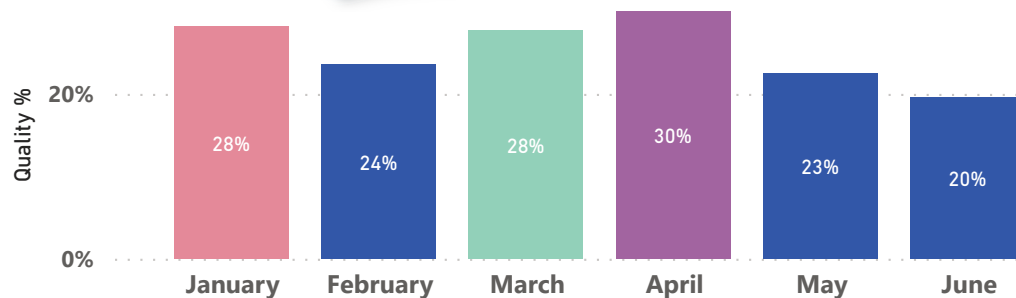
District-wise percentage of quality for the year '22.KOZ moved from 10th position(during May) to 11th position.

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. KOZ improved position from 13 to 12 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 3% decrease in quality percentage during the month of June compared to previous month.

Month	Quality %
January	28%
February	24%
March	28%
April	30%
May	23%
June	20%

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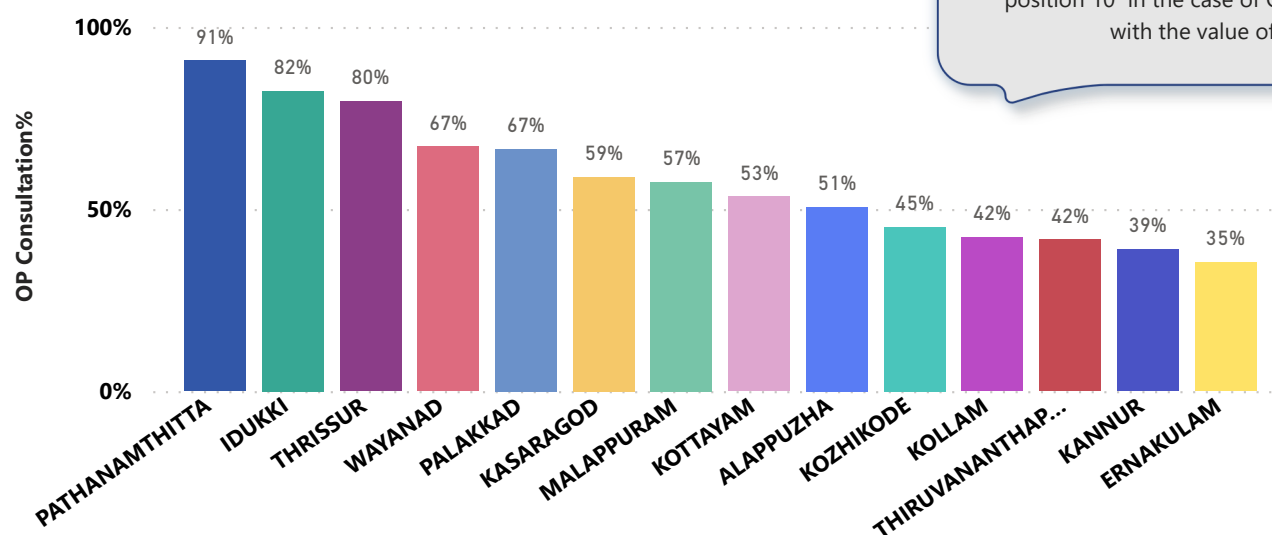State Digital Health Mission

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
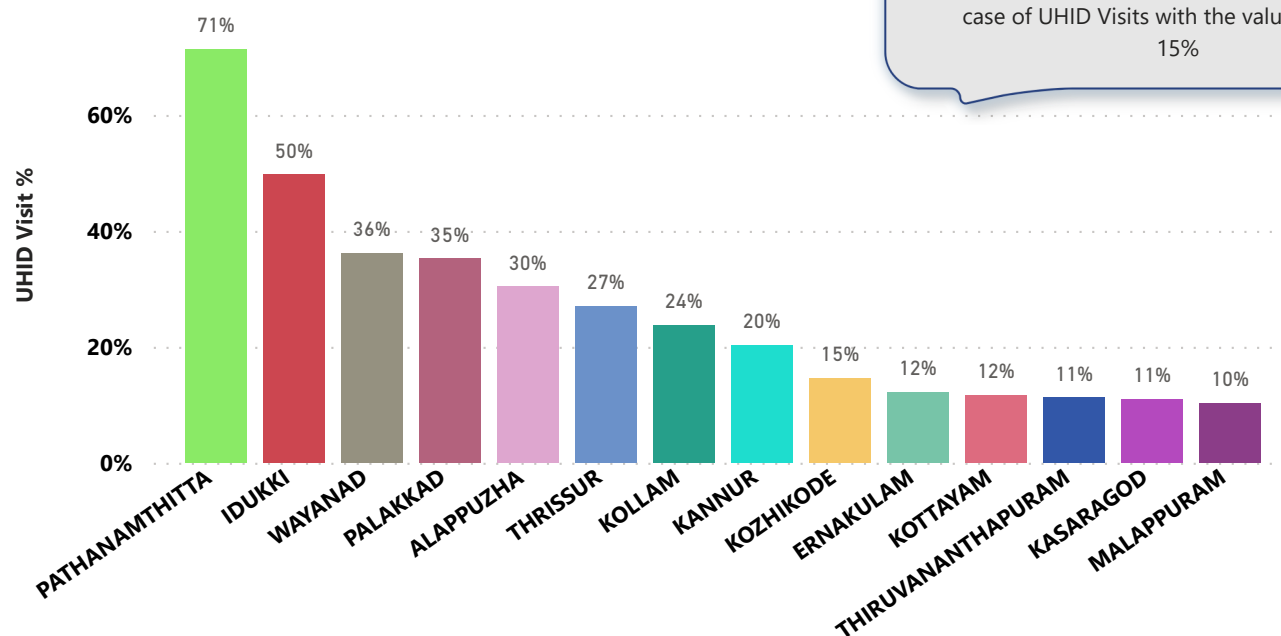
KOZ district moved from position 9 to position 10 in the case of OP consultation with the value of 45%

Top Institutions based on OP Consultation

Sl No	Hospital	OP Consultation%	District
1	FAMILY HEALTH CENTRE IRINGAL KOTTAKKAL	99.90%	KOZHIKODE
2	FAMILY HEALTH CENTRE MOODADI	99.76%	KOZHIKODE
3	FAMILY HEALTH CENTRE ATHOLI	99.33%	KOZHIKODE
4	FAMILY HEALTH CENTRE VADAKARA	98.33%	KOZHIKODE
5	FAMILY HEALTH CENTRE RAMANATUKARA	98.04%	KOZHIKODE
6	FAMILY HEALTH CENTRE MARUTHONKARA	91.26%	KOZHIKODE
7	FAMILY HEALTH CENTRE THIRUVAMBADI	90.46%	KOZHIKODE
8	FAMILY HEALTH CENTRE PANANGAD	87.91%	KOZHIKODE
9	FAMILY HEALTH CENTRE AYANCHERY	69.86%	KOZHIKODE
10	FAMILY HEALTH CENTRE PUDUPPADI	63.63%	KOZHIKODE
11	FAMILY HEALTH CENTRE ARIKKULAM	61.06%	KOZHIKODE

6. Percentage of UHID Visit

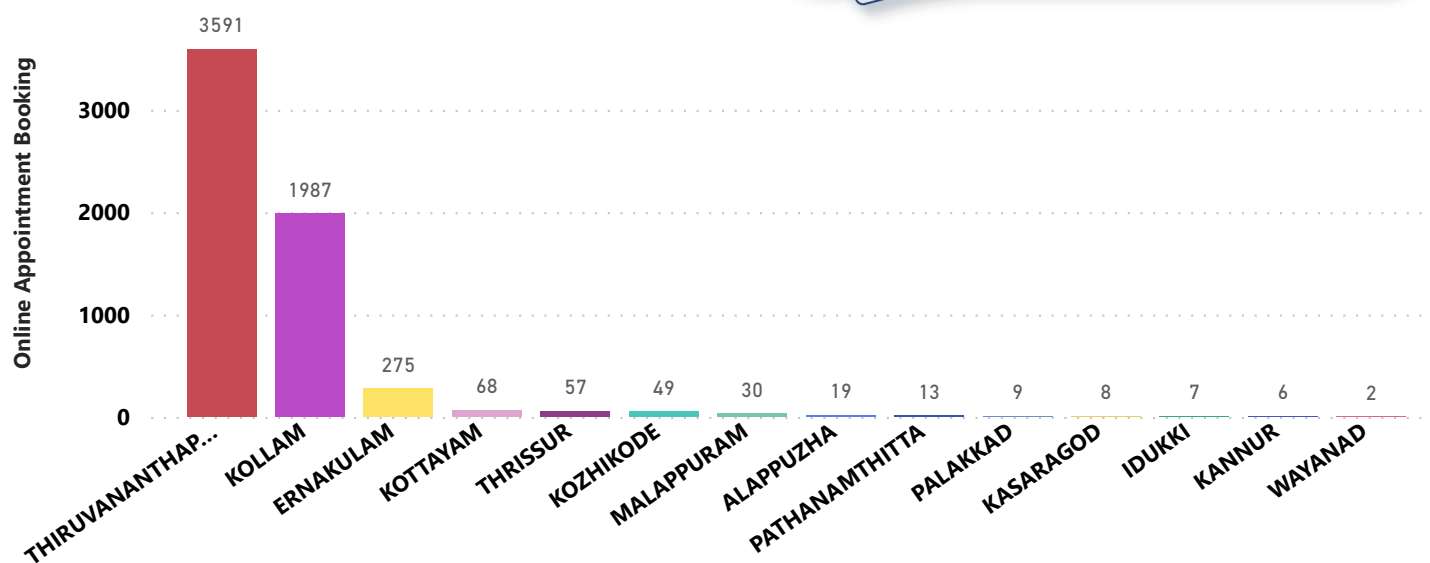UHID Visit % is calculated as (UHID Visits / OP Visit) *100

KOZ district remains at 9th position in the case of UHID Visits with the value of nearly 15%

Top Institutions based on UHID Visits

Sl No	Hospital	UHID Visit%	District
1	INSTITUTE OF CHEST DISEASE KOZHIKODE	63.64%	KOZHIKODE
2	FAMILY HEALTH CENTRE MOODADI	45.91%	KOZHIKODE
3	FAMILY HEALTH CENTRE ARIKKULAM	36.94%	KOZHIKODE
4	FAMILY HEALTH CENTRE PANANGAD	36.28%	KOZHIKODE
5	FAMILY HEALTH CENTRE KOODARANJI	27.71%	KOZHIKODE
6	FAMILY HEALTH CENTRE ATHOLI	25.51%	KOZHIKODE
7	FAMILY HEALTH CENTRE MARUTHONKARA	24.74%	KOZHIKODE
8	FAMILY HEALTH CENTRE KODIYATHUR	22.52%	KOZHIKODE
9	FAMILY HEALTH CENTRE PUDUPPADI	15.33%	KOZHIKODE
10	FAMILY HEALTH CENTRE MEPPAYYUR	13.73%	KOZHIKODE
11	FAMILY HEALTH CENTRE THIRUVAMBADI	13.70%	KOZHIKODE
12	FAMILY HEALTH CENTRE AYANCHERY	12.59%	KOZHIKODE

7. Percentage of Online Appointment Booking

District-wise count of Online appointments taken during the month of June '22. KOZ moved from position 4 to position 6 in the case of Online appointme...

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.

- 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.

- 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%