e-Health Monthly Performance Report
KOTTAYAM

eHealth Kerala
State Digital Health Mission

June 2022

1. eHealth Kerala - Vital Statistics

Live Institutions	22
Medical College Hospitals	1
PHCs/FHCs	20
CHCs	0
DHs/GHs	0
PH Labs	0
Other(Inc Taluk Hospitals)	1

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
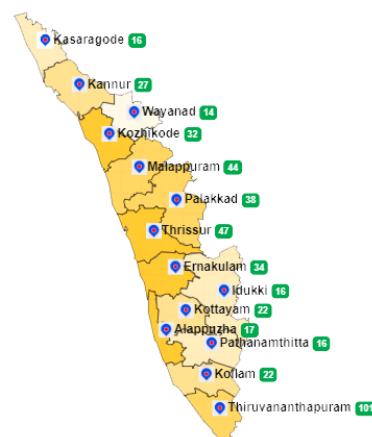
2. Highlights

» The Kottayam district remains at 3rd position in quantity ranking which is based on total visits scaled down by the number of live institutions.

» The district records consistent growth in per day op visits for the past 5 months with nearly 14% increase during the month of June.

» The district has improved its position in OP consultation percentage from 10(during May) to position 8, with an increase of nearly 5%.

» The Kottayam district has improved its position in online appointments from 5 to position 4.

» The Kottayam district stands at 11th position in quality ranking which is based on SNOMED CT diagnosis entered by doctors and online consultation percentage.

» The district remains at 11th position in UHID visits.

» Percentage of house survey completed is 0.28% and member survey is completed is 0.01%.

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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

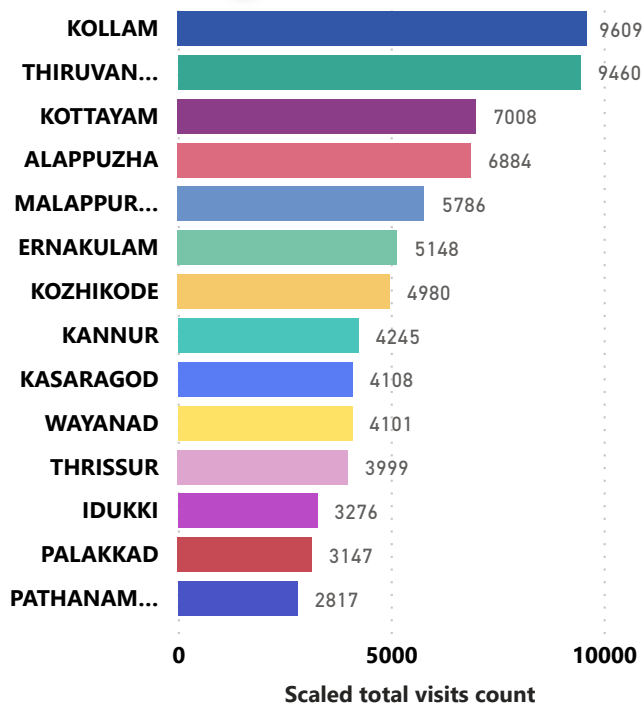|	
🟩	Best performing
🟨	Average performing
🟥	Low performing

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. Kottayam stands at 3rd position in the number of total visits scaled down by the number of live institutions.
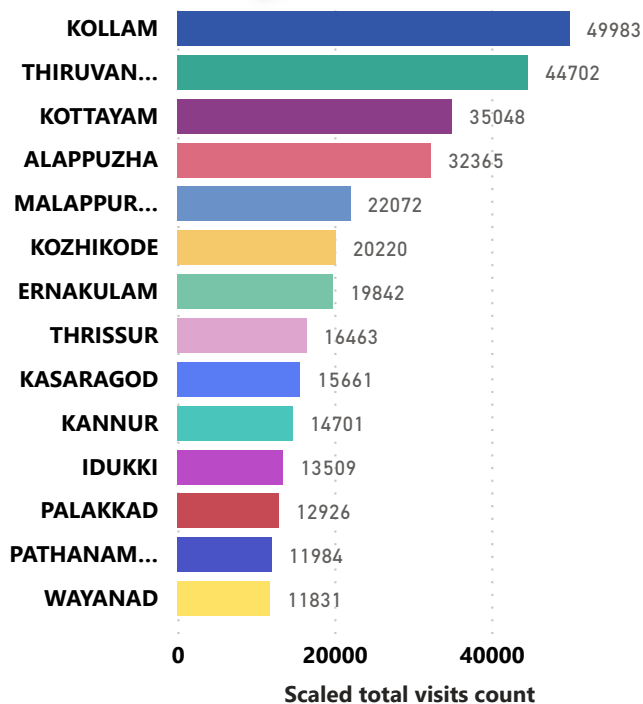
District-wise scaled count of total visits for the month of June '22. Kottayam remains at 3rd position in the number of scaled total visits count.

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. Kottayam district records nearly 14% increase in total visits during the month of June compared to the previous month. .

Month	Per day total visits
January	3842
February	3624
March	4057
April	4378
May	4490
June	5139
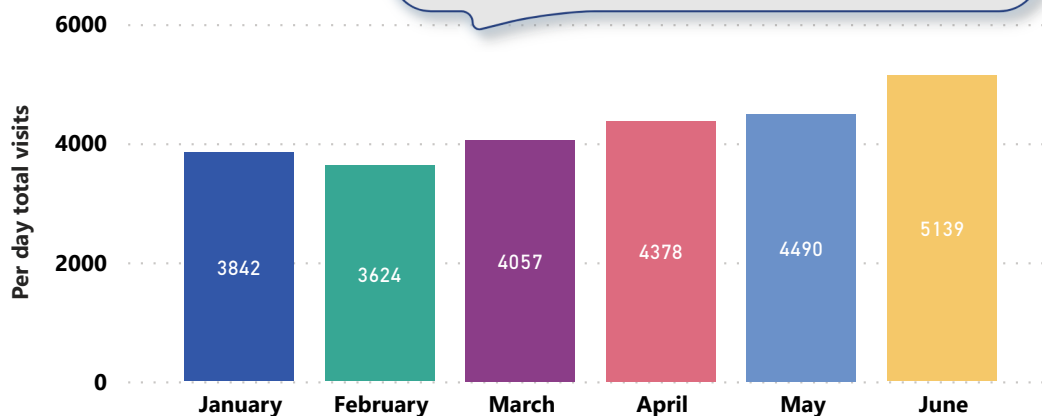
3.2 eHealth Performance - Reach
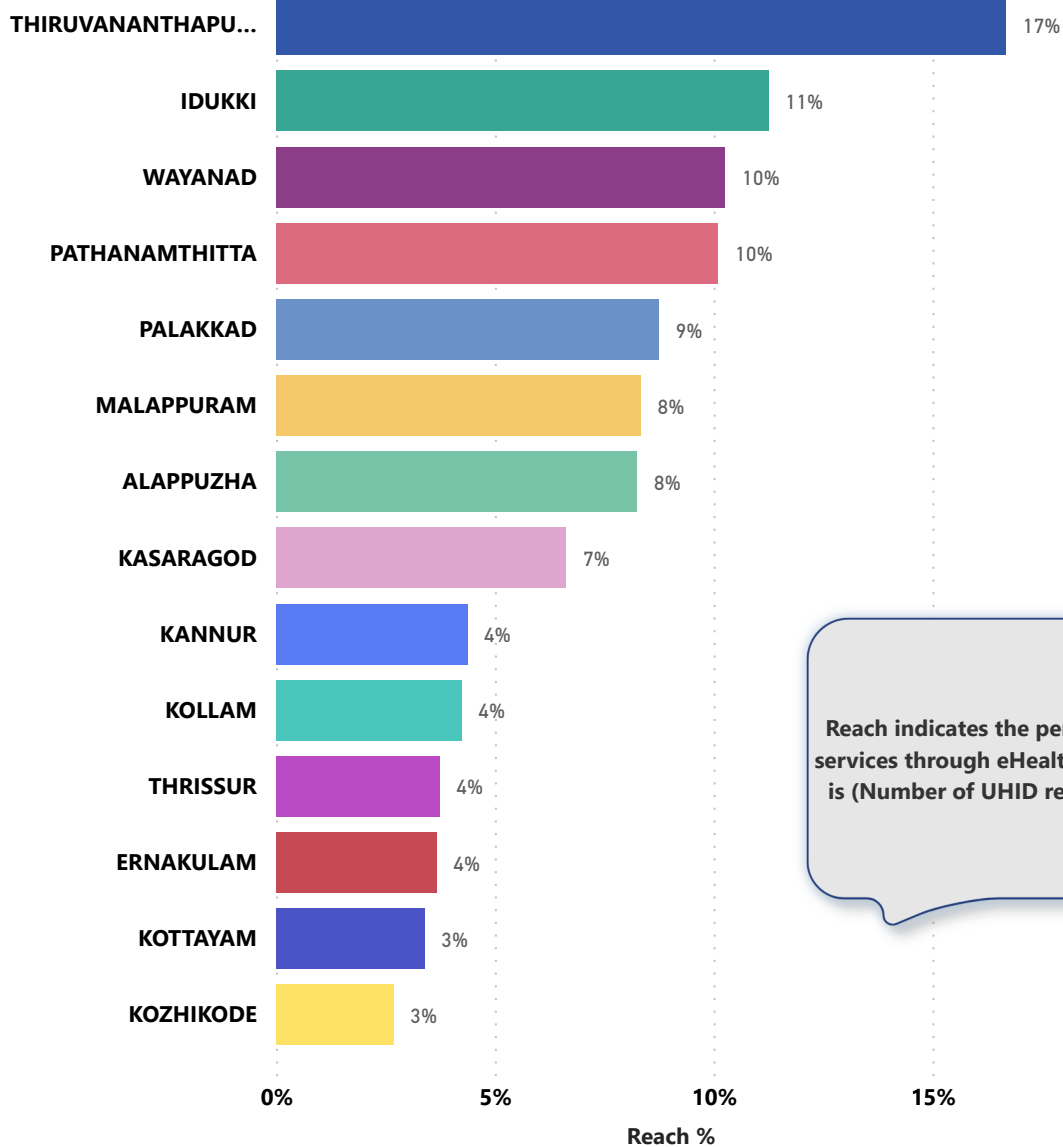
Reach indicates the percentage of population availing services through eHealth. The formula used to calculate is (Number of UHID registered / Population) * 100 %.

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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.

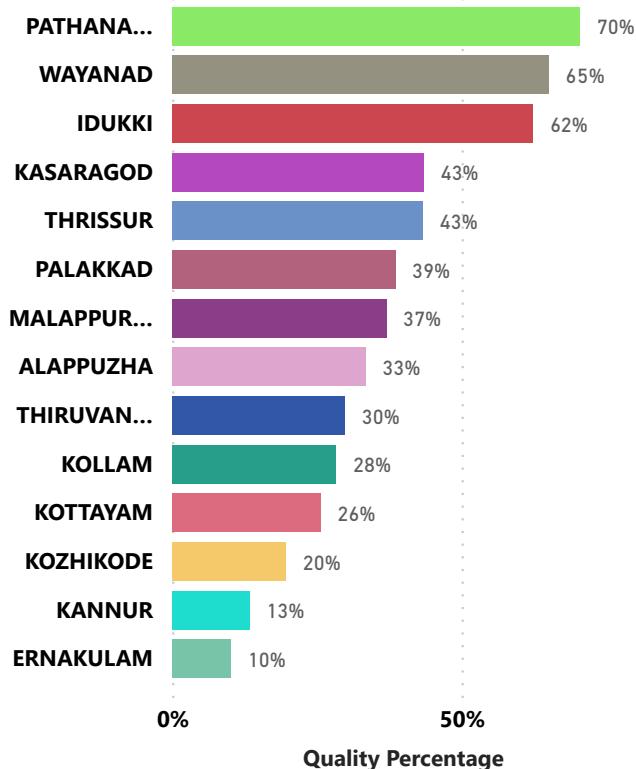Quality % = (SNOMED_Percentage + Online_Consultation_Percentage) / 2.

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. Kottayam remains at 13th position.
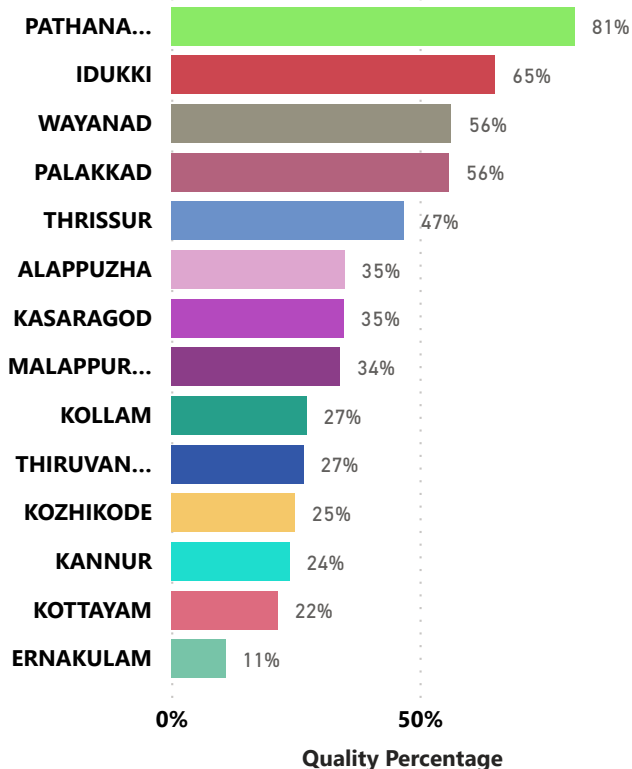
District-wise percentage of quality for the month of June '22. Kottayam has moved from position 12(during May) to position 11 in quality ranking which is above its annual average.

District	Quality Percentage (Year '22)
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	Quality Percentage (June '22)
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. Quality percentage remains the same as in the previous month.

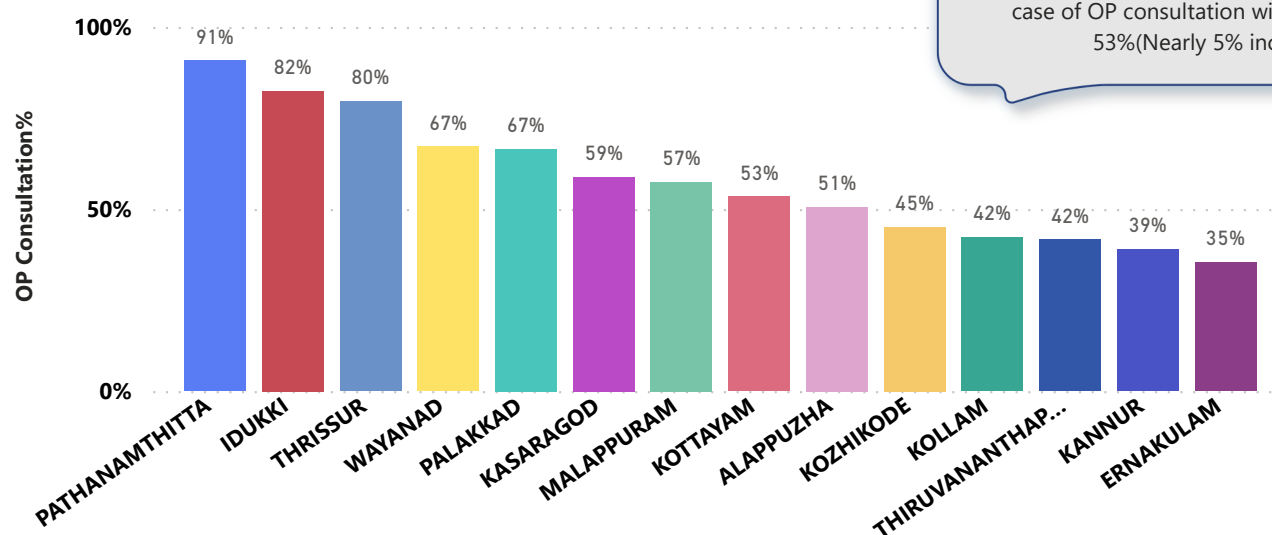| Month	Quality %
January	17%
February	19%
March	19%
April	20%
May	26%
June	26%
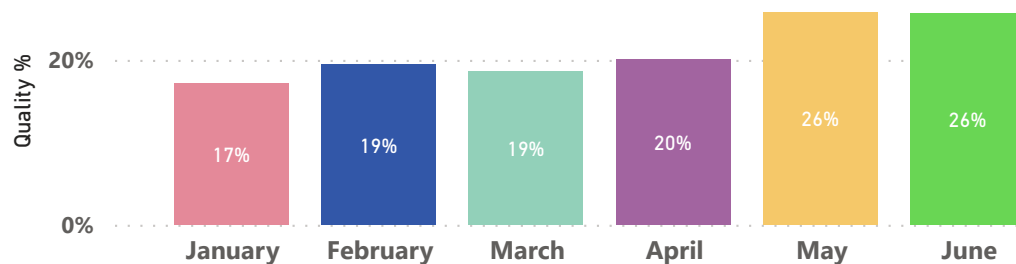
4.Status of Modules started in Hospitals

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

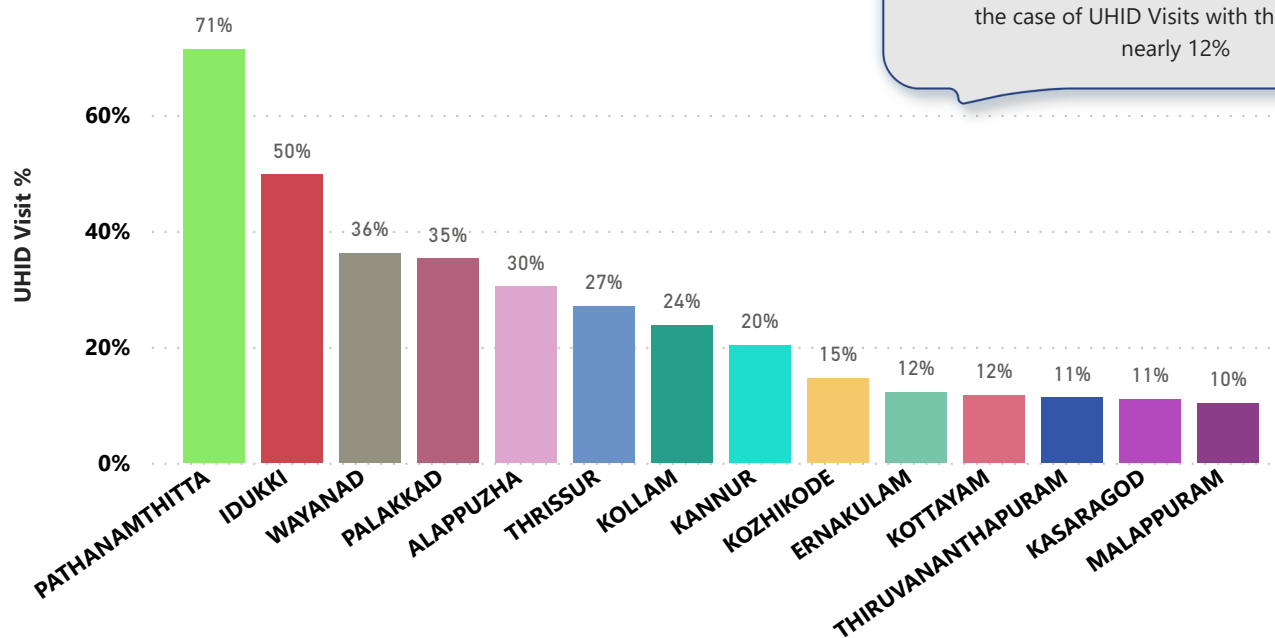OP Consultation % is calculated as (OP Consultation count / OP Visit Count) *100

Kottayam district has improved its position from 10(during May) to position 8, in the case of OP consultation with the value of 53%(Nearly 5% increase).

Top Institutions based on OP Consultation

Sl No	Hospital	OP Consultation%	District
1	FAMILY HEALTH CENTRE BRAHMAMANGALAM	99.74%	KOTTAYAM
2	FAMILY HEALTH CENTRE UDAYANAPURAM	99.28%	KOTTAYAM
3	FAMILY HEALTH CENTRE PANACHIKKADU	98.58%	KOTTAYAM
4	FAMILY HEALTH CENTRE ERATTUPETTA	98.09%	KOTTAYAM
5	FAMILY HEALTH CENTRE KURUPPANTHARA	96.41%	KOTTAYAM
6	FAMILY HEALTH CENTRE VELIYANNOOR	96.35%	KOTTAYAM
7	FAMILY HEALTH CENTRE VAZHOOR	95.35%	KOTTAYAM
8	FAMILY HEALTH CENTRE MEENACHIL	94.60%	KOTTAYAM
9	FAMILY HEALTH CENTRE MANARCAD	94.49%	KOTTAYAM
10	URBAN PRIMARY HEALTH CENTRE PERUNNA	91.47%	KOTTAYAM
11	FAMILY HEALTH CENTRE MADAPPALLY	88.14%	KOTTAYAM
12	FAMILY HEALTH CENTRE KALLARA	82.62%	KOTTAYAM

6. Percentage of UHID Visit

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

Kottayam district remains at 11th position in the case of UHID Visits with the value of nearly 12%

Top Institutions based on UHID Visits

Sl No	Hospital	UHID Visit% ▼	District
1	FAMILY HEALTH CENTRE KURUPPANTHARA	53.59%	KOTTAYAM
2	FAMILY HEALTH CENTRE UDAYANAPURAM	53.51%	KOTTAYAM
3	FAMILY HEALTH CENTRE BRAHMAMANGALAM	50.46%	KOTTAYAM
4	FAMILY HEALTH CENTRE PAIPPAD	40.63%	KOTTAYAM
5	FAMILY HEALTH CENTRE VELIYANNOOR	38.71%	KOTTAYAM
6	FAMILY HEALTH CENTRE KALLARA	38.13%	KOTTAYAM
7	FAMILY HEALTH CENTRE VAZHOOR	29.52%	KOTTAYAM
8	FAMILY HEALTH CENTRE MARAVANTHURUTHU	23.77%	KOTTAYAM
9	FAMILY HEALTH CENTRE MADAPPALLY	20.51%	KOTTAYAM
10	FAMILY HEALTH CENTRE PANACHIKKADU	19.55%	KOTTAYAM
11	FAMILY HEALTH CENTRE VELLOOR	13.66%	KOTTAYAM
12	FAMILY HEALTH CENTRE ERATTUPETTA	13.00%	KOTTAYAM

7. Percentage of Online Appointment Booking

District-wise count of online appointments taken during the month of June '22. Kottayam district has improved its position from 5 to position 4 in the number of online appointments.
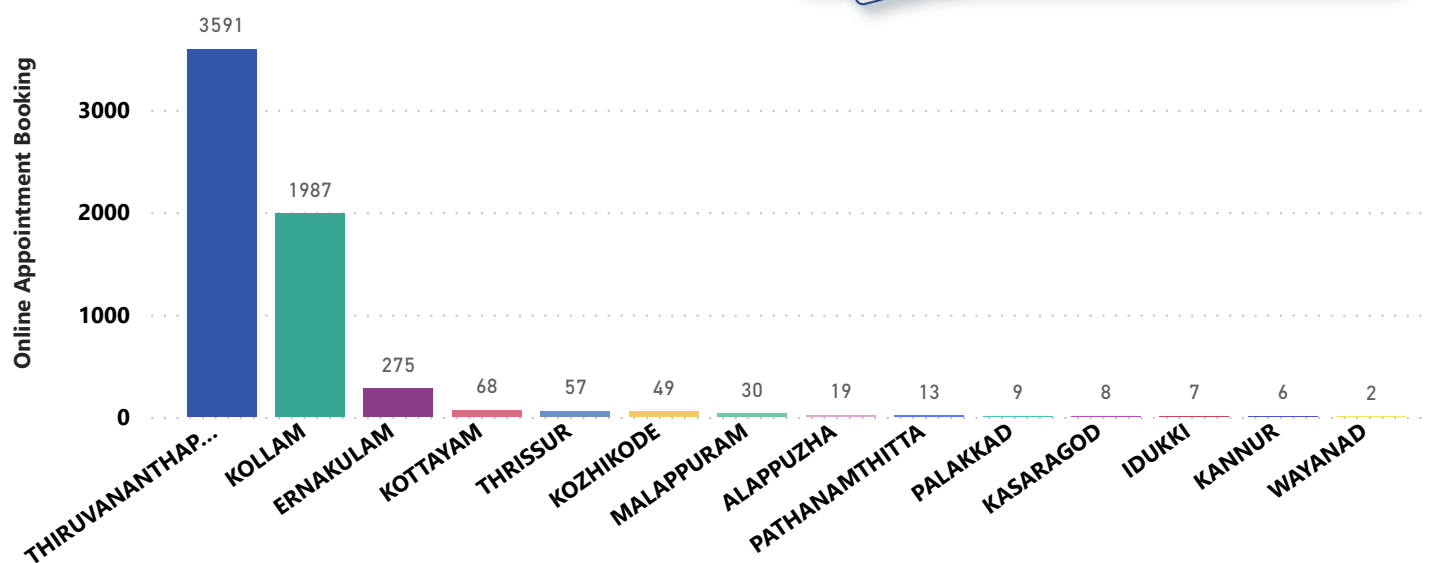
District-wise percentage of online appointment booking up on OP visits for the month of June '22. Calculation is performed as (Online Visits / OP Visits) * 100 %.
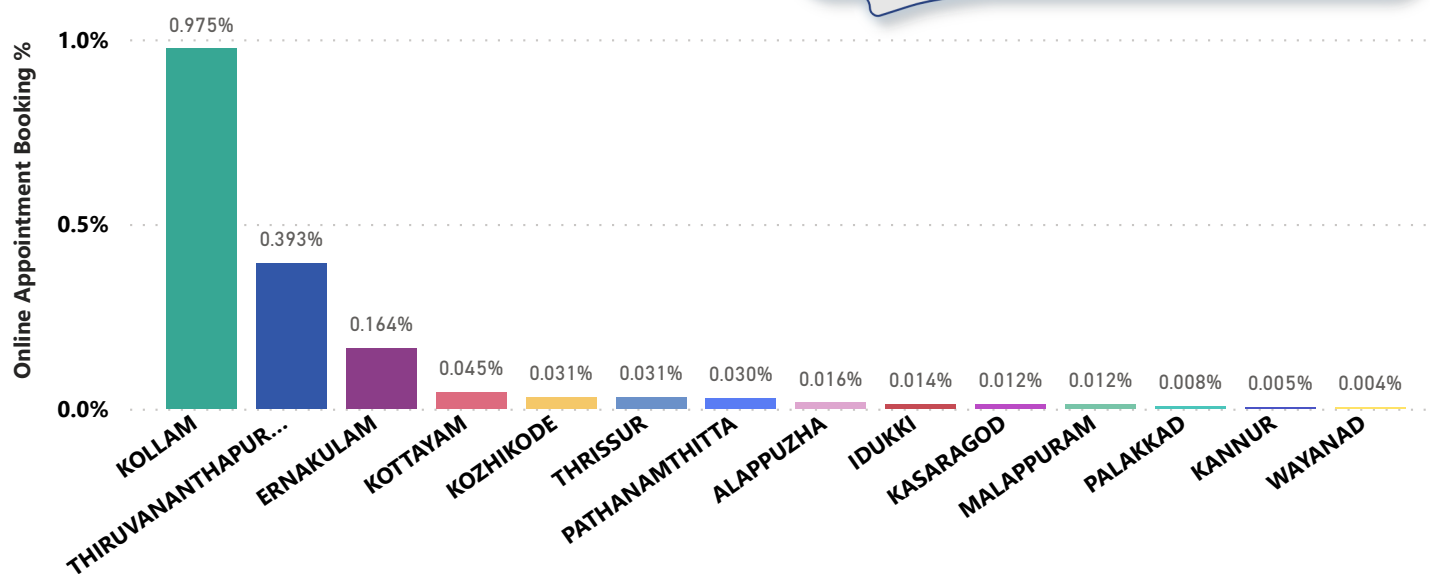
8. Public Health Survey Status

Percentage of House Survey Completed

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

Percentage of Member Survey Completed

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