1. eHealth Kerala - Vital Statistics

Live Institutions	22
Medical College Hospitals	1
PHCs/FHCs	18
CHCs	0
DHs/GHs	0
PH Labs	0
Other(Inc Taluk Hospitals)	3
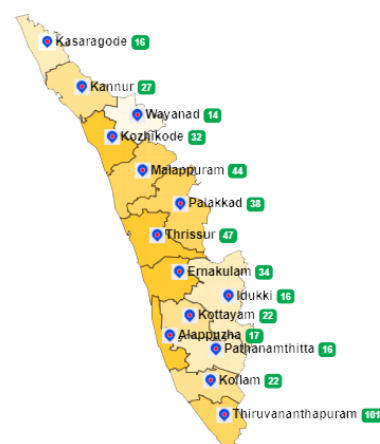
2. Highlights

- The Kollam district remains at position 1 in quantity ranking based upon total op visits scaled down by the number of live institutions.

- The district remains at position 2 in online appointment booking.

- Nearly 16.5% increase in total visits during the month of June compared with May.

- Nearly 2% increase in quality percentage during the month of June compared with previous month.

- Nearly 3% increase in OP consultation % during the month of June compared with previous month.

- The Kollam district remains in 10th position in quality ranking which is based on SNOMED CT diagnosis entered by doctors and online consultation percentage.

- The district remains in 10th position in reach rank which indicates UHID registration proportionate to the population.

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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
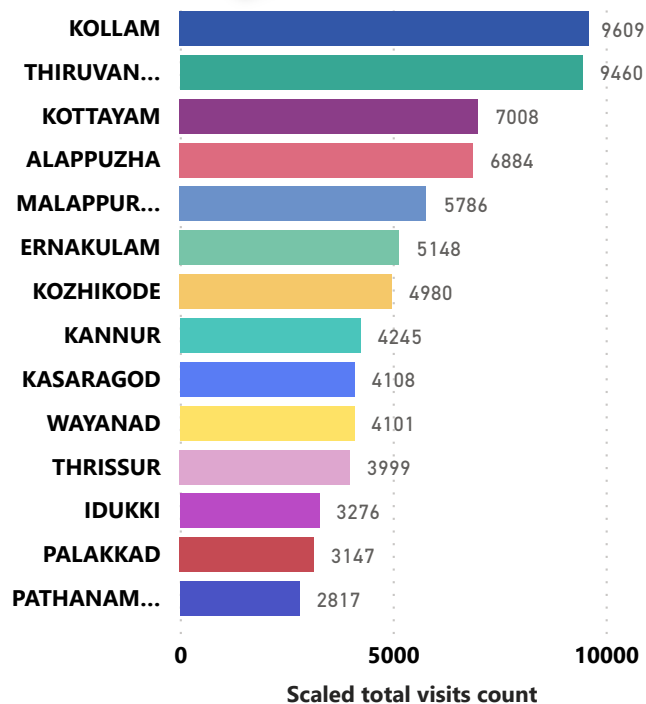Low performing

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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. Kollam remains at 1st position in the number of total visits scaled down by the number of live institutions.
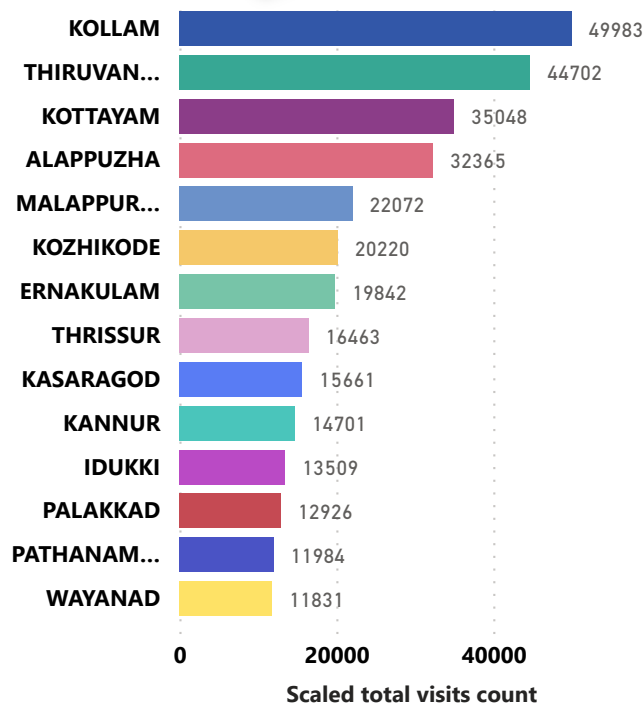
District-wise scaled count of total visits for the month of June '22. Kollam remains at 1st position in the number of scaled total visits count.

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

Scaled total visits count

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

Scaled total visits count

Per day total visits in the year '22. The district records nearly 16.5% increase in total visits during the month of June compared to May.

Month	Per day total visits
January	5978
February	5339
March	5749
April	6259
May	6047
June	7047
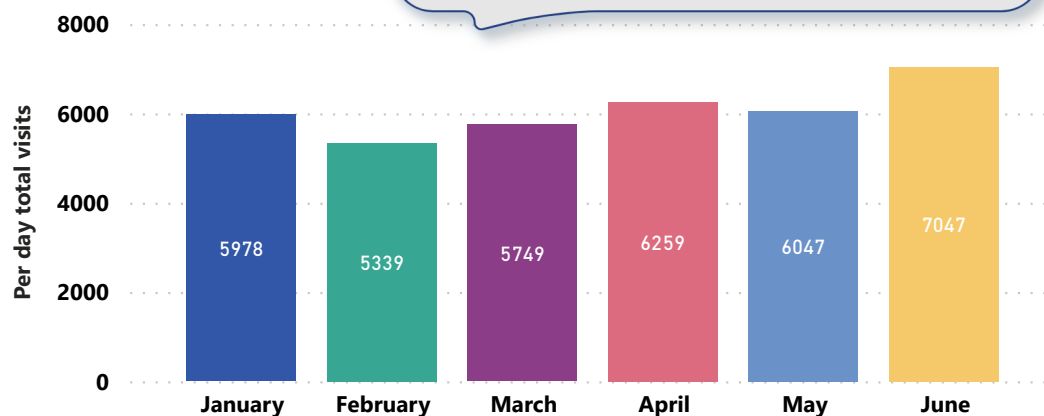
3.2 eHealth Performance - Reach
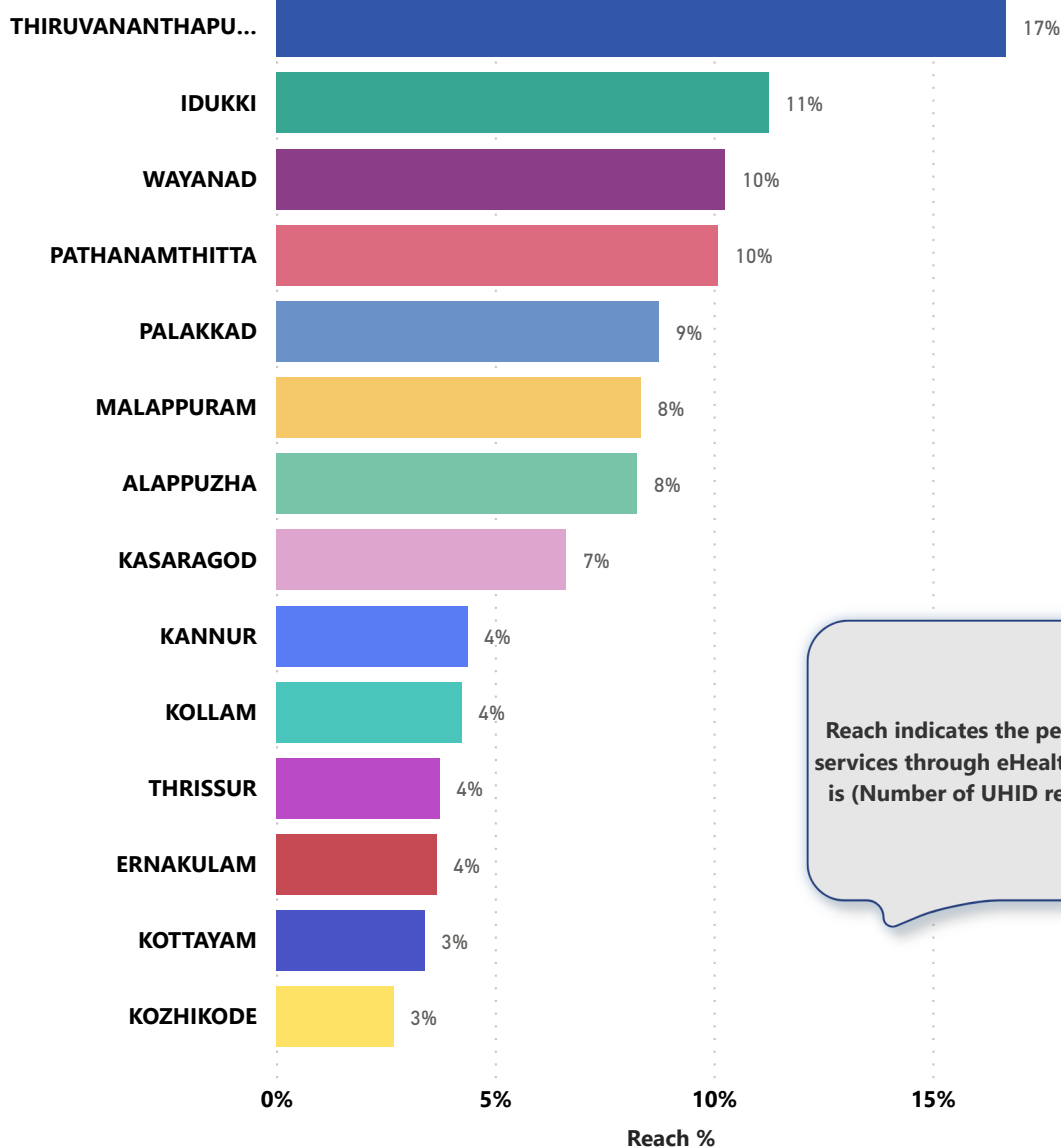
Reach indicates the percentage of population availing services through eHealth. The formula used to calculate is (Number of UHID registered / Population) * 100 %.

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%

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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.

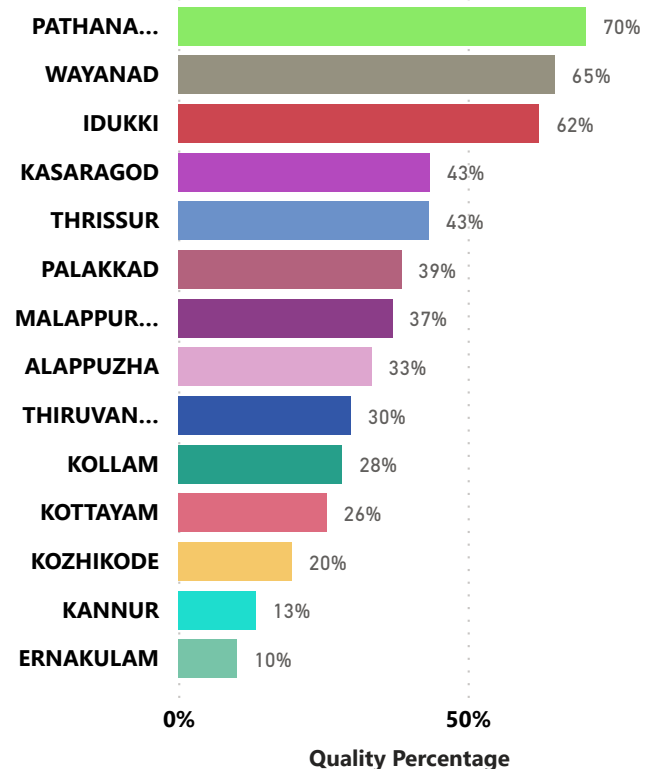Quality % = (SNOMED_Percentage + Online_Consultation_Percentage) / 2.

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.
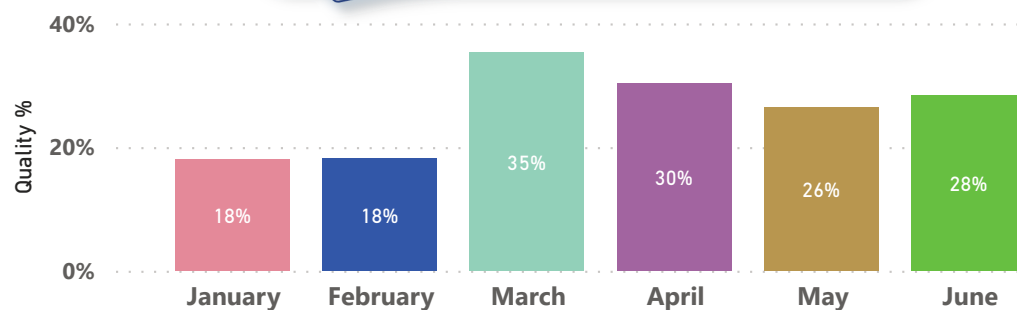
District-wise percentage of quality for the year '22. The Kollam district holds 9th position.
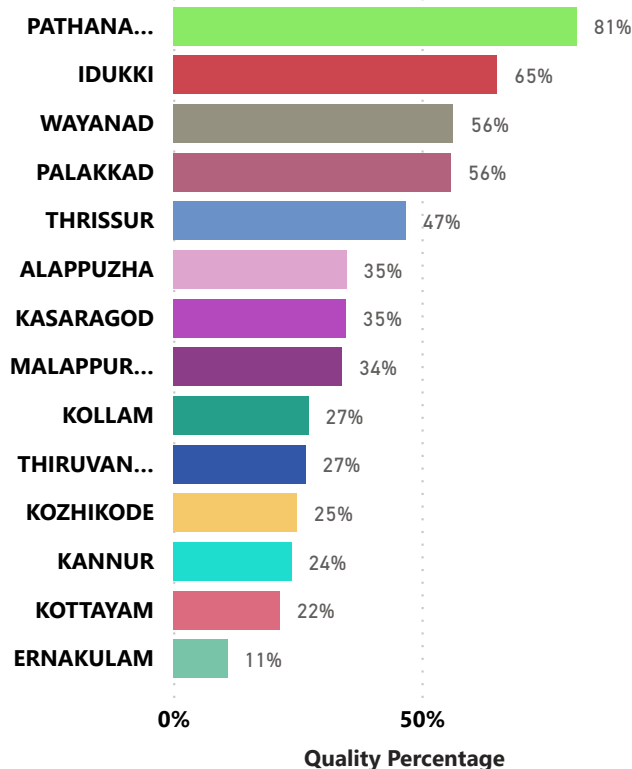
District-wise percentage of quality for the month of June '22. Kollam stands at 10th position in quality ranking which is below its annual average.

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. Nearly 2% increase in quality percentage during the month of June compared to previous month.

Month	Quality %
January	18%
February	18%
March	35%
April	30%
May	26%
June	28%

eHealth Kerala
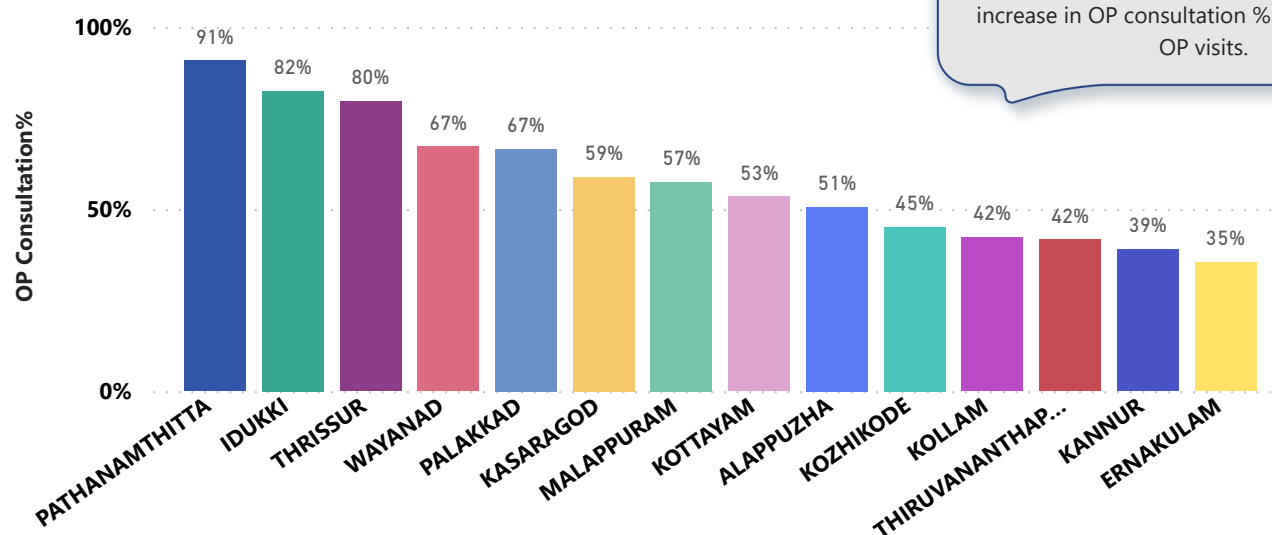State Digital Health Mission

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

The Kollam district has improved its rank from 13(during May) to 11, recording nearly 3% increase in OP consultation % with respect to OP visits.

Top Institutions based on OP Consultation

Sl No	Hospital	OP Consultation%	District
1	FAMILY HEALTH CENTRE EZHUKONE PAVITHRESWARAM	98.29%	KOLLAM
2	URBAN PRIMARY HEALTH CENTRE MUNDAKKAL	97.38%	KOLLAM
3	FAMILY HEALTH CENTRE VELIYAM	96.96%	KOLLAM
4	FAMILY HEALTH CENTRE CHAVARA	96.47%	KOLLAM
5	FAMILY HEALTH CENTRE THENMALA	94.66%	KOLLAM
6	FAMILY HEALTH CENTRE AZHEEKKAL	93.95%	KOLLAM
7	FAMILY HEALTH CENTRE SAKTHIKULANGARA	93.94%	KOLLAM
8	FAMILY HEALTH CENTRE UMMANNOOR	92.69%	KOLLAM
9	FAMILY HEALTH CENTRE KULASEKHARAPURAM	89.57%	KOLLAM
10	FAMILY HEALTH CENTRE THEKKUMBHAGAM	88.67%	KOLLAM
11	FAMILY HEALTH CENTRE MAYYANAD CKM	87.65%	KOLLAM
12	FAMILY HEALTH CENTRE THAZHAVA	86.23%	KOLLAM

6. Percentage of UHID Visit

UHID Visit % is calculated as (UHID Visits / OP Visit) *100
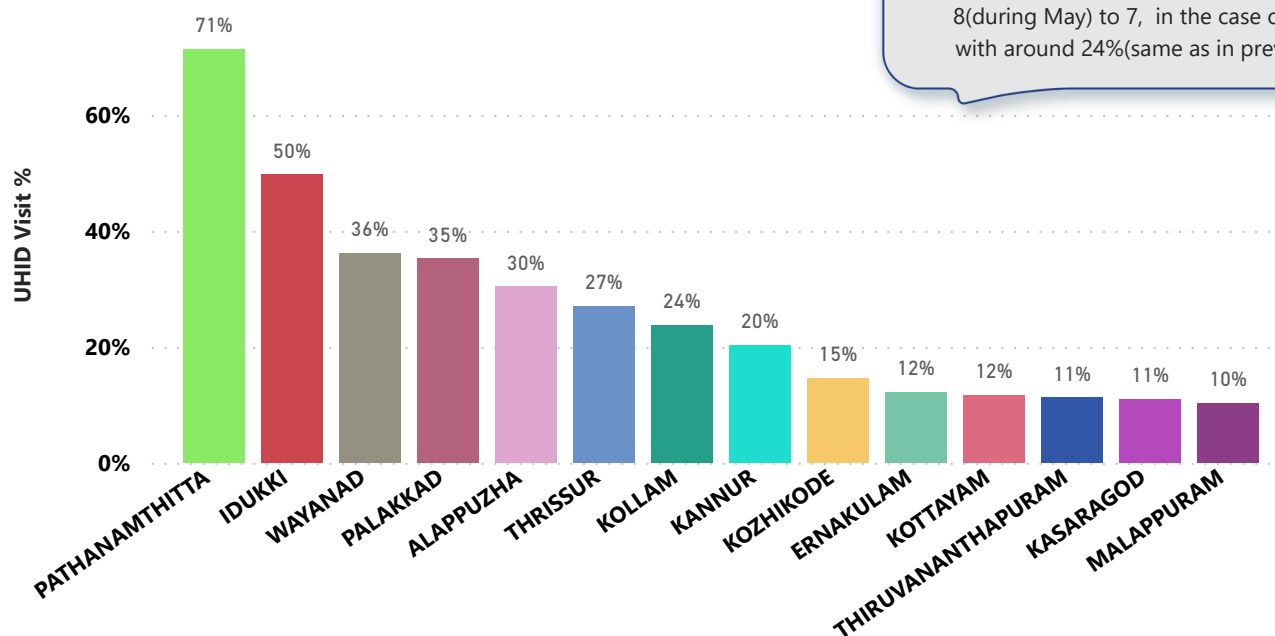
Kollam district has improved its rank from 8(during May) to 7, in the case of UHID Visits with around 24%(same as in previous month).

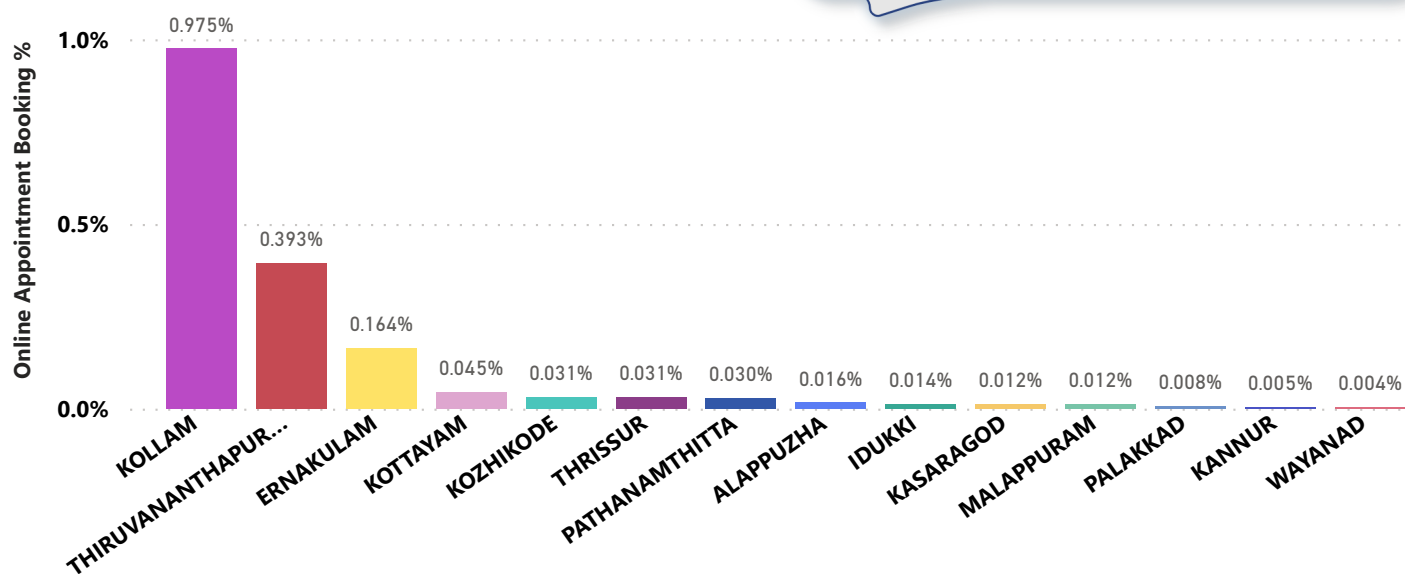## Top Institutions based on UHID Visits

Sl No	Hospital	UHID Visit%	District
1	FAMILY HEALTH CENTRE UMMANNOOR	80.54%	KOLLAM
2	FAMILY HEALTH CENTRE EZHUKONE PAVITHRESWARAM	78.88%	KOLLAM
3	FAMILY HEALTH CENTRE PERUMON	64.97%	KOLLAM
4	FAMILY HEALTH CENTRE SAKTHIKULANGARA	64.89%	KOLLAM
5	FAMILY HEALTH CENTRE THENMALA	64.37%	KOLLAM
6	FAMILY HEALTH CENTRE MANCODE CHITHARA	63.54%	KOLLAM
7	FAMILY HEALTH CENTRE VELIYAM	57.01%	KOLLAM
8	FAMILY HEALTH CENTRE SREENARAYANAPURAM	56.83%	KOLLAM
9	FAMILY HEALTH CENTRE THAZHAVA	56.02%	KOLLAM
10	FAMILY HEALTH CENTRE THEKKUMBHAGAM	54.79%	KOLLAM
11	FAMILY HEALTH CENTRE CHAVARA	48.81%	KOLLAM
12	URBAN PRIMARY HEALTH CENTRE MUNDAKKAL	44.01%	KOLLAM

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7. Percentage of Online Appointment Booking

District-wise count of online appointments taken during the month of June '22. Kollam district remains at 2nd position in the usage of Online appointments.
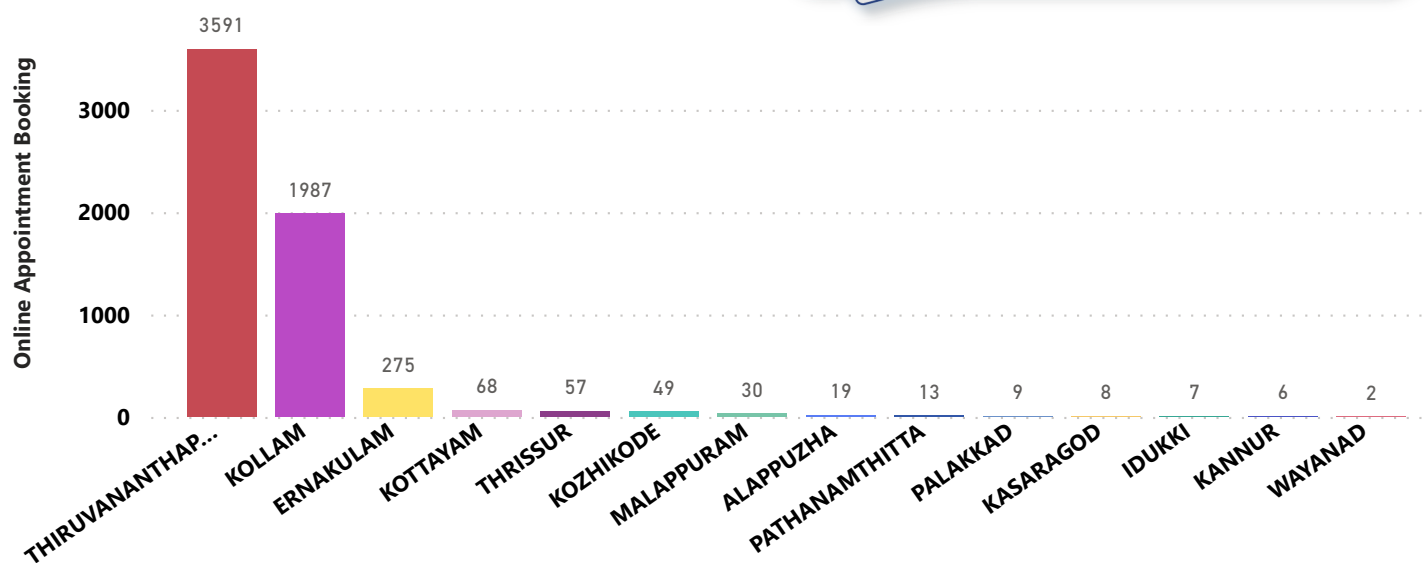
District-wise percentage of online appointment booking up on OP visits for the month of June '22. Calculation is performed as (Online Visits / OP Visits) * 100 %.

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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 values (House Survey):
- 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 values (Member Survey):
- 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%