

Longitudinal Indian Family Health Study (LIFE)
Summary Report

The progress of the study as of 3rd May 2018 is as follows:

Recruitment: The number of women enrolled = 1227(642couples and 585 only women)

Deliveries: Number of deliveries for LIFE women= 1263(100.0)

At MediCiti Hospital = 917(72.55%)

Outside MediCiti Hospital = 347(27.45%)

Outside deliveries by site of delivery

Sl.no	Name of the Hospital	No.of deliveries
1	Raju Hospital, Medchal	82
2	Mehar Hospital, Medchal	18
3	VVR Hospital, Medchal	12
4	Navya Hospital, Medchal	03
5	RMP Hospital/PHC (Medchal,Dabilpur,Gowdavelly,Srirangavaram)	11
6	Other Hospitals in Medchal	11
7	Harsha Hospital, Kompally	06
8	R.R Hospital, Kompally	03
9	Ashritha Hospital, Kompally	08
10	Prashamsha Hospital, Alwal	05
11	Sundaramma Hospital, Alwal	06
12	Home Deliveries	14
13	Outside Medchal	61
14	Gandhi Hospital	16
15	Outside District	73
16	Govt. Hospital	09
17	Other State	9
	Total	347

Type of Delivery

Delivery type	Place of delivery		Total
	Medicit N %	Non Medicit N %	N %
Normal	509(55.51)	173(49.86)	682(74.37)
Ceasarean	408(44.49)	174(50.14)	582(63.47)
All	917(100)	347(100)	1264(100)

Distribution of live births by weight at birth

Birth weight (kg)	Live births at MediCiti	Live births outside MediCiti	Total Live births
< 2.5	189(20.91)	60(17.34)	249(19.92)
= 2.5	64(7.08)	69(19.94)	133(10.64)
> 2.5	651(72.01)	217(62.72)	868(69.44)
Total	904(100)	346(100)	1250(100)

Note: Birth weight data are given only for live births. No. of twins = 10

Pregnancy

Total no. of currently pregnant women =12

Total no. of women in 1sttrimester=2

Total no. of women in 3rdtrimester =8

Total no. of Pregnancy loss: 275

Total no. of Intra uterine deaths (IUD): 18

Total no. of Still birth: 06

No. of children living by age:

Current age in month	No. of children
0 – 2	2
3 – 5	7
06 - 08	4
9 – 11	10
12 – 14	4
15 – 17	11
18 - 20	15
21 - 23	9
24 - 26	22
27 - 29	15
30 - 32	17
33 - 35	19
36 - 38	24
39 - 41	23
42 -44	33
45 - 47	30
48 -50	22
51 - 53	31
54 - 56	52
57 - 59	49
60 - 62	52
63 - 65	54
66 - 68	68
69-71	71
72-74	92
75-78	142
79-83	137
84-86	62
87-89	40
90-93	72
94-96	21
Total	1210

Child Follow-up visits

Note: Reasons for missing: (Initially delayed preparation of questionnaire for 6 & 12months, some children made ineligible due to by applying mother's ineligible criteria, vacant, refused, child given for adoption etc.)

6 months	
Questionnaires completed	968
Questionnaires pending (6-8 months)	2
Child follow up missing since 6months	0
Child follow up missing before 6months	237
12 months	
Questionnaires completed	930
Questionnaires pending (12-14 months)	3
Child follow up missing since 6months	0
Child follow up missing before 6months	258
18 months	
Questionnaires completed	975
Questionnaires pending (18-20 months)	5
Child follow up missing since 6months	3
Child follow up missing before 6months	195
24 months	
Questionnaires completed	936
Questionnaires pending (24-26 months)	9
Child follow up missing since 6months	0
Child follow up missing before 6months	203
36months	
Questionnaires completed	882
Questionnaires pending (36-38 months)	11
Child follow up missing since 6months	5
Child follow up missing before 6months	180
48months	
Questionnaires completed	780
Questionnaires pending (48-50 months)	6
Child follow up missing since 6months	4
Child follow up missing before 6months	174
60months	
Questionnaires completed	689
Questionnaires pending (60-62 months)	28
Child follow up missing since 6months	25
Child follow up missing before 6months	71
6_7 years	
Questionnaires completed	316
Questionnaires pending (72-84 months)	223
Child follow up missing since 6months	15
Child follow up missing before 6months	0
3_4 yrs child followup	
Questionnaires completed	909
Questionnaires pending (3-4 years)	32
Child follow up missing since 6months	2
Child follow up missing before 6months	132

Under five children deaths by site of delivery

Site of delivery	No. of infant deaths 0-1year age	No. of child deaths 1year & above age
Home	02	
MediCiti	19	03
Raju Hospital	05	
Tara Hospital	02	
Meher Hospital	02	
Deccan health service, New Allapur, Borbanda	01	
Yashoda Hospital	01	
Gandhi Hospital	01	01
Konark Hospital	01	
Govt. Hospital,Sangareddy	01	
Govt. Hospital, Thupran	01	

Under five children deaths by birth weight

Birth weight (kg)	No. of infant deaths 0-1year age	No. of child deaths 1year & above age
< 2.5 kg	16	01
=2.5 kg	04	01
>2.5	16	02

Probable cause of death based on verbal autopsy method

Cause of death	No. of <5 children deaths
Sepsis (preventable)	16
Congenital pneumonia (non-preventable)	01
Aspiration pneumonia (preventable)	08
Asphyxia (preventable)	03
Snake bite (accident)	01
Congenital malformation (Non preventable)	06
Tension Pneumothorax (Preventable)	01
Drowning	01
Respiratory distress syndrome(Non preventable)	01
Immunization Failure(Non preventable)	01

Age of the under five children at the time of death:

No. of days /months the child survived after birth	No. of under five children deaths
Less than 24 hours	7
1-6 days	12
7-28 days	2
1 month	4
2 months	3
3 months	2
4 months	2
8 months	1

9 months	2
10 months	1
18 months	2
24 months	2
Total	40

Total no. of under five children deaths: 36

Infant Deaths = 36, (Neonatal deaths (up to 28 days of life) = 21 and Post neonatal deaths = 15)

Child death (1-4 years) =4

Sample given status of deliveries

	MediCiti	Non-MediCiti
No. of deliveries	917	347
Blood collected	903	72
Urine collected	880	55
V. swab	876	46
Stool	839	14

Baby samples

	MediCiti	Non- MediCiti
No. of live births	904	346
Cord blood collected	885	8
Cord blood missing since 6 months	0	2
Cord blood missing before 6 months	19	336
Meconium collected	805	23
Meconium missing since 6 months	0	2
Meconium missing before 6 months	99	321

PNC follow-up status (all samples)

	MediCiti	Non-MediCiti	Total
Deliveries	917	347	1264
Eligible(>25 days)	904	346	1250
Questionnaire (+) Lab completed	859	266	1125
Pending	1	0	1
Missing since 12 months	4	4	8
Missing before 12 months	40	76	116
Blood collected	844	249	1093
Urine collected	841	243	1084
V. swab collected	837	243	1080
Stool collected	626	143	769