

Longitudinal Indian Family Health Study (LIFE)
Summary Report

The progress of the study as of 6th Dec 2018 is as follows:

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

Deliveries: Number of deliveries for LIFE women= 1275(100.0)

At MediCiti Hospital = 924(72.47%)

Outside MediCiti Hospital = 351(27.53%)

Outside deliveries by site of delivery

Sl.no	Name of the Hospital	No. of deliveries
1	Raju Hospital, Medchal	84
2	Mehar Hospital, Medchal	18
3	VVR Hospital, Medchal	12
4	Navya Hospital, Medchal	03
5	RMP Hospital/PHC (Medchal,Dabilpur,Gowdavelly,Srirangavaram)	13
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	09
	Total	Total

Type of Delivery

Delivery type	Place of delivery		Total
	Mediciti N %	Non Mediciti N %	N %
Normal	511(55.3)	175(49.86)	686(53.80)
Caesarean	413(44.7)	176(50.14)	589(46.20)
All	924(100)	351(100)	1275(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	190(20.86)	61(17.38)	251(19.89)
= 2.5	65(7.14)	71(20.23)	136(10.78)
> 2.5	656(72.01)	219(62.39)	875(69.33)
Total	911(100)	351(100)	1262(100)

Note: Birth weight data are given only for live births. No. of twins = 11

Pregnancy

Total no. of Pregnancy loss: 276

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	1
3 – 5	5
06 - 08	8
9 – 11	3
12 – 14	7
15 – 17	10
18 - 20	4
21 - 23	7
24 - 26	15
27 - 29	9
30 - 32	19
33 - 35	13
36 - 38	20
39 - 41	14
42 -44	30
45 - 47	22
48 -50	28
51 - 53	30
54 - 56	23
57 - 59	31
60 - 62	45
63 - 65	45
66 - 68	52
69-71	54
72-74	69
75-78	87
79-83	166
84-86	94
87-89	86
90-93	91
94-96	40
97-99	59
100-102	33
103-105	2
Total	1222

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	981
Questionnaires pending (6-8 months)	4
Child follow up missing since 6months	0
Child follow up missing before 6months	239
12 months	
Questionnaires completed	946
Questionnaires pending (12-14 months)	4
Child follow up missing since 6months	1
Child follow up missing before 6months	258
18 months	
Questionnaires completed	994
Questionnaires pending (18-20 months)	2
Child follow up missing since 6months	0
Child follow up missing before 6months	198
24 months	
Questionnaires completed	967
Questionnaires pending (24-26 months)	5
Child follow up missing since 6months	2
Child follow up missing before 6months	204
36months	
Questionnaires completed	931
Questionnaires pending (36-38 months)	8
Child follow up missing since 6months	2
Child follow up missing before 6months	185
48months	
Questionnaires completed	842
Questionnaires pending (48-50 months)	13
Child follow up missing since 6months	4
Child follow up missing before 6months	180
60months	
Questionnaires completed	804
Questionnaires pending (60-62 months)	17
Child follow up missing since 6months	8
Child follow up missing before 6months	98
6_7 years	
Questionnaires completed	540
Questionnaires pending (72-84 months)	132
Child follow up missing since 6months	28
Child follow up missing before 6months	27
3_4 years	
Questionnaires completed	965
Questionnaires pending (36-48 months)	18
Child follow up missing since 6months	1
Child follow up missing before 6months	137

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 under five 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
Adverse effect following immunization(AEFI)(Preventable)	01

Note: For (1) the cause of death needs to be ascertained

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	924	351
Blood collected	910	72
Urine collected	887	55
V. swab	883	46
Stool	846	14

Baby samples

	MediCiti	Non- MediCiti
No. of live births	911	351
Cord blood collected	891	8
Cord blood missing since 6 months	1	3
Cord blood missing before 6 months	19	340
Meconium collected	812	23
Meconium missing since 6 months	0	3
Meconium missing before 6 months	99	325

PNC follow-up status (all samples)

	MediCiti	Non-MediCiti	Total
Deliveries	924	351	1275
Eligible(>25 days)	911	351	1262
Questionnaire (+) Lab completed	864	271	1135
Pending	1	0	1
Missing since 12 months	5	2	7
Missing before 12 months	41	78	119
Blood collected	849	252	1101
Urine collected	846	246	1092
V. swab collected	842	246	1088
Stool collected	631	146	777