

**Longitudinal Indian Family Health Study (LIFE)**  
**Summary Report**

The progress of the study as of 5<sup>th</sup> Feb 2018 is as follows:

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

**Deliveries:** Number of deliveries for LIFE women= 1262(100.0)

At MediCiti Hospital = 915(72.50%)

Outside MediCiti Hospital = 347(27.50%)

**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
	<b>Total</b>	<b>347</b>

**Type of Delivery**

Delivery type	Place of delivery		Total
	Medicit N %	Non Medicit N %	N %
Normal	508(55.52)	173(49.86)	681(53.96)
Cesarean	407(44.48)	174(50.14)	581(46.04)
All	915(100)	347(100)	1262(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	188(20.84)	60(17.34)	248(19.87)
= 2.5	64(7.1)	69(19.94)	133(10.66)
> 2.5	650(72.06)	217(62.72)	867(69.47)
<b>Total</b>	902(100)	346(100)	1248(100)

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

## **Pregnancy**

Total no. of currently pregnant women =15

Total no. of women in 1<sup>st</sup>trimester=5

Total no. of women in 3<sup>rd</sup>trimester =3

Total no. of Pregnancy loss: 274

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	9
3 – 5	4
06 - 08	10
9 – 11	2
12 – 14	12
15 – 17	18
18 – 20	9
21 – 23	22
24 – 26	16
27 – 29	15
30 – 32	23
33 – 35	24
36 – 38	24
39 – 41	30
42 -44	26
45 – 47	25
48 -50	41
51 – 53	43
54 – 56	50
57 – 59	57
60 – 62	61
63 – 65	63
66 – 68	77
69-71	89
72-74	109
75-78	114
79-83	112
84-86	45
87-89	53
90-93	26
<b>Total</b>	<b>1209</b>

### **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.)

<b>6 months</b>	
Questionnaires completed	966
Questionnaires pending (6-8 months)	2
Child follow up missing since 6months	0
Child follow up missing before 6months	237
<b>12 months</b>	
Questionnaires completed	929
Questionnaires pending (12-14 months)	0
Child follow up missing since 6months	0
Child follow up missing before 6months	258
<b>18 months</b>	
Questionnaires completed	961
Questionnaires pending (18-20 months)	3
Child follow up missing since 6months	2
Child follow up missing before 6months	195
<b>24 months</b>	
Questionnaires completed	920
Questionnaires pending (24-26 months)	4
Child follow up missing since 6months	2
Child follow up missing before 6months	201
<b>36months</b>	
Questionnaires completed	863
Questionnaires pending (36-38 months)	9
Child follow up missing since 6months	2
Child follow up missing before 6months	180
<b>48months</b>	
Questionnaires completed	760
Questionnaires pending (48-50 months)	8
Child follow up missing since 6months	5
Child follow up missing before 6months	170
<b>60months</b>	
Questionnaires completed	648
Questionnaires pending (60-62 months)	26
Child follow up missing since 6months	24
Child follow up missing before 6months	61
<b>6_7 years</b>	
Questionnaires completed	<b>168</b>
Questionnaires pending (72-84 months)	288
Child follow up missing since 6months	12
Child follow up missing before 6months	0

**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	02
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	01

**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	1
24 months	2
<b>Total</b>	<b>39</b>

**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) =3

**Sample given status of deliveries**

	MediCiti	Non-MediCiti
No. of deliveries	915	347
Blood collected	902	72
Urine collected	878	55
V. swab	874	46
Stool	837	14

**Baby samples**

	MediCiti	Non- MediCiti
No. of live births	902	346
Cord blood collected	883	8
Cord blood missing since 6 months	0	3
Cord blood missing before 6 months	19	335
Meconium collected	803	23
Meconium missing since 6 months	0	3
Meconium missing before 6 months	99	320

**PNC follow-up status (all samples)**

	MediCiti	Non-MediCiti
Deliveries	915	347
Eligible(>25 days)	901	345
Questionnaire (+) Lab completed	856	266
Pending	2	0
Missing since 12 months	4	3
Missing before 12 months	39	76
Blood collected	841	249
Urine collected	838	243
V. swab collected	834	243
Stool collected	623	143