

Longitudinal Indian Family Health Study (LIFE)

Summary Report

The progress of the study as of 5th Dec 2017 is as follows:

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

Deliveries: Number of deliveries for LIFE women= 1258(100.0)

At MediCiti Hospital = 913(72.58%)

Outside MediCiti Hospital = 345(27.42%)

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	RMPHospital/PHC (Medchal,Dabilpur,Gowdavelly,Srirangavaram)	10
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	72
16	Govt. Hospital	09
17	Other State	9
	Total	345

Type of Delivery

Delivery type	Place of delivery		Total
	Medicit N %	Non Medicit N %	N %
Normal	507(55.53)	171(49.57)	678(74.26)
Ceasarean	406(44.47)	174(50.43)	580(63.53)
All	913(100)	345(100)	1258(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(20.89)	60(17.44)	248(19.94)
= 2.5	64(7.11)	68(19.77)	132(10.61)
> 2.5	648(72)	216(62.79)	864(69.45)
Total	900(100)	344(100)	1244(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 1sttrimester=6

Total no. of women in 3rdtrimester =7

Total no. of Pregnancy loss: 273

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	6
3 – 5	10
06 - 08	4
9 – 11	7
12 – 14	15
15 – 17	10
18 - 20	19
21 - 23	13
24 - 26	20
27 - 29	14
30 - 32	30
33 - 35	22
36 - 38	29
39 - 41	31
42 -44	23
45 - 47	29
48 -50	45
51 - 53	45
54 - 56	53
57 - 59	54
60 - 62	68
63 - 65	65
66 - 68	94
69-71	95
72-74	95
75-78	111
79-83	92
84-86	49
87-91	57
Total	1205

Child Follow-up visits

6 months	
Questionnaires completed	959
Questionnaires pending (6-8 months)	0
Child follow up missing since 6months	1
Child follow up missing before 6months	235
12 months	
Questionnaires completed	921
Questionnaires pending (12-14 months)	2
Child follow up missing since 6months	1
Child follow up missing before 6months	257
18 months	
Questionnaires completed	958
Questionnaires pending (18-20 months)	2
Child follow up missing since 6months	1
Child follow up missing before 6months	195
24 months	
Questionnaires completed	914
Questionnaires pending (24-26 months)	5
Child follow up missing since 6months	3
Child follow up missing before 6months	200
36months	
Questionnaires completed	848
Questionnaires pending (36-38 months)	7
Child follow up missing since 6months	5
Child follow up missing before 6months	177
48months	
Questionnaires completed	742
Questionnaires pending (48-50 months)	5
Child follow up missing since 6months	10
Child follow up missing before 6months	162
60months	
Questionnaires completed	616
Questionnaires pending (60-62 months)	30
Child follow up missing since 6months	28
Child follow up missing before 6months	51
6_7 years	
Questionnaires completed	132
Questionnaires pending (60-62 months)	257
Child follow up missing since 6months	15
Child follow up missing before 6months	0

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.)

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 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
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
Total	39

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	913	345
Blood collected	899	72
Urine collected	875	55
V. swab	871	46
Stool	834	14

Baby samples

	MediCiti	Non- MediCiti
No. of live births	900	344
Cord blood collected	880	8
Cord blood missing since 6 months	1	3
Cord blood missing before 6 months	19	333
Meconium collected	800	23
Meconium missing since 6 months	1	3
Meconium missing before 6 months	99	318

PNC follow-up status (all samples)

	MediCiti	Non-MediCiti
Deliveries	913	345
Eligible(>25 days)	898	344
Questionnaire (+) Lab completed	854	265
Pending	3	0
Missing since 12 months	2	3
Missing before 12 months	39	76
Blood collected	839	248
Urine collected	836	242
V. swab collected	832	242
Stool collected	621	142