

Longitudinal Indian Family Health Study (LIFE)

Summary Report

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

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

Deliveries: Number of deliveries for LIFE women= 1253(100.0)

At MediCiti Hospital = 908(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	504(55.51)	171(49.57)	675(74.34)
Ceasarean	404(44.49)	174(50.43)	578(63.66)
All	908(100)	345(100)	1253(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	186(20.78)	60(17.44)	246(19.85)
= 2.5	64(7.15)	68(19.77)	132(10.65)
> 2.5	645(72.07)	216(62.79)	861(69.49)
Total	895(100)	344(100)	1239(100)

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

Pregnancy

Total no. of currently pregnant women =13

Total no. of women in 1sttrimester=2

Total no. of women in 3rdtrimester =4

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	4
3 – 5	12
06 - 08	1
9 – 11	14
12 – 14	16
15 – 17	12
18 - 20	19
21 - 23	17
24 - 26	14
27 - 29	25
30 - 32	24
33 - 35	28
36 - 38	27
39 - 41	28
42 -44	22
45 - 47	44
48 -50	44
51 - 53	51
54 - 56	53
57 - 59	64
60 - 62	66
63 - 65	78
66 - 68	94
69-71	109
72-74	77
75-78	111
79-83	76
84-86	50
87-90	21
Total	1201

Child Follow-up visits

6 months	
Questionnaires completed	954
Questionnaires pending (6-8 months)	1
Child follow up missing since 6months	1
Child follow up missing before 6months	235
12 months	
Questionnaires completed	906
Questionnaires pending (12-14 months)	8
Child follow up missing since 6months	2
Child follow up missing before 6months	257
18 months	
Questionnaires completed	942
Questionnaires pending (18-20 months)	7
Child follow up missing since 6months	0
Child follow up missing before 6months	196
24 months	
Questionnaires completed	900
Questionnaires pending (24-26 months)	6
Child follow up missing since 6months	2
Child follow up missing before 6months	200
36months	
Questionnaires completed	822
Questionnaires pending (36-38 months)	12
Child follow up missing since 6months	6
Child follow up missing before 6months	174
48months	
Questionnaires completed	701
Questionnaires pending (48-50 months)	19
Child follow up missing since 6months	17
Child follow up missing before 6months	156
60months	
Questionnaires completed	531
Questionnaires pending (60-62 months)	71
Child follow up missing since 6months	26
Child follow up missing before 6months	42

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	18	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	15	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

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	2
3 months	2
4 months	2
8 months	1

9 months	2
10 months	1
18 months	1
24 months	2
Total	38

Total no. of under five children deaths: 36

Infant Deaths = 35, (Neonatal deaths (up to 28 days of life) = 21 and Post neonatal deaths = 14)

Child death (1-4 years) =3

Sample given status of deliveries

	MediCiti	Non-MediCiti
No. of deliveries	908	345
Blood collected	895	72
Urine collected	871	55
V. swab	868	46
Stool	825	14

Baby samples

	MediCiti	Non- MediCiti
No. of live births	895	344
Cord blood collected	876	8
Cord blood missing since 6 months	1	3
Cord blood missing before 6 months	18	333
Meconium collected	796	23
Meconium missing since 6 months	1	3
Meconium missing before 6 months	98	318

PNC follow-up status (all samples)

	MediCiti	Non-MediCiti
Deliveries	908	345
Eligible(>25 days)	894	344
Questionnaire (+) Lab completed	853	265
Pending	0	0
Missing since 12 months	2	3
Missing before 12 months	39	76
Blood collected	838	248
Urine collected	835	242
V. swab collected	831	242
Stool collected	620	142