

APPENDIX-2 : Individual data for neonatal iron status.

Sub. No.	Weeks of gest- ation	Birth wei- ght (kg)	Weight as % expe- cted	Blood hemo- globin (g/dl)		Serum iron (ug/dl)		Serum TIBC (ug/dl)	
				Cord	Maternal	Cord	Maternal	Cord	Maternal
1	2	3	4	5	6	7	8	9	10

Gestational age group /36 weeks, Low income group

185	35.0	2.5	93	19.7	12.9	187.9	75.1	408.0	543.0
188	34.3	2.5	96	16.3	12.3	164.7	128.6	390.0	543.0
189	34.0	1.5	60	15.7	12.5	164.7	127.2	210.0	484.0
196	35.4	2.8	99	-	-	116.6	86.5	387.0	621.0
198	33.4	1.8	75	13.3	10.5	134.9	113.5	247.0	470.0
221	35.6	2.0	70	11.1	10.0	154.7	71.7	204.6	494.3
229	35.3	2.5	90	14.8	6.5	124.5	124.5	315.3	701.5
233	35.1	2.2	81	18.5	13.4	207.6	81.1	363.6	528.4
232	35.1	2.2	81	15.0	12.9	256.6	147.2	-	-
259	35.2	2.8	102	-	11.5	134.8	-	299.4	525.4
288	35.3	2.2	79	15.5	11.3	-	-	-	-
412	33.3	2.25	94	14.9	12.0	195.3	113.3	331.4	461.4

Gestational age group / 36 weeks, High income group

258	31.3	2.8	141	16.6	14.4	134.8	73.0	350.3	610.2
278	35.5	2.7	94	12.4	10.0	135.9	73.0	277.3	597.5
293	35.5	1.9	66	15.7	13.1	--	-	-	-
295	35.0	3.0	111	13.2	9.5	117.2	61.4	-	-
377	34.5	2.4	90	13.8	11.5	210.0	120.8	211.7	239.4
381	32.5	3.0	134	14.8	11.9	187.5	75.9	335.0	612.7
392	34.3	1.8	70	15.8	11.1	173.2	106.1	297.8	627.2
404	34.2	2.4	94	15.1	12.5	216.8	95.7	313.0	491.1
414a	35.1	2.2	81	12.0	9.8	195.3	70.3	-	473.4
415	34.2	2.75	108	17.6	15.3	125.0	89.8	343.2	470.3

1	2	3	4	5	6	7	8	9	10
424	35.1	2.75	101	15.7	14.3	-	-	-	-
422	34.0	2.0	80	11.5	12.6	-	-	-	-
415	34.2	2.2	86	15.2	15.3	-	-	-	-
<u>Gestational age group > 36 weeks, Low income group</u>									
218	37.1	2.7	85	14.0	9.2	128.3	64.2	215.9	369.3
226	37.0	2.7	86	14.9	4.3	132.1	35.9	281.3	451.9
224	36.5	3.0	97	10.7	7.3	190.0	113.2	331.8	383.5
243	37.6	3.2	95	16.4	10.2	158.2	98.1	511.4	562.5
235	37.5	2.6	78	12.0	9.5	203.8	77.4	309.7	448.9
236	37.5	2.6	78	16.1	14.9	275.6	179.3	321.0	414.8
240	37.4	2.0	61	20.4	14.2	184.9	107.6	267.1	98.3
234	36.0	2.7	93	15.0	15.4	154.7	162.3	295.5	494.3
239	37.3	3.2	98	15.3	13.5	156.6	96.2	352.4	426.1
231	37.3	2.2	68	15.0	10.4	169.8	81.1	233.0	454.6
238	37.0	2.4	76	17.4	10.6	217.0	122.6	350.0	358.0
253	37.6	2.6	77	11.4	9.0	87.1	33.7	322.0	551.1
254	37.0	2.2	70	12.7	10.0	264.0	41.5	452.0	377.9
260	36.6	2.9	93	17.6	10.7	275.3	151.7	406.8	610.2
186	36.0	2.7	93	20.4	10.8	210.9	95.4	367.8	636.8
187	37.6	2.5	74	20.2	13.2	89.6	52.0	488.8	488.8
194	37.2	3.2	99	--	-	184.9	61.7	423.3	750.0
195	36.0	2.5	86	-	-	150.1	80.4	280.3	665.3
199	36.0	2.6	90	16.5	12.5	245.3	94.3	-	-
203	36.0	3.5	121	16.6	12.5	122.6	84.9	306.8	-
204	36.4	3.2	105	10.7	7.9	-	-	247.2	-
200	36.3	2.7	90	10.1	8.8	145.3	37.7	295.5	557.9
209	37.4	1.6	49	10.8	5.3	140.0	84.9	290.5	548.3
215	36.6	3.5	112	-	-	175.5	84.9	397.7	536.9
210	37.0	2.7	86	-	-	200.4	135.9	349.4	485.8
212	36.2	2.0	67	-	-	217.0	64.2	426.1	511.4
208	37.2	2.6	81	15.3	13.8	196.2	154.7	349.4	534.1
217	37.0	2.7	86	-	-	158.2	105.7	238.6	426.1

1	2	3	4	5	6	7	8	9	10
225	36.1	2.2	75	11.4	5.3	166.0	75.5	335.2	406.3
263	37.5	2.7	81	14.2	15.7	126.5	64.2	301.1	411.9
274	36.2	2.4	81	-	-	190.6	86.8	187.5	517.0
277	37.5	3.1	93	-	-	201.9	-	221.6	505.8
284	38.0	2.7	79	13.7	13.1	-	-	-	-
352	37.0	2.5	79	14.7	17.3	-	-	-	739.4
353	36.4	3.7	122	15.3	11.2	253.1	134.3	397.9	503.5
354	36.0	3.0	103	-	-	228.4	112.7	454.2	591.6
357	36.1	1.75	60	14.8	10.0	-	-	-	-
361	38.0	3.0	88	-	14.1	-	-	535.2	644.4
368	36.0	2.5	86	14.5	16.3	236.1	103.5	496.5	383.8
369	37.0	3.0	95	16.2	14.3	271.6	121.9	-	-
370	37.5	3.0	90	17.0	13.2	237.7	140.4	301.1	563.4
371	37.1	2.8	88	15.4	10.3	-	-	-	-
373	37.0	3.25	103	14.9	13.0	-	-	-	-
391	37.2	2.1	65	14.4	8.8	108.9	48.2	360.9	550.3
395	37.5	3.5	105	17.5	12.0	241.1	91.1	337.3	674.6
405	37.2	3.5	109	-	12.9	-	-	-	-
410	37.5	2.8	84	13.8	11.7	-	-	-	-
413	37.0	2.5	79	15.2	14.5	121.1	179.7	230.8	426.0
244	39.4	2.9	76	14.4	12.9	271.7	152.8	420.5	519.9
242	39.1	2.8	76	13.0	9.3	230.2	71.7	420.5	562.5
241	39.3	2.0	53	14.4	10.3	135.9	100.0	447.2	483.0
247	38.2	2.7	78	15.2	6.5	279.2	39.6	-	-
248	38.2	2.7	78	16.9	4.7	139.6	68.2	343.0	319.8
250	38.6	2.5	69	10.5	8.9	235.9	60.4	316.9	588.1
256	41.2	3.0	77	15.8	13.9	157.3	83.0	339.0	480.2
257	38.6	2.8	77	12.3	13.3	174.2	67.5	378.5	604.5
264	39.4	3.2	84	11.2	9.7	218.9	86.8	221.6	497.1
272	38.6	2.7	75	12.3	11.2	176.5	56.6	250.7	460.3
273	38.0	3.25	96	15.0	11.6	288.7	71.7	255.7	448.9
286	39.2	2.5	67	9.8	8.5	-	-	-	-
351	38.5	2.9	81	17.2	14.7	233.0	126.5	447.2	644.4
355	38.1	2.7	79	10.7	14.8	213.0	112.7	-	-

Appendix-2 (Contd.)

1	2	3	4	5	6	7	8	9	10
182	38.2	2.75	79	-	-	105.5	127.2	426.0	450.0
183	38.6	2.50	69	-	-	179.0	99.7	278.0	466.4
197	38.4	2.7	76	20.7	9.8	132.1	79.3	252.8	392.1
201	42.5	3.3	85	16.4	11.9	135.9	60.4	195.5	367.2
202	52.2	3.6	92	11.9	8.9	94.3	83.0	318.1	551.1
205	42.2	2.5	64	10.0	6.3	164.2	66.0	304.0	599.4
214	38.0	3.0	88	-	-	198.1	79.3	343.8	471.6
211	38.3	3.2	91	-	-	183.0	58.5	403.4	551.1
216	38.3	2.7	77	13.5	8.3	162.3	79.3	238.6	488.6
220	39.4	2.5	66	10.3	7.9	201.9	83.0	258.5	448.9
222	39.2	2.25	60	14.4	11.0	135.9	135.9	309.7	465.9
227	39.1	2.6	71	9.0	4.0	166.0	52.8	309.7	494.3
223	40.3	1.75	45	14.1	3.1	222.6	66.0	221.6	431.8
230	41.0	3.0	77	17.1	7.6	166.0	45.3	272.7	437.5
356	39.4	2.5	66	16.7	13.7	-	-	-	-
360	42.0	2.7	69	18.4	12.0	200.0	80.3	375.3	598.6
364	39.4	2.6	69	25.9	11.6	183.6	126.5	-	-
411	40.2	2.55	65	12.5	8.2	140.6	39.1	372.8	491.1

Gestational age group > 36 weeks, High income group

251	37.2	3.3	102	16.2	12.0	152.8	81.1	279.1	-
252	37.5	3.1	93	15.3	13.2	147.2	168.5	215.1	615.8
262	36.3	3.0	100	10.9	9.6	143.4	87.3	238.4	590.5
265	37.0	2.7	86	17.5	12.2	218.9	67.9	315.3	409.1
265a	37.0	2.8	89	16.2	11.8	275.3	51.7	406.8	610.2
266	36.0	2.6	90	15.5	9.3	245.3	94.3	289.8	518.0
268	36.2	2.7	91	15.4	11.3	157.3	84.3	406.8	604.5
268a	38.0	2.6	76	-	-	87.1	83.7	322.0	551.1
271	37.2	3.0	93	16.0	14.4	139.6	116.9	261.6	397.7
277	37.5	3.1	93	12.5	7.0	201.9	106.0	221.6	505.8
279	38.0	3.0	88	19.7	12.8	196.2	56.6	-	546.8
284	38.0	2.9	85	13.7	13.1	-	-	-	-

Appendix-2 (Contd.)

1	2	3	4	5	6	7	8	9	10
296	36.5	2.9	94	12.6	12.3	-	-	-	-
378	38.5	3.45	96	16.9	14.6	263.4	192.0	352.1	542.3
379	38.6	3.00	83	17.2	15.0	294.6	58.0	507.0	563.4
380	36.2	2.75	93	14.8	11.6	209.8	84.8	563.4	-
434	37.0	3.00	95	19.5	11.8	-	-	-	-
421	37.1	3.10	96	15.1	8.7	-	-	-	-
383	37.0	2.5	79	16.9	16.9	205.4	125.0	345.1	-
384	37.4	2.4	73	13.0	8.5	107.1	70.3	-	-
393	37.1	3.0	94	13.6	10.7	105.1	95.5	-	-
394	36.5	3.0	97	15.0	12.3	194.6	67.9	272.2	443.8
396	37.0	3.5	111	-	-	89.3	87.5	355.0	-
397	36.4	2.9	95	-	-	119.6	133.9	325.9	-
398	37.3	3.1	95	17.0	13.5	223.2	162.5	313.6	520.7
399	37.5	3.25	98	12.5	10.4	-	-	-	-
400	36.6	2.60	83	15.6	10.2	-	-	-	-
401	37.4	3.25	99	14.2	10.2	-	-	-	-
403	37.5	3.0	90	12.6	10.2	335.9	109.4	-	443.8
416	36.0	2.9	100	16.5	13.6	125.0	62.5	349.1	503.0
425	36.4	2.75	90	17.6	10.5	-	-	-	-
430	38.0	2.5	74	15.3	12.6	-	-	-	-
433	37.0	2.7	86	16.8	12.0	-	-	-	-
431	37.3	3.1	95	15.8	14.4	-	-	-	-
432	37.1	3.15	99	15.8	11.6	-	-	-	-
255	38.5	3.2	89	15.5	11.8	224.7	130.1	350.3	562.1
267	38.1	3.0	87	16.0	12.4	135.9	71.7	223.8	329.6
269	39.1	3.5	95	13.2	9.7	168.5	71.7	412.4	649.7
270	39.2	2.7	73	14.2	10.2	171.4	79.3	350.3	460.2
289	39.4	3.4	90	13.2	9.5	126.4	64.2	301.1	411.9
402	42.0	2.4	62	18.7	12.2	224.6	250.0	350.3	562.1
407	40.2	3.0	77	15.0	8.9	152.3	73.1	313.6	-
414	38.1	2.7	79	13.6	10.1	-	-	-	-