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APPENDIX-1A : Individual values for fetal iron studies.

(A) For liver iron stores.

Subject No.	Weeks of gestation.	Fetal weight (g)	Weight as % expected weight	Liver weight (g)	Liver weight as % body weight	Liver iron		Maternal		
						Concentration (mg/g)	Content (mg)	Blood hemoglobin (g/dl)	Serum iron (ug/dl)	Serum TIBC (ug/dl)
1	2	3	4	5	6	7	8	9	10	11

Gestational age group < 18 weeks, Low income group.

26	12.2	45.0	83	2.52	5.6	0.65	1.64	-	-	-
45	13.1	57.5	74	3.15	5.5	0.35	1.09	10.3	115.1	-
46	13.1	44.0	56	2.24	5.1	0.63	1.43	10.3	115.1	-
57	13.5	61.0	55	2.74	4.5	0.56	1.52	10.0	92.5	357.0
56a	12.2	35.0	78	1.21	3.5	0.65	0.79	9.0	75.5	-
73	14.5	109.0	100	3.19	2.9	0.31	1.00	9.9	49.2	395.0
71	15.1	120.0	77	3.72	3.1	0.30	1.10	6.9	-	-
78	15.3	140.0	90	6.17	5.2	0.54	3.36	10.0	41.0	339.0
87	12.1	99.0	90	2.06	2.1	0.13	0.27	11.0	-	-
88	12.0	28.5	63	1.20	4.2	0.80	0.89	12.4	-	-
91	15.4	153.0	85	10.07	6.6	0.35	3.49	13.3	91.1	-
93	10.6	13.0	48	0.62	4.7	0.60	0.37	13.8	77.2	-
99	15.0	85.0	55	3.00	3.5	0.43	1.29	10.2	49.4	440.0
102	13.1	53.0	65	2.10	4.0	0.36	0.75	-	-	304

Appendix-1A (Contd.)

1	2	3	4	5	6	7	8	9	10	11
21	16.5	130.0	58	4.04	3.1	0.22	0.87	-	-	-
32	17.1	206.0	70	5.10	2.5	0.30	1.53	-	-	-
37	16.0	140.0	70	7.17	5.1	0.39	2.82	10.9	122.0	459.0
40	17.4	188.0	64	5.00	2.7	0.42	2.12	-	-	-
42	16.3	123.0	62	3.75	3.0	0.58	2.17	8.3	207.6	307.0
58	16.2	177.0	89	6.44	3.6	0.15	0.96	13.6	133.0	476.0
69	17.1	281.0	104	4.69	1.7	0.37	1.75	-	-	-
69a	17.1	281.0	104	4.69	1.7	0.37	1.75	-	-	-
79	16.1	143.0	70	5.14	3.6	0.24	1.25	13.2	-	-
83	16.0	134.0	67	4.95	3.7	0.15	0.76	14.7	131.6	472.0
84	16.1	140.0	70	5.13	3.6	0.24	1.25	7.25	478.5	411.0
90	16.0	133.0	67	2.43	1.8	0.26	0.64	12.8	220.7	-
96	17.0	171.0	67	6.97	4.1	0.47	3.28	11.0	64.8	384.0
<u>Gestational age group >18 weeks, Low income group</u>										
13	18.0	120.0	38	5.51	4.6	0.52	2.84	10.3	42.0	405.0
11	18.1	300.0	91	10.70	3.6	0.42	4.54	-	-	-
48	18.2	214.0	67	5.57	4.0	0.39	3.32	7.6	75.5	453.0
60	19.0	192.0	49	9.41	4.9	0.23	2.16	10.5	-	-
62	18.5	238.0	61	9.63	4.0	0.18	1.80	-	-	-
33	19.6	248.0	54	12.03	4.9	0.12	1.40	5.9	49.1	463.0

1	2	3	4	5	6	7	8	9	10	11
65	19.3	197.0	47	8.87	4.5	0.38	3.39	11.8	135.5	410.0
77	19.0	364.0	93	13.04	3.6	0.31	4.03	14.7	225.4	358.0
76	18.2	220.0	67	6.22	2.8	0.38	2.38	11.8	59.5	352.0
86	18.4	273.0	85	11.83	4.3	0.31	3.17	14.2	126.6	547.0
95	19.0	307.0	79	9.42	3.1	0.12	1.21	-	166.7	-
101	18.2	213.0	63	9.22	4.3	0.47	4.32	12.5	81.8	511.0
106	19.5	327.0	74	12.05	3.7	0.49	5.84	9.2	-	535.0
2	20.0	302.0	65	9.25	3.1	0.42	3.84	-	-	-
14	20.4	292.0	67	10.98	3.8	0.76	8.31	-	-	-
31a	20.2	280.0	61	12.01	4.3	0.54	6.45	-	-	-
35	20.0	315.0	68	9.90	3.1	0.28	2.72	10.2	47.2	392.0
50	21.0	313.0	60	13.56	4.3	0.62	8.35	-	105.7	-
51	21.0	239.0	44	9.16	3.8	0.38	3.51	11.3	118.9	531.0
54	20.3	284.0	56	9.28	3.3	0.42	3.90	-	41.5	390.0
61	20.4	296.0	54	12.40	4.2	0.31	3.83	8.9	89.7	-
66	20.2	234.0	51	9.00	3.8	0.14	1.24	-	179.5	371.0
70a	22.2	518.0	82	22.76	4.4	0.45	10.3	-	-	-
81	21.2	315.0	58	9.19	2.9	0.28	2.61	11.3	70.9	479.0
107	21.0	263.0	48	12.31	4.7	0.38	4.64	12.1	-	736.0
22	22.1	290.0	45	19.86	6.8	0.27	5.50	-	-	-
23	22.1	313.0	47	17.25	5.5	0.33	5.61	-	-	-
29	23.2	509.0	69	18.87	3.7	0.40	7.55	-	-	-
38	23.5	530.0	65	18.60	3.5	0.16	2.96	-	-	-

Appendix-1A (Contd.)

1	2	3	4	5	6	7	8	9	10	11
52	23.0	503.0	69	19.31	3.8	0.26	5.10	-	-	-
64	22.5	402.0	55	23.87	5.9	0.24	5.73	10.6	207.0	-
34	22.4	486.0	67	22.34	4.6	0.60	13.36	-	75.5	318.0
43	23.0	554.0	76	27.33	4.9	0.26	6.53	-	139.6	410.0
1	24.2	600.0	73	12.51	2.1	0.30	3.75	10.6	-	-
12	24.4	700.0	80	27.98	4.0	0.35	9.65	-	-	-
16	25.0	750.0	81	34.11	4.5	0.41	13.98	10.1	-	-
41	24.4	550.0	60	21.73	4.0	0.51	10.07	7.5	125.3	406.0
4	26.0	808.0	81	31.96	4.0	0.18	5.82	9.8	-	-
5	26.3	605.0	57	27.20	4.5	0.30	8.16	-	-	-
82	26.0	584.0	71	26.58	4.6	0.19	5.14	-	-	-
85	26.0	680.0	68	25.40	3.7	0.29	7.34	12.1	98.7	445.0
89	25.3	375.0	40	22.52	6.0	0.06	1.46	-	-	-
92	25.0	494.0	55	4.05	2.8	0.46	6.41	-	-	-
28	29.0	800.0	53	31.01	3.9	0.67	21.00	-	-	-
36	28.2	900.0	69	43.00	4.8	0.21	8.82	-	-	-
28	29.0	800.0	53	31.01	3.9	0.67	21.00	-	-	-
36	28.2	900.0	69	43.00	4.8	0.21	8.82	-	-	-
19	30.1	1000.0	58	36.90	3.7	0.42	15.46	-	-	-
31	30.1	1050.0	61	31.50	3.0	0.19	5.86	-	-	-
98	36.0	2800.0	97	108.00	3.9	0.33	35.21	11.1	120.4	472.0

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Appendix-1A (Contd.)

	1	2	3	4	5	6	7	8	9	10	11
	<u>Gestational age /18 weeks, High income group</u>										
44		14.4	75.0	68	2.92	3.9	0.35	1.02	11.6	77.4	420.0
47		15.6	139.0	70	7.03	5.1	0.54	3.85	10.1	103.8	409.0
63		14.3	60.5	55	3.14	5.2	0.55	1.71	14.2	126.4	335.0
105		15.2	161.0	96	6.00	3.7	0.36	2.14	8.9	54.0	722.0
109		14.4	181.0	133	9.32	5.1	0.77	7.18	-	-	-
116		15.0	160.0	103	5.39	3.4	0.32	1.71	14.4	49.2	528.0
118		15.2	171.0	102	6.29	3.7	0.30	1.88	12.5	86.6	511.0
15		16.2	124.2	59	4.54	3.7	0.49	2.21	-	-	-
30		17.6	268.0	86	8.04	3.0	0.52	4.18	-	-	-
55		17.0	168.0	65	6.64	4.0	0.34	2.26	12.8	118.9	-
56		16.0	155.0	78	7.53	5.5	0.67	5.74	10.0	105.7	-
67		16.6	210.0	81	8.62	4.1	0.45	3.89	11.2	124.5	342.0
68		17.5	233.0	73	8.29	3.6	0.21	1.70	9.3	175.8	489.0
80		18.0	252.0	79	11.35	4.5	0.36	4.10	-	-	-
97		17.6	152.0	49	4.85	3.2	0.38	1.83	-	-	-
103		17.5	227.0	76	9.71	4.3	0.44	4.30	-	-	-
104		17.0	143.0	55	5.66	4.0	0.36	1.99	-	-	-
108		17.5	213.0	71	8.59	4.0	0.45	3.89	-	-	-
115		17.4	314.0	107	9.99	3.2	0.50	4.97	-	-	-
120		16.5	139.0	57	6.63	4.8	0.40	2.63	11.3	-	-

Appendix-1A (Contd.)

1	2	3	4	5	6	7	8	9	10	11
122	16.6	180.0	72	8.67	4.8	0.62	5.40	-	-	-
123	17.6	250.0	81	8.06	3.2	0.33	2.63	8.4	-	-
<u>Gestational age > 18 weeks, High income group</u>										
10	18.0	158.2	49	6.26	4.0	0.58	3.66	-	-	-
49	19.0	235.0	60	9.84	4.2	0.53	5.19	-	-	-
53	19.6	276.0	60	10.97	4.0	1.06	11.62	-	-	-
59	19.2	251.0	64	10.81	4.3	0.42	4.51	11.1	215.1	-
75	19.0	246.0	63	8.16	3.3	0.29	2.38	-	-	-
94	18.6	250.0	66	9.88	4.0	0.44	4.34	-	-	-
110	19.2	225.0	55	11.28	5.0	0.50	5.65	11.8	165.2	613.0
111	18.4	334.0	93	13.56	4.1	0.52	7.07	13.2	75.9	528.0
112	20.0	333.0	72	10.08	3.0	0.51	5.10	10.8	-	-
114	19.5	279.0	64	8.06	2.9	0.37	3.05	-	-	-
121	18.3	270.0	77	8.90	3.3	0.27	2.39	-	-	-
119	23.3	650.0	85	26.52	4.1	0.31	8.19	8.5	98.2	-
24	29.1	1050.0	72	39.96	3.8	0.34	13.39	-	-	-

Appendix-1B (Contd..)

	1	2	3	4	5	6	7	8	9	10	11	12
72		16.1	125.0	60	0.059	0.050	0.476	0.028	0.45	0.36	0.202	0.091
79		16.1	143.0	70	0.167	0.120	2.300	0.384	1.00	0.70	0.190	0.191
83		16.0	134.0	67	0.269	0.200	0.870	0.234	1.05	0.78	0.148	0.155
84		16.1	140.0	70	-	-	-	-	0.76	0.54	0.179	0.136
<u>Gestational age group >18 weeks, Low income group</u>												
13		18.0	120.0	38	0.149	0.120	0.439	0.065	-	-	-	-
118		18.2	214.0	67	0.315	0.150	0.381	0.120	-	-	-	-
60		19.0	192.0	49	0.189	0.100	0.280	0.053	1.983	1.00	0.076	0.151
62		18.5	238.0	61	0.227	0.100	0.275	0.062	2.265	1.00	0.081	0.183
65		19.3	197.0	47	0.151	0.077	0.486	0.073	2.15	1.10	0.138	0.297
75a		19.0	246.0	63	0.179	0.073	0.855	0.153	1.03	0.40	0.176	0.182
76		18.2	220.0	67	0.246	0.112	0.327	0.080	1.97	0.90	0.250	0.497
77		19.0	364.0	93	0.313	0.086	0.220	0.069	2.40	0.70	0.142	0.340
86		18.4	273.0	85	0.142	0.050	0.573	0.081	1.84	0.68	0.154	0.284
2		20.0	302.0	65	0.121	0.040	0.128	0.143	-	-	-	-
14		20.4	292.0	57	0.585	0.200	0.351	0.205	-	-	-	-
31a		20.2	280.0	61	0.245	0.090	0.283	0.069	-	-	-	-
35		20.0	315.0	68	0.243	0.077	0.332	0.081	-	-	-	-
50		21.0	313.0	60	0.422	0.130	0.244	0.103	2.66	0.80	0.110	0.292
51		20.0	239.0	44	0.173	0.070	0.572	0.099	2.04	0.90	0.050	0.102

Appendix-1B (Contd.)

1	2	3	4	5	6	7	8	9	10	11	12
54	20.3	284.0	56	0.374	0.120	0.220	0.077	1.81	0.60	0.113	0.205
61	20.4	296.0	54	0.300	0.100	0.178	0.053	2.68	0.90	0.084	0.225
22	22.1	290.0	45	0.474	0.160	0.282	0.134	-	-	-	-
23	22.1	313.0	47	0.321	0.100	0.377	0.121	-	-	-	-
29	23.2	509.0	69	0.530	0.100	0.280	0.148	-	-	-	-
38	23.5	530.0	65	0.428	0.080	0.131	0.056	-	-	-	-
64	22.5	402.0	55	0.446	0.110	0.214	0.095	3.23	0.80	0.115	0.371
52	23.0	503.0	69	-	-	-	-	3.62	0.70	0.152	0.550
81	21.2	315.0	58	0.210	0.070	0.426	0.089	1.98	0.60	0.131	0.259
1	24.2	600.0	73	0.840	0.140	0.159	0.134	-	-	-	-
12	24.4	700.0	80	0.732	0.100	0.191	0.139	-	-	-	-
16	25.0	750.0	81	0.933	0.120	0.230	0.215	-	-	-	-
41	24.4	550.0	60	1.270	0.230	0.189	0.240	-	-	-	-
4	26.0	808.0	81	1.705	0.210	0.314	0.577	-	-	-	-
5	26.3	605.0	57	0.563	0.090	0.209	0.117	-	-	-	-
82	26.0	584.0	71	0.463	0.080	1.040	0.482	3.51	0.60	0.136	0.476
85	26.0	680.0	68	0.782	0.120	0.353	0.276	4.83	0.70	0.081	0.392
24	29.1	1050.0	69	1.732	0.160	0.211	0.365	-	-	-	-
28	29.6	800.0	53	1.170	0.150	0.280	0.330	-	-	-	-
36	28.2	900.0	69	1.800	0.200	0.168	0.300	-	-	-	-
19	30.1	1000.0	58	0.873	0.090	0.072	0.063	-	-	-	-
31	30.1	1050.0	61	1.83	0.170	0.190	0.348	-	-	-	-
27	32.2	1350.0	63	2.221	0.160	0.190	0.420	-	-	-	-

Appendix-1B (Contd.)

	1	2	3	4	5	6	7	8	9	10	11	12
18	18	34.0	2300.0	92	4.430	0.190	0.244	1.080	-	-	-	-
17	17	40.0	3200.0	94	8.115	0.250	0.314	2.550	-	-	-	-
<u>Gestational age /18 weeks, High income group</u>												
44	44	14.4	75.0	68	0.013	0.017	3.380	0.044	-	-	-	-
47	47	15.6	39.0	70	0.219	0.158	0.423	0.093	-	-	-	-
63	63	14.3	60.5	55	0.051	0.080	0.640	0.033	-	-	-	-
30	30	17.5	268.0	86	0.190	0.070	0.670	0.128	-	-	-	-
67	67	16.6	210.0	81	0.251	0.112	0.497	0.125	1.89	0.90	0.132	0.249
68	68	17.5	233.0	73	0.250	0.107	0.218	0.055	2.10	0.90	0.159	0.333
<u>Gestational age group 7 18 weeks, High income group</u>												
10	10	18.0	158.2	49	0.215	0.140	0.305	0.065	-	-	-	-
49	49	19.0	235.0	60	0.216	0.090	0.609	0.132	2.09	0.90	0.162	0.339
59	59	19.2	251.0	64	0.352	0.140	0.450	0.158	2.38	0.90	0.092	0.219
53	53	19.6	276.0	60	-	-	-	-	1.33	0.50	0.173	0.231
80	80	18.0	252.0	79	0.214	0.080	0.682	0.146	2.94	1.20	0.077	0.226
75	75	19.0	246.0	63	0.179	0.070	0.855	0.153	1.03	0.40	0.176	0.182
70	70	22.2	518.0	82	0.400	0.080	0.466	0.186	6.36	1.23	0.069	0.439