

STANDARD VALUES

Measurements - cm
Weights - gm

1.	<u>Brain</u>	male		1100-1700	(1400)
		female		1050-1550	(1275)
2.	<u>Pineal</u>		0.2		
3.	<u>Heart & Vessels</u>	male		270-360 (300)	L.V. I.S.
		female		200-280 (250)	R.V. O.S.
					Auric .2
	Mitral v.		8-10.5 (10.0)		
	Aortic		6-7.5 (7.5)		
	Pulmonic		7-9 (8.5)		
	Tricuspid		10-12.5 (12.0)		
	Pulmonary a.		8.0		
	Aorta - ascending		7.4		
	thoracic		5.0		circumferences
	abdominal		4.0		
4.	<u>Lungs</u>	Right		360-570 (450)	
		Left		325-480 (375)	
5.	<u>Liver</u>		1500-1800 (1650)		
6.	<u>Spleen</u>		155		
7.	<u>Pancreas</u>		60-135 (110)		
8.	<u>Kidneys</u> (together)	male		230-440	

cases	592	592		152	183	187	187	184	180	149	113	139	78	592	
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* Figures include only normal nonmacerated fetuses. Most of those under 200gm were obtained by hysterectomy.
Category 450+ includes 450-409gm.

TABLE 2-5. - Organ Weight in Grams, Body Length and Fetal Age in Relation to Body weight (Chicago Lying-in Hospital)

Organ		500-959	1,000 - 1,499	1,500 - 1,999	2,000 - 2,459	2,500 - 2,999	3,000 - 3,499	3,500 - 3,999	4,000 - 4,499	4,500 +	
Brain	X	109	180	250	308	359	403	421	424	406	
	SD	45	53	55	76	67	60	72	55	56	
	N	267	181	148	149	127	138	76	41	28	
Lungs	X	18	27	38	44	49	55	58	66	74	
	SD	6	7	10	10	11	13	12	15	16	
	N	256	130	108	83	69	88	51	20	21	
Heart	X	6	9	13	15	19	21	23	28	26	
	SD	2	5	5	5	5	4	5	5	10	
	N	368	257	226	198	186	213	127	58	41	
Liver	X	39	60	76	98	127	155	178	215	275	
	SD	11	16	17	25	31	33	38	36	54	
	N	376	269	232	207	138	226	135	59	43	
Spleen	X	2	3	5	7	9	10	12	14	17	
	SD	3	3	3	5	4	4	5	5	7	
	N	367	267	228	211	187	220	134	61	43	
Kidneys	X	7	12	16	20	23	25	28	31	33	
	SD	3	4	4	4	5	5	7	7	8	
	N	340	220	219	180	171	204	121	54	37	
Adrenals	X	3	4	5	6	8	10	11	12	15	
	SD	1	1	2	2	3	3	3	4	4	
	N	356	262	227	205	184	216	128	60	36	
Thymus	X	2	4	7	8	9	11	13	14	17	
	SD	1	2	3	4	4	4	5	5	6	
	N	366	262	228	208	188	223	125	59	42	
Thyroid	X	0.8	0.8	0.9	1.0	1.3	1.6	1.7	1.9	2.3	
	SD	0.7	0.8	0.6	0.7	0.9	0.9	0.8	0.9	1.1	
	N	255	177	153	141	128	148	84	45	34	
Pancreas	X	1.0	1.4	2.0	2.3	3.0	3.5	4.0	4.6	6.0	
	SD	1.3	1.0	1.3	1.1	1.2	1.2	1.5	2.1	6.2	
	N	245	170	127	143	125	131	85	45	34	

Length (cm)

Crown-heel	X	33	39	43	47	50	52	53	54	56	
	SD	3	2	3	2	2	2	2	2	2	
	N	386	276	241	217	191	230	136	63	43	
Crown-rump	X	22	26	29	32	34	36	37	38	40	
	SD	2	2	2	2	2	2	2	2	2	
	N	386	275	241	217	187	230	134	63	42	

Fetal Age ___ Day LMP to Birth

Day	X	180	206	230	250	270	276	281	251	283
	SD	23	23	24	28	22	20	16	12	12
	N	220	181	153	124	111	126	56	28	25

* Based on 1,878 autopsies of fetuses and infants less than 2 hours of age who were not macerated, malformed, erythroblastic or one of twins. Also excluded were _____ with premeria. hyaline membranes and large amounts of amnio_____ fluid. X= mean weight: SD = standard deviation: N= number. LMP = last menstrual period.