

Data based on: <http://www.cdc.gov/growthcharts/>

Designed by Ernest M. Post, MD

RSS stature curves were added by MAGIC and are an approximation based on data from the Wollman et al study "Growth & Symptoms in S-R S: A Review on the Basis of 386 Patients", 1985

Stature, Weight & Head Circumference CHARTS

Instructions for Parents and Caregivers

NOTE: You will need MS Excel to use this charting tool.

? Some aspects of this workbook are protected against accidental change. If prompted for password, "hormones."

DIRECTIONS FOR ADDING YOUR CHILD'S DATA

1. Go to the "Patient" worksheet by simply clicking on the tab at the bottom of the worksheet that reads "PatientData"
2. Enter information in all of the cells that are shaded grey (such as birthdate, exam dates, measurements)
4. The data you entered will be plotted on the chart.

******VERY IMPORTANT All data must be entered using centimeters and kilograms. [1 pound = .455 kilograms; 1 inch = 2.54 centimeters]**

DIRECTIONS TO READ YOUR CHILD'S GROWTH CURVES

1. Simply click on the tabs at the bottom of the screen (e.g., "GraphBoysWeight")
If you need to change the printing margins, be sure to check the alignment of the English scales.

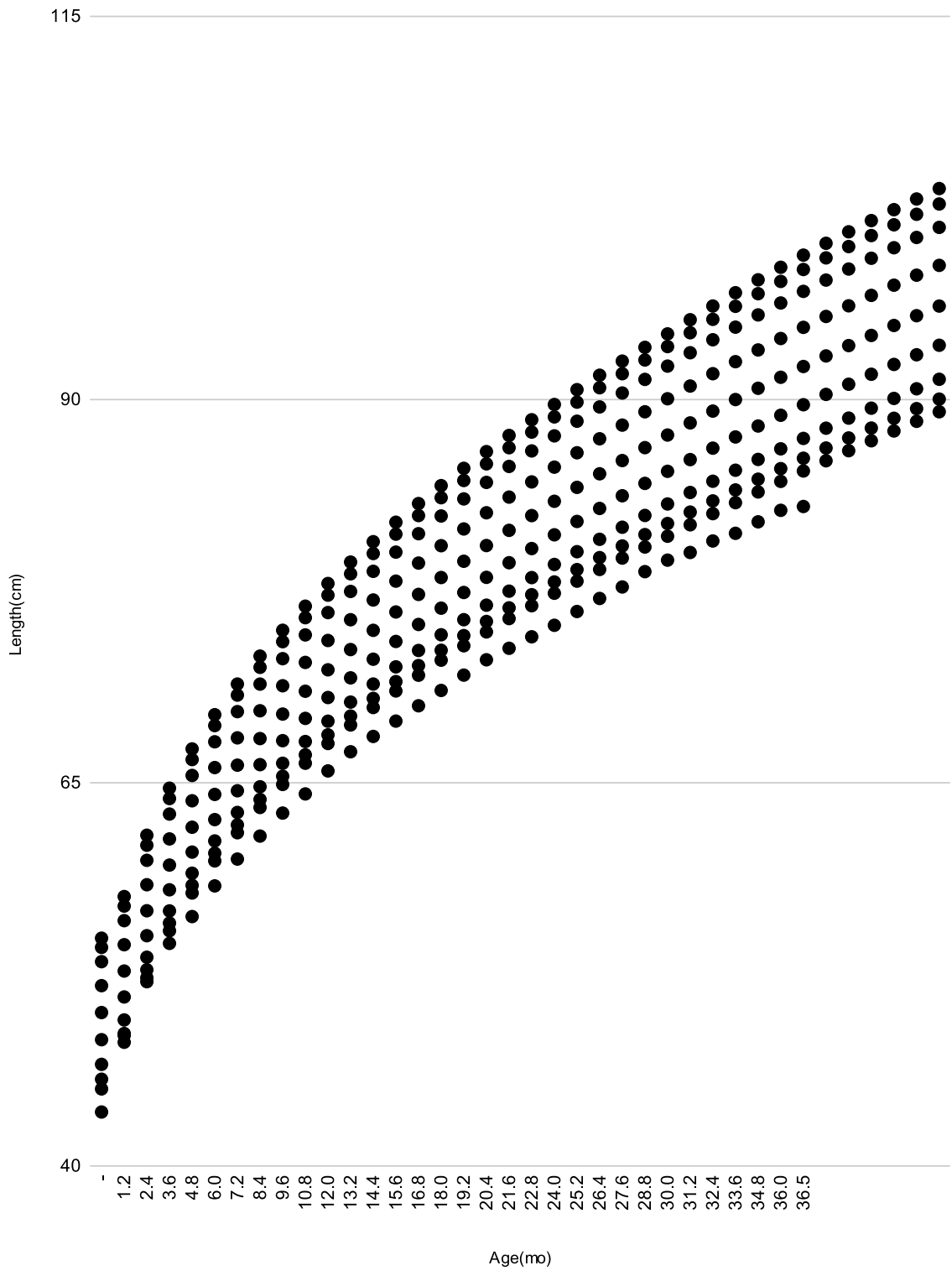
DIRECTIONS FOR PRINTING GRAPHS:

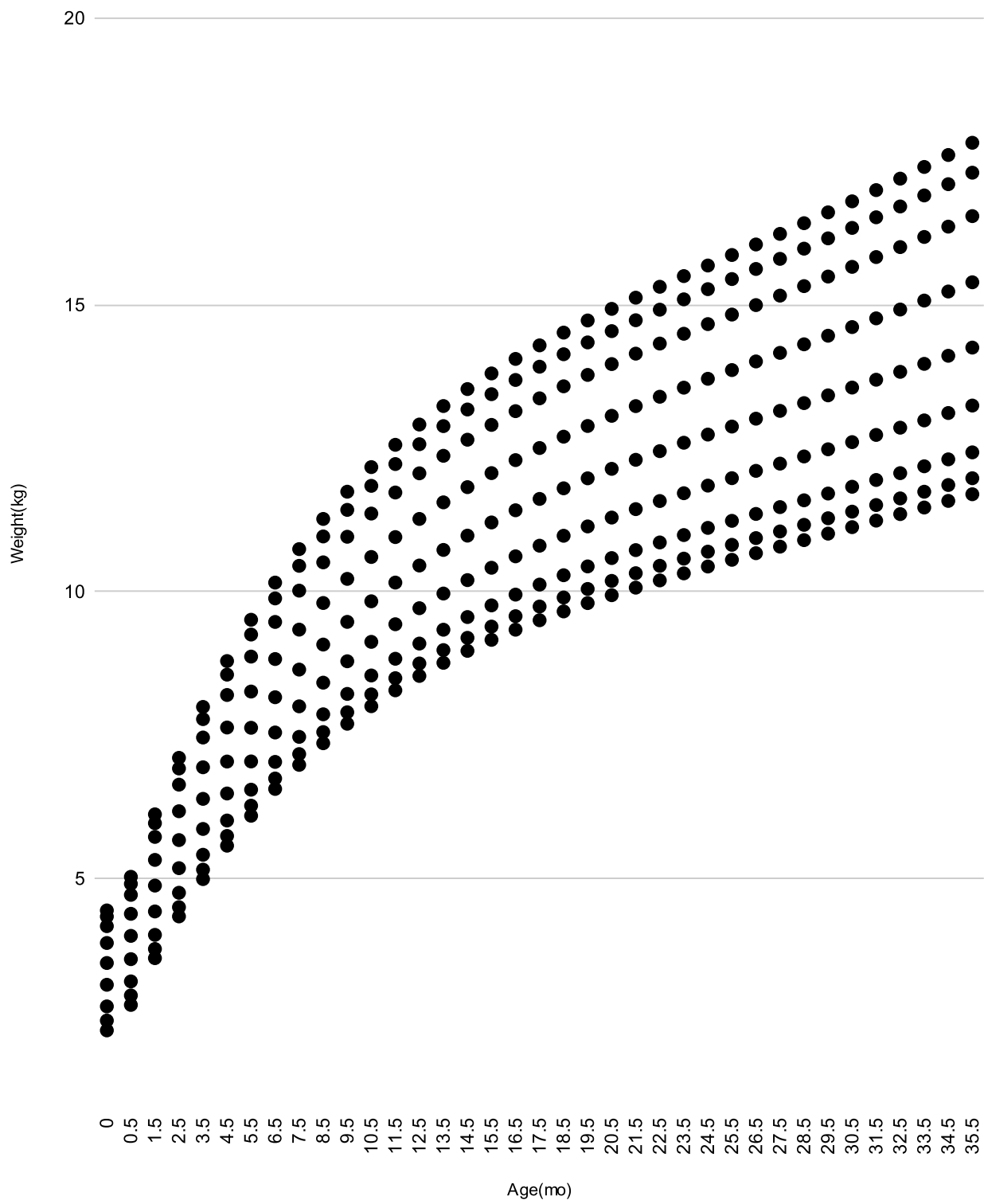
1. Go to the desired worksheet. Choose File/Print Preview.
2. If the graph does not fill most of the page, you need to Close the Preview and "Select" the graph by clicking on its edge.
3. The charts are not WYSIWYG (What You See is What You Get). To see what you'll be printing choose File/Print Preview. Keep in mind that the English scales are not precise because of this WYSIWIG problem & due to variations among printers.
4. If you need to change the printing margins, be sure to check the alignment of the English scales.

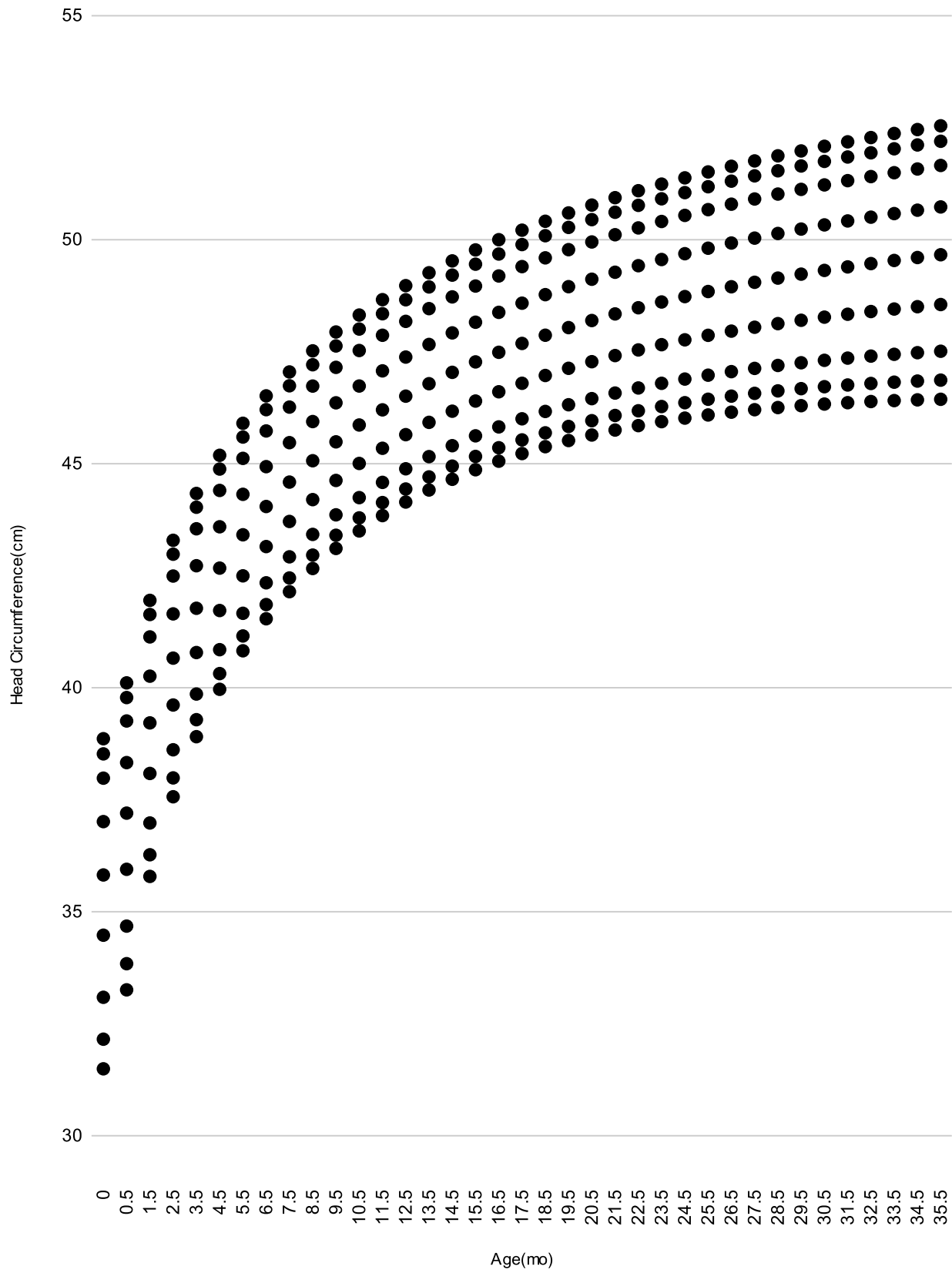
DIRECTIONS FOR EDITING THE CHART (if needed)

Note: An English scale is available using a second "chart" that is "grouped" with the main chart.

1. To make any changes you have to remove the "Protection" by choosing Tools/Protection. When asked for the password, enter in "hormones"
2. Before starting your edits you need to "ungroup" the chart from the table. Here's how to do this:
 - v Right click on the top border of the chart. Choose Grouping then Ungroup.
 - v Click somewhere off to the side of the charts.
 - v Click on the top or left border of the chart.
3. Click on the chart feature you want to change. Sometimes a right click is needed. (If you wish to remove my name, click on it and press Delete.)
4. To make the chart(s) printable again, you will need to regroup.
 - v Click off to the side anyplace.
 - v Click just to the right of the English scale.
 - v Hold the shift key and click on the top border of the chart.
 - v Right click in the same place and choose Grouping then Regroup.
5. It's a good idea to restore the Protection by choosing Tools/Protection.







Sex	Age	month	L	M	S	P3	P5	P10	P25	P50	P75	P90	P95	P97
boy		0	1.2670042	49.988884	0.0531121	45.00613	45.6391507	46.609256	48.218174	49.988884	51.742731	53.307562	54.238104	54.840115
1		0.5	0.5112376	52.695975	0.0486926	48.04974	48.6209095	49.506962	51.005253	52.695975	54.414056	55.983760	56.933751	57.554950
1		1.5	-0.452244	56.628428	0.0441168	52.26117	52.781234	53.597082	55.002406	56.628428	58.326263	59.919249	60.903396	61.555325
1		2.5	-0.990594	59.608953	0.0417955	55.32153	55.8249246	56.618401	57.996337	59.608953	61.314675	62.936319	63.948850	64.624196
1		3.5	-1.285837	62.077000	0.0404541	57.78650	58.2869232	59.077460	60.455505	62.077000	63.802892	65.454487	66.491261	67.185217
1		4.5	-1.430312	64.216864	0.0396338	59.88038	60.3848088	61.182374	62.574804	64.216864	65.969199	67.650732	68.708715	69.417940
1		5.5	-1.476575	66.125314	0.0391238	61.71780	62.2303065	63.040732	64.455909	66.125314	67.907520	69.618447	70.695318	71.417386
1		6.5	-1.456837	67.860179	0.0388119	63.36585	63.889034	64.716042	66.159250	67.860179	69.674153	71.413701	72.507627	73.240708
1		7.5	-1.391898	69.459084	0.0386332	64.86745	65.4030964	66.249211	67.723968	69.459084	71.305833	73.073139	74.182631	74.925314
1		8.5	-1.295714	70.948039	0.0385468	66.25187	66.8012695	67.668279	69.177016	70.948039	72.828027	74.622198	75.746027	76.497199
1		9.5	-1.177919	72.345861	0.0385262	67.54008	68.1041730	68.993390	70.537824	72.345861	74.259205	76.079359	77.216492	77.975261
1		10.5	-1.045326	73.666654	0.0385533	68.74760	69.3271340	70.239548	71.820914	73.666654	75.613245	77.458529	78.608089	79.373730
1		11.5	-0.902800	74.921297	0.0386155	69.88633	70.4818877	71.418262	73.037452	74.921297	76.900875	78.770474	79.931706	80.703624
1		12.5	-0.753908	76.118375	0.0387034	70.96560	71.5776401	72.538570	74.196232	76.118375	78.130583	80.023723	81.195973	81.973675
1		13.5	-0.601263	77.264799	0.0388105	71.99284	72.6217591	73.607718	75.304314	77.264799	79.309215	81.225163	82.407862	83.190936
1		14.5	-0.446805	78.366223	0.0389317	72.97413	73.6202435	74.631610	76.367464	78.366223	80.442383	82.380452	83.573099	84.361198
1		15.5	-0.291974	79.427340	0.0390633	73.91447	74.5780495	75.615128	77.390456	79.427340	81.534757	83.494298	84.696453	85.489283
1		16.5	-0.137847	80.452094	0.0392023	74.81805	75.4993247	76.562362	78.377295	80.452094	82.590266	84.570673	85.781943	86.579253
1		17.5	0.0147761	81.443836	0.0393466	75.68840	76.3875784	77.476773	79.331378	81.443836	83.612255	85.612957	86.832995	87.634571
1		18.5	0.165304	82.405436	0.0394943	76.52856	77.2458093	78.361323	80.255611	82.405436	84.603598	86.624059	87.852554	88.658211
1		19.5	0.3133018	83.339380	0.0396442	77.34112	78.0766025	79.218564	81.152503	83.339380	85.566783	87.606503	88.843174	89.652755
1		20.5	0.4584554	84.247833	0.0397951	78.12837	78.8822039	80.050715	82.024240	84.247833	86.503985	88.562491	89.807088	90.620455
1		21.5	0.6005446	85.132696	0.0399463	78.89227	79.6645786	80.859718	82.872734	85.132696	87.417114	89.493963	90.746259	91.563293
1		22.5	0.7394389	85.995648	0.0400971	79.63456	80.4254556	81.647286	83.699674	85.995648	88.307860	90.402635	91.662424	92.483020
1		23.5	0.8750004	86.838175	0.0402470	80.35681	81.1663702	82.414933	84.506552	86.838175	89.177723	91.290035	92.557133	93.381202
1		24.5	1.0072080	87.661609	0.0403956	81.06037	81.8886848	83.164009	85.294705	87.661609	90.028048	92.157530	93.431767	94.259230
1		25.5	0.8372513	88.452472	0.0405775	81.80529	82.6344520	83.913870	86.058877	88.452472	90.856754	93.029660	94.334066	95.182780
1		26.5	0.6814929	89.223264	0.0407231	82.53416	83.3640611	84.647161	86.805173	89.223264	91.662604	93.876081	95.208849	96.077617
1		27.5	0.5387796	89.975492	0.0408331	83.24846	84.0789858	85.365344	87.535069	89.975492	92.447113	94.698271	96.057541	96.945118
1		28.5	0.4076971	90.710408	0.0409090	83.94945	84.7804526	86.069619	88.249772	90.710408	93.211590	95.497570	96.881488	97.786625
1		29.5	0.2867624	91.429077	0.0409524	84.63819	85.4694844	86.760983	88.950284	91.429077	93.957189	96.275220	97.681979	98.603453
1		30.5	0.1744894	92.132423	0.0409653	85.31558	86.1469433	87.440271	89.637454	92.132423	94.684955	97.032394	98.460266	99.396905
1		31.5	0.0694445	92.821271	0.0409499	85.98238	86.8135655	88.108200	90.312018	92.821271	95.395853	97.770215	99.217579	100.16828
1		32.5	-0.029720	93.496379	0.0409087	86.63925	87.4699933	88.765400	90.974636	93.496379	96.090799	98.489780	99.955137	100.91889
1		33.5	-0.124251	94.158465	0.0408440	87.28678	88.1168015	89.412440	91.625918	94.158465	96.770678	99.192175	100.67416	101.65005
1		34.5	-0.215288	94.808229	0.0407584	87.92552	88.7545216	90.049855	92.266447	94.808229	97.436367	99.878480	101.37588	102.36308
1		35.5	-0.303854	95.446369	0.0406543	88.55597	89.3836612	90.678164	92.896801	95.446369	98.088745	100.54978	102.06153	103.05934
1		36.5	-0.390918	96.073591	0.0405341	89.17864	90.0047261	91.297886	93.517559	96.073591	98.728699	101.20719	102.73237	103.74018

Boy		Agemonth	RSS
1	0	-	43.50
1	0.100	1.2	48.50
1	0.200	2.4	52.00
1	0.300	3.6	54.50
1	0.400	4.8	56.25
1	0.500	6.0	58.25
1	0.600	7.2	60.00
1	0.700	8.4	61.50
1	0.800	9.6	63.00
1	0.900	10.8	64.25
1	1.000	12.0	65.75
1	1.100	13.2	67.00
1	1.200	14.4	68.00
1	1.300	15.6	69.00
1	1.400	16.8	70.00
1	1.500	18.0	71.00
1	1.600	19.2	72.00
1	1.700	20.4	73.00
1	1.800	21.6	73.75
1	1.900	22.8	74.50
1	2.000	24.0	75.25
1	2.100	25.2	76.15
1	2.200	26.4	77.00
1	2.300	27.6	77.75
1	2.400	28.8	78.75
1	2.500	30.0	79.50
1	2.600	31.2	80.00
1	2.700	32.4	80.75
1	2.800	33.6	81.25
1	2.900	34.8	82.00
1	3.000	36.0	82.75
1	3.040	36.5	83.00

Sex	Age	Month	L	M	S	P3	P5	P10	P25	P50	P75	P90	P95	P97
1	0		1.8151510	3.5302031	0.1523852	2.35545098	2.52690402	2.7738018	3.1506110	3.5302031	3.8790765	4.1724933	4.3402927	4.4464883
1	0.5		1.5475231	4.0031064	0.1460250	2.79954864	2.96465565	3.2095100	3.5973955	4.0031064	4.3874225	4.7181612	4.9101301	5.0326249
1	1.5		1.0687955	4.8795250	0.1364787	3.61468807	3.77484886	4.0205614	4.4288729	4.8795250	5.3273275	5.7281527	5.9671016	6.1219291
1	2.5		0.6959735	5.6728887	0.1296775	4.34234145	4.50325534	4.7544793	5.1833775	5.6728887	6.1755981	6.6389791	6.9211191	7.1062501
1	3.5		0.4198150	6.3913919	0.1247170	4.99289789	5.15741165	5.4168028	5.8668062	6.3913919	6.9422171	7.4607023	7.7814011	7.9938780
1	4.5		0.2198668	7.0418364	0.1210401	5.57516906	5.74475156	6.0137162	6.4849691	7.0418364	7.6353230	8.2021932	8.5568133	8.7934436
1	5.5		0.0775055	7.6304251	0.1182712	6.09677527	6.27217529	6.5513792	7.0436269	7.6304251	8.2620329	8.8713841	9.2556145	9.5133065
1	6.5		-0.0219071	8.1629510	0.1161536	6.56443034	6.74599266	7.0356564	7.5483457	8.1629510	8.8287861	9.4754661	9.8854357	10.161350
1	7.5		-0.0894401	8.6448324	0.1145103	6.98412333	7.17195239	7.4720214	8.0043987	8.6448324	9.3414903	10.021013	10.453314	10.744923
1	8.5		-0.133409	9.0811198	0.1132171	7.36123611	7.55528675	7.8655329	8.4167187	9.0811198	9.8055933	10.514064	10.965736	11.270838
1	9.5		-0.160095	9.4765003	0.1121862	7.70062440	7.90075516	8.2208392	8.7898818	9.4765003	10.226123	10.960172	11.428676	11.745384
1	10.5		-0.174296	9.8353077	0.1113545	8.00667744	8.21268353	8.5421954	9.1281095	9.8353077	10.607721	11.364450	11.847632	12.174357
1	11.5		-0.179718	10.161535	0.1106764	8.28336485	8.49499955	8.8334856	9.4352794	10.161535	10.954660	11.731601	12.227661	12.563083
1	12.5		-0.179254	10.458853	0.1101186	8.53427502	8.75126425	9.0982457	9.7149418	10.458853	11.270871	12.065947	12.573401	12.916450
1	13.5		-0.175184	10.730625	0.1096569	8.76264858	8.98470111	9.3396876	9.9703375	10.730625	11.559963	12.371453	12.889108	13.238933
1	14.5		-0.169322	10.979924	0.1092736	8.97140728	9.19822242	9.5607223	10.204417	10.979924	11.825240	12.651748	13.178670	13.534621
1	15.5		-0.163113	11.209555	0.1089559	9.16318031	9.39445383	9.7639817	10.419862	11.209555	12.069725	12.910151	13.445639	13.807244
1	16.5		-0.157709	11.422067	0.1086946	9.34032806	9.57575696	9.9518399	10.619101	11.422067	12.296169	13.149687	13.693250	14.060193
1	17.5		-0.154022	11.619776	0.1084833	9.50496401	9.74425062	10.126433	10.804329	11.619776	12.507080	13.373105	13.924441	14.296547
1	18.5		-0.152762	11.804779	0.1083174	9.65897478	9.90183033	10.289679	10.977526	11.804779	12.704727	13.582901	14.141874	14.519092
1	19.5		-0.154466	11.978966	0.1081939	9.80403910	10.0501868	10.443295	11.140474	11.978966	12.891168	13.781330	14.347953	14.730343
1	20.5		-0.159522	12.144043	0.1081109	9.94164487	10.1908230	10.588811	11.294771	12.144043	13.068254	13.970424	14.544842	14.932558
1	21.5		-0.168179	12.301541	0.1080672	10.0731054	10.3250700	10.727591	11.441847	12.301541	13.237652	14.152009	14.734481	15.127765
1	22.5		-0.180566	12.452830	0.1080620	10.1995748	10.4541018	10.860843	11.582978	12.452830	13.400855	14.327718	14.918606	15.317770
1	23.5		-0.196701	12.599134	0.1080950	10.3220616	10.5789492	10.989634	11.719299	12.599134	13.559196	14.499004	15.098756	15.504178
1	24.5		-0.216501	12.741543	0.1081660	10.4414422	10.7005129	11.114904	11.851816	12.741543	13.713860	14.667157	15.276295	15.688406
1	25.5		-0.239790	12.881022	0.1082747	10.5584730	10.8195753	11.237473	11.981418	12.881022	13.865896	14.833316	15.452424	15.871699
1	26.5		-0.266315	13.018423	0.1084210	10.6738026	10.9368117	11.358058	12.108887	13.018423	14.016229	14.998477	15.628189	16.055141
1	27.5		-0.295754	13.154496	0.1086047	10.7879815	11.0528006	11.477279	12.234906	13.154496	14.165672	15.163512	15.804500	16.239671
1	28.5		-0.327729	13.289896	0.1088256	10.9014734	11.168034	11.595669	12.360071	13.289896	14.314932	15.329171	15.982138	16.426089
1	29.5		-0.361817	13.425194	0.1090834	11.0146639	11.2829255	11.713683	12.484897	13.425194	14.464622	15.496102	16.161768	16.615075
1	30.5		-0.397568	13.560881	0.1093775	11.1278697	11.3978197	11.831704	12.609826	13.560881	14.615269	15.664852	16.343950	16.807195
1	31.5		-0.434520	13.697378	0.1097076	11.2413475	11.5129996	11.950054	12.735234	13.697378	14.767323	15.835883	16.529145	17.002913
1	32.5		-0.472188	13.835046	0.1100730	11.3552982	11.6286924	12.068997	12.861437	13.835046	14.921165	16.009575	16.717730	17.202598
1	33.5		-0.510123	13.974181	0.1104732	11.4698797	11.7450794	12.188748	12.988699	13.974181	15.077109	16.186238	16.910002	17.406538
1	34.5		-0.547885	14.115032	0.1109074	11.5852095	11.8622997	12.309477	13.117231	14.115032	15.235411	16.366119	17.106190	17.614946
1	35.5		-0.585070	14.257796	0.1113747	11.7013714	11.9804564	12.431315	13.247206	14.257796	15.396279	16.549404	17.306461	17.827971

Boy	Agemonth	L	M	S	P3	P5	P10	P25	P50	P75	P90	P95	P97
1	0	4.4278250	35.813668	0.0521725	31.487623	32.148811	33.083894	34.469518	35.813668	37.004261	37.973794	38.51574	38.854172
1	0.5	4.3109274	37.193610	0.0472591	33.250058	33.833915	34.672527	35.939867	37.193610	38.321254	39.249885	39.772615	40.100284
1	1.5	3.8695768	39.207429	0.0409479	35.781262	36.264276	36.973768	38.078776	39.207429	40.249867	41.126050	41.625814	41.941378
1	2.5	3.3055930	40.652331	0.0370277	37.558797	37.979587	38.607244	39.606369	40.652331	41.639679	42.484355	42.971891	43.281807
1	3.5	2.7205902	41.765169	0.0343642	38.899440	39.278930	39.851228	40.777128	41.765169	42.714549	43.539016	44.019844	44.327332
1	4.5	2.1680482	42.661161	0.0324621	39.956733	40.307655	40.841135	41.714833	42.661161	43.583582	44.394715	44.871972	45.178769
1	5.5	1.6754656	43.404887	0.0310647	40.816423	41.147142	41.652905	42.488888	43.404887	44.30801	45.110343	45.585926	45.892997
1	6.5	1.2551603	44.036099	0.0300226	41.531093	41.847415	42.333301	43.142041	44.036099	44.925548	45.722254	46.197358	46.505238
1	7.5	0.9105411	44.580969	0.0292421	42.135207	42.441340	42.913111	43.702454	44.580969	45.461035	46.254428	46.729827	47.038798
1	8.5	0.6395104	45.057612	0.0286604	42.652526	42.951623	43.413647	44.189635	45.057612	45.931658	46.723490	47.199700	47.509896
1	9.5	0.4369788	45.479075	0.0282336	43.100085	43.394578	43.850250	44.617644	45.479075	46.349792	47.141423	47.618795	47.930267
1	10.5	0.2962758	45.855057	0.0279297	43.490490	43.782298	44.234317	44.996935	45.855057	46.724630	47.517138	47.995920	48.308669
1	11.5	0.2101072	46.192954	0.0277251	43.833316	44.123985	44.574535	45.335486	46.192954	47.063181	47.857438	48.337808	48.651811
1	12.5	0.1711470	46.498534	0.0276016	44.135997	44.426793	44.877668	45.639520	46.498534	47.370906	48.167625	48.649719	48.964943
1	13.5	0.1723938	46.776376	0.0275451	44.404412	44.696388	45.149081	45.913976	46.776376	47.652139	48.451914	48.935838	49.252250
1	14.5	0.2073715	47.030175	0.0275443	44.643283	44.937327	45.393097	46.162840	47.030175	47.910378	48.713705	49.199546	49.517118
1	15.5	0.2702261	47.262953	0.0275904	44.856460	45.153328	45.613248	46.389370	47.262953	48.148480	48.955780	49.443615	49.762325
1	16.5	0.3557572	47.477209	0.0276759	45.047117	45.347462	45.812452	46.596264	47.477209	48.368813	49.180445	49.670343	49.990176
1	17.5	0.4594076	47.675038	0.0277951	45.217903	45.522290	45.993146	46.785776	47.675038	48.573358	49.389631	49.881656	50.202606
1	18.5	0.5772276	47.858206	0.0279429	45.371044	45.679970	46.157388	46.959809	47.858206	48.763789	49.584970	50.079185	50.401253
1	19.5	0.7058267	48.028218	0.0281152	45.508434	45.822336	46.306924	47.119985	48.028218	48.941532	49.767856	50.264318	50.587513
1	20.5	0.8423190	48.186368	0.0283087	45.631692	45.950960	46.443254	47.267692	48.186368	49.107814	49.939484	50.438254	50.762588
1	21.5	0.9842668	48.333773	0.0285204	45.742214	46.067194	46.567669	47.404131	48.333773	49.263696	50.100892	50.602026	50.927520
1	22.5	1.1296266	48.471404	0.0287478	45.841211	46.172213	46.681293	47.530345	48.471404	49.410100	50.252983	50.756538	51.083215
1	23.5	1.2766912	48.600112	0.0289890	45.929738	46.267044	46.785105	47.647244	48.600112	49.547837	50.396549	50.902580	51.230467
1	24.5	1.4240848	48.720646	0.0292422	46.008722	46.352586	46.879966	47.755632	48.720646	49.677620	50.532288	51.040848	51.369975
1	25.5	1.5706212	48.833666	0.0295057	46.078982	46.429633	46.966634	47.856214	48.833666	49.800078	50.660816	51.171961	51.502359
1	26.5	1.7153939	48.939760	0.0297783	46.141239	46.498888	47.045783	47.949617	48.939760	49.915775	50.782686	51.296466	51.628169
1	27.5	1.8576529	49.039453	0.0300588	46.196138	46.560976	47.118011	48.036401	49.039453	50.025210	50.898387	51.414854	51.747895
1	28.5	1.9968105	49.133214	0.0303463	46.244254	46.616456	47.183852	48.117065	49.133214	50.128833	51.008360	51.527564	51.861977
1	29.5	2.1324113	49.221464	0.0306400	46.286101	46.665828	47.243786	48.192056	49.221464	50.227050	51.113003	51.634992	51.970811
1	30.5	2.2641110	49.304583	0.0309389	46.322142	46.709542	47.298244	48.261779	49.304583	50.320225	51.212675	51.737493	52.074754
1	31.5	2.3916580	49.382916	0.0312426	46.352796	46.748005	47.347614	48.326598	49.382916	50.408690	51.307698	51.835393	52.174128
1	32.5	2.5148782	49.456775	0.0315505	46.378441	46.781585	47.392250	48.386843	49.456775	50.492745	51.398370	51.928983	52.269227
1	33.5	2.6336612	49.526445	0.0318620	46.399420	46.810614	47.432472	48.442814	49.526445	50.572665	51.484960	52.018532	52.360317
1	34.5	2.7479494	49.592183	0.0321767	46.416045	46.835396	47.468568	48.494785	49.592183	50.648700	51.567713	52.104285	52.447643
1	35.5	2.8577283	49.654229	0.0324942	46.428601	46.856209	47.500807	48.543005	49.654229	50.721080	51.646855	52.186464	52.531426