

## Weight Conversion Chart for Asian Elephants

[http://asesg.org/PDFfiles/2009/Weight Conversion Chart for Asian Elephants.pdf](http://asesg.org/PDFfiles/2009/Weight%20Conversion%20Chart%20for%20Asian%20Elephants.pdf)

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The figures in the following chart have been calculated based on the formula: Weight in kg = 18.0 (Heart Girth in cm) – 3336. Note that this formula provides only an estimate of weight and has an overall average error of  $\pm 8\%$ . The average error may be much higher for younger elephants and this formula should be used cautiously in elephants under 13 years of age. This formula is not accurate for African elephants. It is preferable to obtain scale weights whenever possible.

For further details see: Hile, E.M., Hintz, H.F. and Hollis, N. 1997. Predicting body weight from body measurements in Asian elephants (*Elephas maximus*). *J Zoo Wildl Med* 28(4):424-427

Heart Girth (cm)	Weight (kg)	Heart Girth (cm)	Weight (kg)	Heart Girth (cm)	Weight (kg)
190	84	320	2424	450	4764
195	174	325	2514	455	4854
200	264	330	2604	460	4944
205	354	335	2694	465	5034
210	444	340	2784	470	5124
215	534	345	2874	475	5214
220	624	350	2964	480	5304
225	714	355	3054	485	5394
230	804	360	3144	490	5484
235	894	365	3234	495	5574
240	984	370	3324	500	5664
245	1074	375	3414	505	5754
250	1164	380	3504	510	5844
255	1254	385	3594	515	5934
260	1344	390	3684	520	6024
265	1434	395	3774	525	6114
270	1524	400	3864	530	6204
275	1614	405	3954	535	6294
280	1704	410	4044	540	6384
285	1794	415	4134	545	6474
290	1884	420	4224	550	6564
295	1974	425	4314	560	6744
300	2064	430	4404	565	6834
305	2154	435	4494	570	6924
310	2244	440	4584		
315	2334	445	4674		