

## Weight Chart for Common Objects Version 1.0

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This unofficial resource was created for use with the Marvel Super Heroes Adventure Game™ SAGA Rules. While every effort has been made to make these statistics as accurate as possible, the statistics contained herein are unofficial and represent only one man's opinion on the characters and their capabilities. Although the game is currently out of print, I do encourage you to make every effort to locate and utilize any official materials that you can. For the most part, they are first-rate materials.

I really appreciate any user feedback. If you noticed any errors, or have questions or comments about these statistics, please let me know by sending a clearly labeled (i.e. - won't be mistaken for Spam) e-mail to: [MSHAGLibrarian@wmconnect.com](mailto:MSHAGLibrarian@wmconnect.com).

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For more information and game materials, please see the Marvel Superheroes Yahoo Group (<http://games.groups.yahoo.com/group/mshag/>) or my website (<http://hl.ripway.com/MSHAGLibrary/index.html>).

### Summary & Description:

I did a bit of rounding to the nearest round number, but this should give you a good idea of what stuff weighs. This chart includes some fairly common objects that many heroes will come across during their adventures, as well as some less-common ones. The difficulty to lift the object (under optimal conditions) is listed. Certain things – like an object being wet or slippery – may make lifting an object more difficult. Tossing an object is typically one action level harder than lifting it; i.e. if lifting an object is Average, then throwing it is Challenging.

Weights are averages for a typical example of the object: individual objects of that type may be more or less than the norm. (For example, an average human weighs 150-250 pounds, but people weighing less than 100 pounds or more than 400 pounds are not unusual.) All weights are in the American Imperial system (pounds or tons). The chart below may be used to convert to other systems.

- 1 ton (American “short ton”) = 2,000 pounds
- 1 tonne (metric ton) = 1,000kg (2,205 pounds)
- 1 ton (British “long ton”) = 2,240 pounds

| <b>Item</b>  | <b>Weight</b>   | <b>Strength Action to Lift</b> |
|--|---|--------------------------------|
| 747 Airliner, empty  | 180 tons  | Unfathomable (28)              |
| 747 Airliner, maximum load                                     | 413 tons  | Unfathomable (28)              |
| Aircraft Carrier (Nimitz class)                                | 100,000 tons  | Cosmic (32)                    |
| Benjamin Franklin Bridge (Philadelphia, PA, USA)               | 720,000 tons  | Cosmic (32)                    |
| Brooklyn Bridge (New York, NY, USA)                            | 254,680 tons  | Cosmic (32)                    |
| Bulldozer  | 50 tons   | Superhuman (24)                |
| Bulldozer, Armored   | 60 tons   | Superhuman (24)                |
| Caber (17' pole made of fir)                                   | 90 lbs.   | Average (8)                    |
| Car, Average   | 1.5 tons  | Desperate (20)                 |
| City Bus   | 25 tons   | Superhuman (24)                |
| Couch  | 400 lbs.  | Challenging (12)               |
| Cow / Bull   | 0.75 – 0.9 tons (1,500-1,800 lbs.) / 1.0-1.25 tons (2,000-2,250 lbs.) | Desperate (20)                 |
| Cruiser, Orlando Class   | 5,600 tons  | Unfathomable (28)              |
| Diesel Truck (Semi-Truck), Cab & Trailer, empty                | 16.5 tons   | Superhuman (24)                |
| Diesel Truck (Semi-Truck), Cab & Trailer, fully loaded – 110ft | 65 tons   | Superhuman (24)                |
| Diesel Truck (Semi-Truck), Cab & Trailer, fully loaded – 70ft  | 40 tons   | Superhuman (24)                |
| Diesel Truck (Semi-Truck), Cab only                            | 7.5 tons  | Superhuman (24)                |
| Earth, Planet  | 6,592,950,000,000,000,000,000 tons (6.59295 x 10 <sup>21</sup> tons)  | Impossible (44)                |
| Easter Island, giant head from                                 | 10-40 tons  | Superhuman (24)                |
| Eiffel Tower (Paris, France)                                   | 10,000 tons   | Cosmic (32)                    |
| Elephant   | 5-8 tons  | Superhuman (24)                |
| Empire State Building (New York, NY, USA)                      | 365,000 tons  | Cosmic (32)                    |
| Garbage Truck  | 24 tons   | Superhuman (24)                |
| George Washington Bridge (New York, NY, USA)                   | 600,000 tons  | Cosmic (32)                    |
| Golden Gate Bridge (San Francisco, CA, USA)                    | 894,500 tons  | Cosmic (32)                    |
| Human  | 150-250 lbs.  | Average (8)                    |
| Jet (Fighter)  | 14-20 tons  | Superhuman (24)                |



|  |              |                 |
|--|--------------|-----------------|
| Whale, Blue                            | 150 tons     | Superhuman (24) |
| Whale, Humpback                        | 40 tons      | Superhuman (24) |
| Whale, Orca                            | 6-8 tons     | Superhuman (24) |
| Whale, Sperm (female)                  | 28 tons      | Superhuman (24) |
| Whale, Sperm (male)                    | 55 tons      | Superhuman (24) |
| Woolworth Building (New York, NY, USA) | 223,000 tons | Cosmic (32)     |