WHY BOX SIZE MATTERS?

ACTUAL WEIGHT VS. DIMENSIONAL (DIM) WEIGHT

December 11, 2018



Dimensional (DIM) Weight

Question: Does FedEx charge the same to ship each of the below boxes?



Answer: No. Larger size items fill up trucks faster, therefore, limiting the number of packages that can be loaded on the truck.

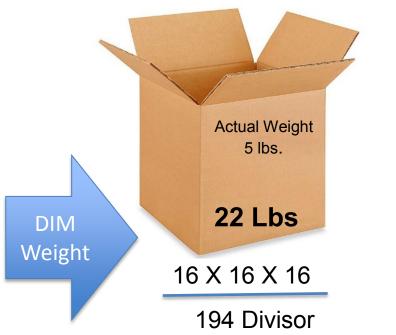
- DIM is an acronym for "Dimensional"
- In 2015 UPS and FedEx started using Dimensional (volumetric) Weight to charge for shipments.
- The formula for DIM weight is (Length X Width X Height) / 194 (Rounded up)
- The price of your shipment is based either on your package's DIM weight or the actual weight of the package, whichever is **greater**. DIM weight can increase costs by up to 61%.



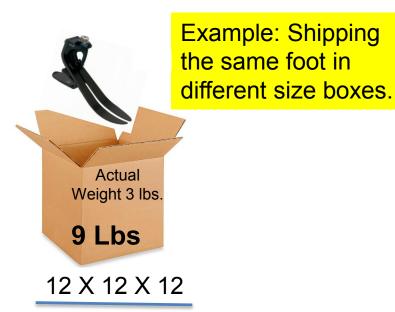
Why size matters?

Since the **DIM** weight is greater than the actual weight of the below shipments, DIM weight is used to

calculate charges.







194 Divisor

The information to the right, demonstrates how using a box 2" larger to ship an item, can increase the cost by 6% - 41%.

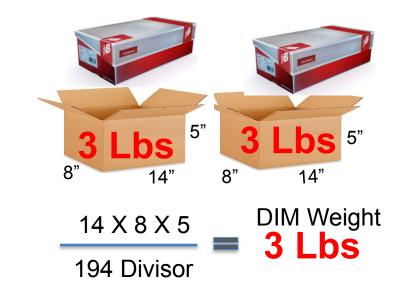


		Increase		Increase		Increase
		Using Next		Using Next	Priority	Using Next
Box Size	Ground	Larger Box	2Day AM	Larger Box	Overnight	Larger Box
12X12X12	\$5.82		\$19.49		\$25.32	
14X14X14	\$6.16	6%	\$27.39	41%	\$34.72	37 %
16X16X16	\$7.31	19%	\$35.49	30%	\$43.95	27 %

Which Costs less?







Scenario – Shipping 2 smaller boxes or 1 larger box from Chicago Warehouse to Jacksonville, FL



			Priority	First
	Ground	2Day AM	Overnight	Overnight
Cost Per Small Box	5.82	12.56	19.08	96.26
2 Small Boxes	11.64	25.12	38.16	192.52
Large Box	5.82	15.24	22.52	108.89
\$ SAVINGS	5.82	9.88	15.64	83.63
% SAVINGS	50%	61%	59%	57%