

Standard Conversion Factors by Weight

Salvage (measured by the units of deconstruction, l.f., each - and by weight)	Inventory unit	Deconstruction			Waste Mass	
		labor hrs/unit	unit	#/each	#/C.Y.	C.Y./#
Windows and Doors						
Single glaze wood window						
equal to and less than 24"x24"	ea	0.5	ea	30	350	0.0029
from 24"x24" to 30"x48"	ea	0.5	ea	40	350	0.0029
from 36"x48" to 36"x60"	ea	0.5	ea	60	350	0.0029
aluminum window	ea	0.5	ea	30	500	0.002
metal window	ea	0.6	ea	50	500	0.002
plate glass 1/4" fixed unit	s.f.	0.04	s.f.		500	0.002
door hardware	ea	0.25	ea	1	500	0.002
wood solid core	ea	0.4	ea	80	350	0.0029
metal insulated door	ea	0.4	ea	45	500	0.002
metal security bars for window	ea	0.25	ea	30	900	0.0011
Sliding patio door 6' length	ea	0.75	ea	80	500	0.002
interior wood hollow-core	ea	0.5	ea	20	300	0.0033
interior wood solid core	ea	0.5	ea	50	300	0.0033
interior bi-fold louvered	ea	0.5	ea	20	300	0.0033
Furnishings and Appliances						
refrigerator	ea	0.3	ea	200	600	0.0017
range/oven - countertop	ea	0.3	ea	100	600	0.0017
dishwasher	ea	0.3	ea	100	600	0.0017
washing machine or dryer	ea	0.3	ea	100	600	0.0017
water heater - 30 gallon	ea	0.5	ea	50	600	0.0017
water heater - 40 gallon	ea	0.5	ea	75	600	0.0017
window air-conditioner	ea	0.5	ea	50	500	0.002
range hood	ea	0.6	ea	25	750	0.0013
microwave oven	ea	0.3	ea	50	500	0.002
freezer	ea	0.3	ea	190	600	0.0017
Mech, Plumb, Elect Fixtures						
2x2 fluorescent fixtures	ea	0.25	ea	15	800	0.0013
2x4 fluorescent fixtures	ea	0.25	ea	25	800	0.0013
ceiling light fixtures	ea	0.25	ea	5	800	0.0013
ceiling fan	ea	0.25	ea	15	800	0.0013
A/C diffuser	ea	0.2	ea	5	800	0.0013
porcelain sink	ea	0.55	ea	20	800	0.0013
steel sink	ea	0.55	ea	10	900	0.0011
toilet	ea	0.55	ea	40	500	0.002
iron bathtub	ea	0.55	ea	300	1500	0.0007
metal tub	ea	0.55	ea	75	900	0.0011
fiberglass tub with shower enclosure	ea	0.75	ea	80	135	0.0074
shower stall - plastic	ea	0.75	ea	75	135	0.0074
Casework						
1x 6 trim	l.f.	0.05	l.f.		323	0.0031
base cabinet	l.f.	0.2	l.f.		350	0.0029
wall cabinet	l.f.	0.2	l.f.		350	0.0029
vanity with sink	l.f.	0.2	l.f.		350	0.0029
mantlepiece	l.f.	0.05	l.f.		350	0.0029
railing with balusters	l.f.	0.1	l.f.		350	0.0029

Standard Conversion Factors by Weight

Salvage (measured by the units of deconstruction, l.f., each - and by weight)	Inventory	Deconstruction			Waste Mass	
		labor hrs/unit	unit	#/each	#/C.Y.	C.Y./#
Roofs						
Finish						
asphalt shingles	s.f.	0.03	s.f.		425	0.0024
tin roof	s.f.	0.004	s.f.		1000	0.001
copper roof	s.f.	0.004	s.f.		1000	0.001
metal roof	s.f.	0.004	s.f.		1000	0.001
wood shakes	s.f.	0.02	s.f.		250	0.004
built-up roof w/ gravel	s.f.	0.04	s.f.		2000	0.0005
4-ply felt with gravel	s.f.	0.05	s.f.		2000	0.0005
cement roof tile	s.f.	0.04	s.f.		1500	0.0007
clay tile	s.f.	0.04	s.f.		1500	0.0007
clay tile with mortar bed	s.f.	0.05	s.f.		1500	0.0007
1x6 fascia board, rake	l.f.	0.016	l.f.		300	0.0033
metal gutters	l.f.	0.014	l.f.		900	0.0011
KEY						
# = pounds						
l.f. = linear feet						
s.f. = square feet						
b.f. = board feet = 12"x12"x1"						
v.l.f. = vertical linear feet						
c.f. = cubic feet = 12"x12"x12" = 144 cubic inches						
C.Y. = cubic yards = 3'x3'x3' = 27 c.f.						
CMU = concrete masonry unit = 8"x8"x16"						
demo = demolition						
labor hrs/unit = hand labor except indicated in red						
for machine labor						
In-Place and Salvage Mass = actual mass						
Recycle/Waste Mass = broken mass in container						