

Tree Benefit Estimates

Abbr.	Benefit Description	Value (USD)	±SE	Amount	±SE
CO	Carbon Monoxide removed annually	5.21 USD	±0.36	7.84 lb	±0.54
NO2	Nitrogen Dioxide removed annually	16.15 USD	±1.12	70.21 lb	±4.87
O3	Ozone removed annually	586.19 USD	±40.63	394.42 lb	±27.34
PM2.5	Particulate Matter less than 2.5 microns removed annually	1,096.71 USD	±76.01	16.20 lb	±1.12
SO2	Sulfur Dioxide removed annually	1.14 USD	±0.08	15.59 lb	±1.08
PM10*	Particulate Matter greater than 2.5 microns and less than 10 microns removed annually	639.54 USD	±44.33	204.77 lb	±14.19
CO2seq	Carbon Dioxide sequestered annually in trees	1,528.61 USD	±105.95	43.36 T	±3.01
CO2stor	Carbon Dioxide stored in trees (Note: this benefit is not an annual rate)	39,983.13 USD	±2,771.24	1,134.10 T	±78.60

i-Tree Canopy Annual Tree Benefit Estimates based on these values in lbs/acre/yr and USD/T/yr: CO 0.869 @ 1,333.50 USD | NO2 7.782 @ 461.59 USD | O3 43.715 @ 2,982.94 USD | PM2.5 1.795 @ 135,901.00 USD | SO2 1.728 @ 146.44 USD | PM10 22.696 @ 6,268.44 USD | CO2seq 9,611.214 @ 35.38 USD | CO2stor is a total biomass amount of 251,395.359 @ 35.38 USD*

Note: Currency is in USD

Note: Standard errors of removal amounts and benefits were calculated based on standard errors of sampled and classified points.