

Value of the Neighborhood Trees Surveyed

Northern Staten Island - Community Board 1

The total value of the 212 trees on Staten Island was \$975,969.00 (all = \$1,038,458.00) with a mean value of \$4,603.63 (all = \$3,225.03). The total amount of carbon sequestration* conducted by the 212 trees on Staten Island is 4,005.14 kg/year with a mean value of 18.89 kg/year. Table describes the 5 most valuable trees on Staten Island.

Common Name	Scientific Name	Age (yrs)	Tree Condition	Compensatory Value (\$)	Carbon Sequestration (kg/year)*
Tuliptree	<i>Liriodendron tulipifera</i>	214	Excellent	23069.00	62.26
London Plane	<i>Platanus x acerifolia</i>	200	Good	22109.00	13.87
Pin Oak	<i>Quercus palustris</i>	125	Good	18156.00	48.95
European beech	<i>Fagus sylvatica</i>	234	Good	17207.00	50.98
Tuliptree	<i>Liriodendron tulipifera</i>	126	Excellent	17053.00	43.88

*carbon sequestration = carbon capture, separation, and storage or reuse.
 Source: TreesNY and CENYC, Citizen Pruners, and USDA Forest Service, Northeastern Research Station, 2002



Legend

Neighborhood Trees
Value in US dollars

- \$0-2,000
- \$2,000-5,000
- \$5,000-8,000
- \$8,000-11,000
- \$11,000-23,069

Buildings