

Brooklyn Street Tree Inventory 2013

About the Inventory

Volunteers and Portland Parks & Recreation Urban Forestry staff inventoried all street trees within the Brooklyn neighborhood in 2013. Street trees are trees planted in the city right-of-way, usually the planting strip between the curb and sidewalk. It took 26 volunteers 220 hours to collect data on the neighborhood's 1,918 street trees. Data collected included tree type (species or genus), tree condition, tree size (diameter at breast height, 4.5 feet above the ground), planting strip width, and presence of overhead high voltage wires. The data are being used to inform the creation of a Neighborhood Tree Plan to guide the Brooklyn community in caring for their trees.

Inventory Findings

- The street tree population consists of 1,918 trees of 74 types.
- Broadleaf deciduous trees account for 97.2% of all street trees.
- Thirty-four percent of all trees are less than 6" diameter at breast height (DBH), and 18% are larger than 18" DBH.
- For tree condition, nearly two-thirds (65.1%) of trees rate good, 28.5% rate fair, 6.0% rate poor, and 0.4% are dead.
- Street trees are found in 97.5% improved rights-of-way sites and 2.5% unimproved rights-of-way.
- 57% of all street tree planting spaces are currently stocked with trees.
- 850 empty spaces are available for street tree planting in residential areas.
- The replacement cost of the street tree population is valued at \$7,143,822.
- Brooklyn's street trees provide \$191,891 annually in environmental services and aesthetic benefits.

Trees by Size

Diameter at Breast Height (4.5 feet) in inches:

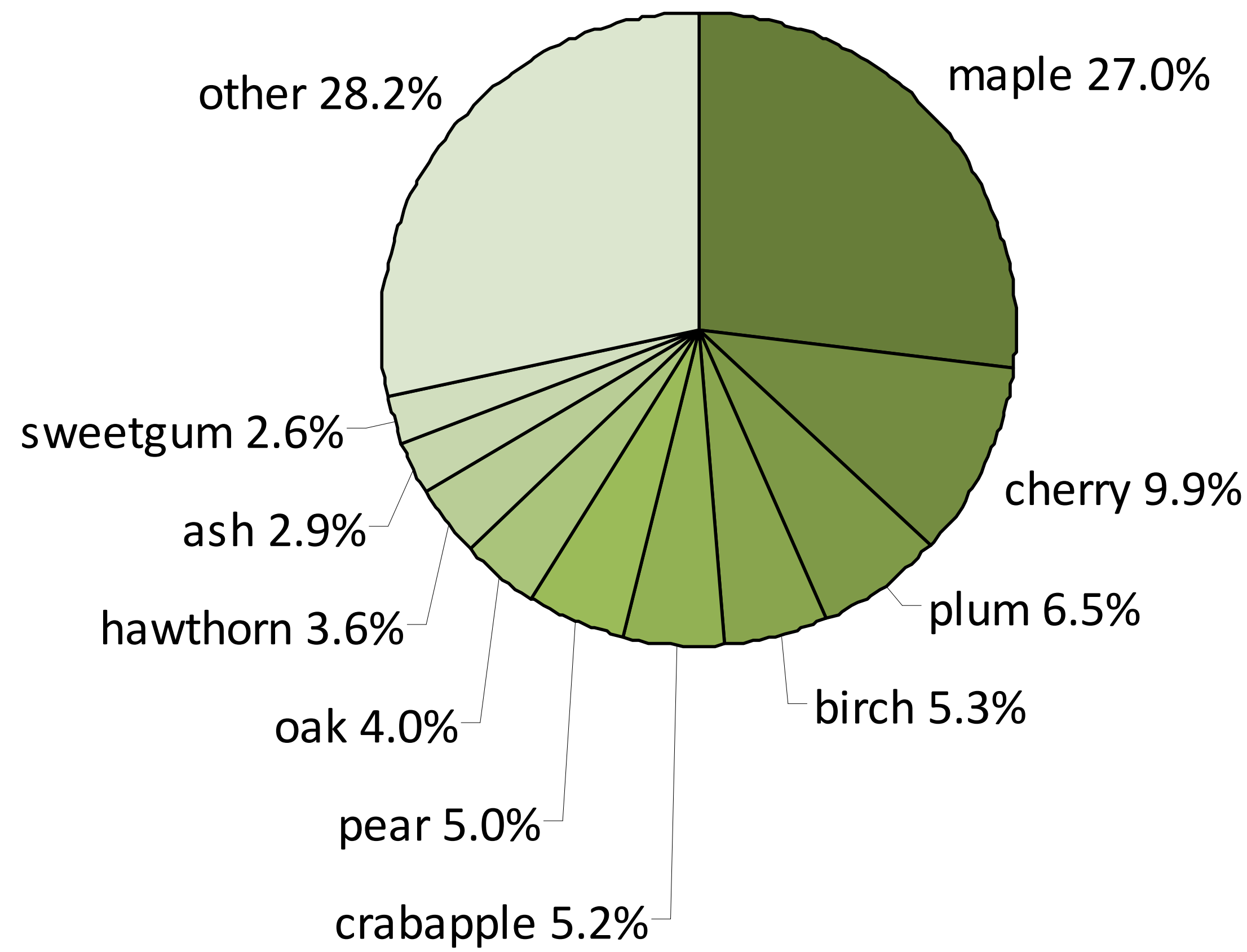
- 0.0 - 6.0
- 6.1 - 12.0
- 12.1 - 24.0
- 24.1 - 36.0
- 36.1 - 48.0
- 48.1 - 55.5

Species Codes

Species Code	Scientific	Common
AC	Acer spp.	maple
ACGR	Acer griseum	maple, paperbark
ACMA	Acer macrophyllum	maple, bigleaf
ACNE	Acer negundo	maple, Norway
ACPA	Acer palmatum	maple, Japanese
ACPL	Acer platanoides	maple, Norway
ACRU	Acer rubrum	maple, red
ACSA	Acer saccharinum	maple, silver
AE	Aesculus spp.	horsechestnut
ALAL	Alatanthus altissima	tree of heaven
AL	Alnus spp.	alder
ALJU	Alnus juffeissonii	minnesota tree
AM	Ameiandier spp.	serviceberry
ASTR	Asimina triloba	paw paw
BE	Betula spp.	birch
CA	Carinus spp.	hornbeam
CADE	Calocedrus decurrens	incense cedar
CB	Cryptomeria spp.	cryptomeria
CE	Cedrus spp.	cedar
CEC	Cercis canadensis	hoopla
CEJA	Cercidiphyllum japonicum	katsura
CEOC	Cercis occidentalis	hackberry
CH	Chamaecyparis spp.	cypress
CL	Ceanothus spp.	ceanothus
CO	Cornus spp.	dogwood
CP	Catalpa spp.	catalpa
CR	Crotonus spp.	hawthorn
CT	Cotinus spp.	smoketree
CULA	Cunninghamia lanceolata	China fir
CY	Corylus spp.	hazelnut
CC	Ceanothus	ceanothus
DIVI	Diospyros spp.	persimmon
EL	Elaeagnus	oleaster
EU	Eucalyptus spp.	eucalyptus
FA	Fagus spp.	beech
FI	Ficus spp.	fig
FR	Fraxinus spp.	ash
GIBI	Ginkgo biloba	ginkgo
GLTR	Gleditsia triacanthos	honey locust
JU	Juglans spp.	walnut
KOPA	Koeleruteria paniculata	golden rain tree
LAAN	Laburnum anagyroides	golden chain tree
LAIN	Lagerstrœmia indica	craps myrtle
LIST	Liquidambar styraciflua	sweetgum
LITU	Liriodendron tulipifera	tulip poplar
MA	Malus spp.	crabapple
MAMM	Malus amurensis	amur maackia
MAAP	Malus domestica	apple
MG	Magnolia spp.	magnolia
MGR	Magnolia grandiflora	magnolia, southern
MO	Morus spp.	mulberry
NYSY	Nyssa sylvatica	black locust
PAPR	Parrotia persica	persian ironwood
PATO	Paulownia tomentosa	empress tree
PC	Picea spp.	spruce
PI	Pinus spp.	pine
PO	Populus spp.	poplar
PR	Prunus spp.	Prunus, other
PRCH	Prunus spp.	cherry
PRPE	Prunus persica	peach
PRPL	Prunus spp.	plum
PSME	Pseudotsuga menziesii	douglas-fir
QU	Quercus spp.	oak
RIBUPL	Ribes purshianum	cascara
ROPS	Robinia pseudoacacia	black locust
SA	Salix spp.	willow
SO	Sorbus spp.	mountain ash
ST	Stewartia pseudocamellia	stewartia
STIA	Syrinx spp.	snowbell
SY	Syringia reticulata	lilac tree
THAR	Thuja arborescens	arbovitae
THPL	Thuja plicata	western redcedar
TI	Tilia spp.	linden
UL	Ulmus spp.	elm
ZESE	Zelkova serotina	zellova



Most Common Trees

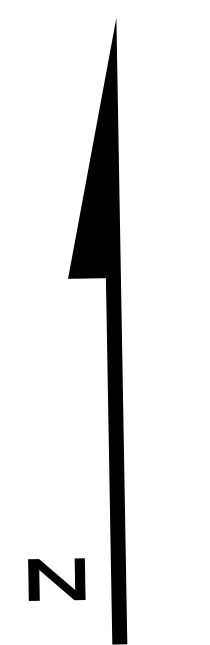


Special thanks to the volunteers who participated in the Brooklyn Street Tree Inventory:

Data Collection Volunteers: Betsy Breyer, Charles Brock, Casey Cunningham, Bianca Dolan, Desirea Dakanno, Josie Flores, Fiona Gladstone, Cynthia Glidden, Lee Greer, Annie Gullion, Lee Kamrass, Sandy Koizumi, Natasha Lipai, Jim Lodwick, Milton Lockwood, Louis Miles, Mat Millenbach, Mary Mooney, Jocelyn Mueller, Catherine Mushel, Paige Schlupp, Ryan Sipe, Don Stephens, Debbie Stoller, Jay Watkins, Jill Williams, and Lea Wilson
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 Map created by Jeremy Grobto

Note: Due to the limitations of the map scale, some species codes are not displayed. To view the inventoried trees interactively, visit www.portlandoregon.gov/parks/treetinventory.

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500

Feet