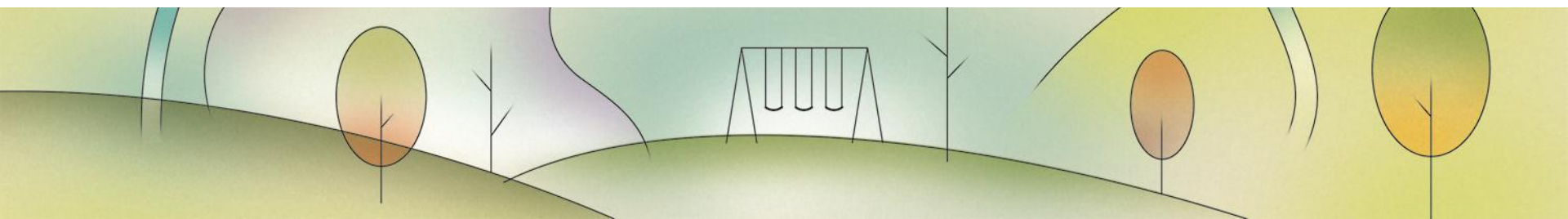




The Economic Benefits of Cleveland Metroparks

OCTOBER 31, 2013

THE
TRUST
for
PUBLIC
LAND



The Trust for Public Land's Experience

We have a wealth of experience measuring the economic benefits of land conservation.

Selected publications:

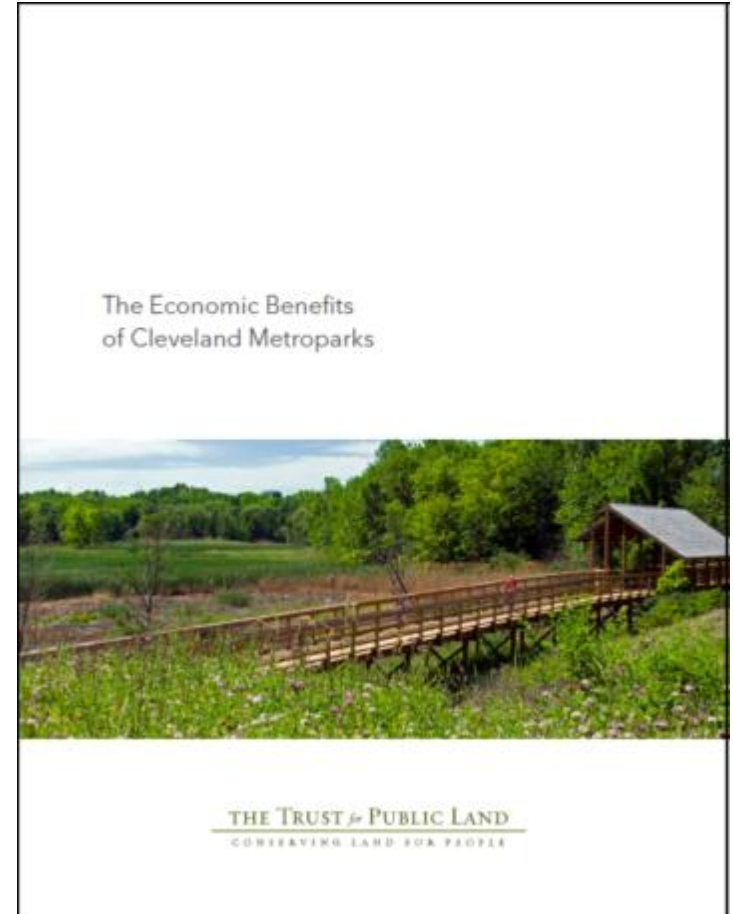
- Return on Investment in Parks and Open Space in Massachusetts (2013)
- The Economic Benefits of Clean Ohio Fund Conservation (2013)
- Pennsylvania's Return on Investment in the Keystone Recreation, Park and Conservation Fund (2013)
- Our Lands – Our Future: Larimer County, Colorado (2013)



Local Economic Benefits

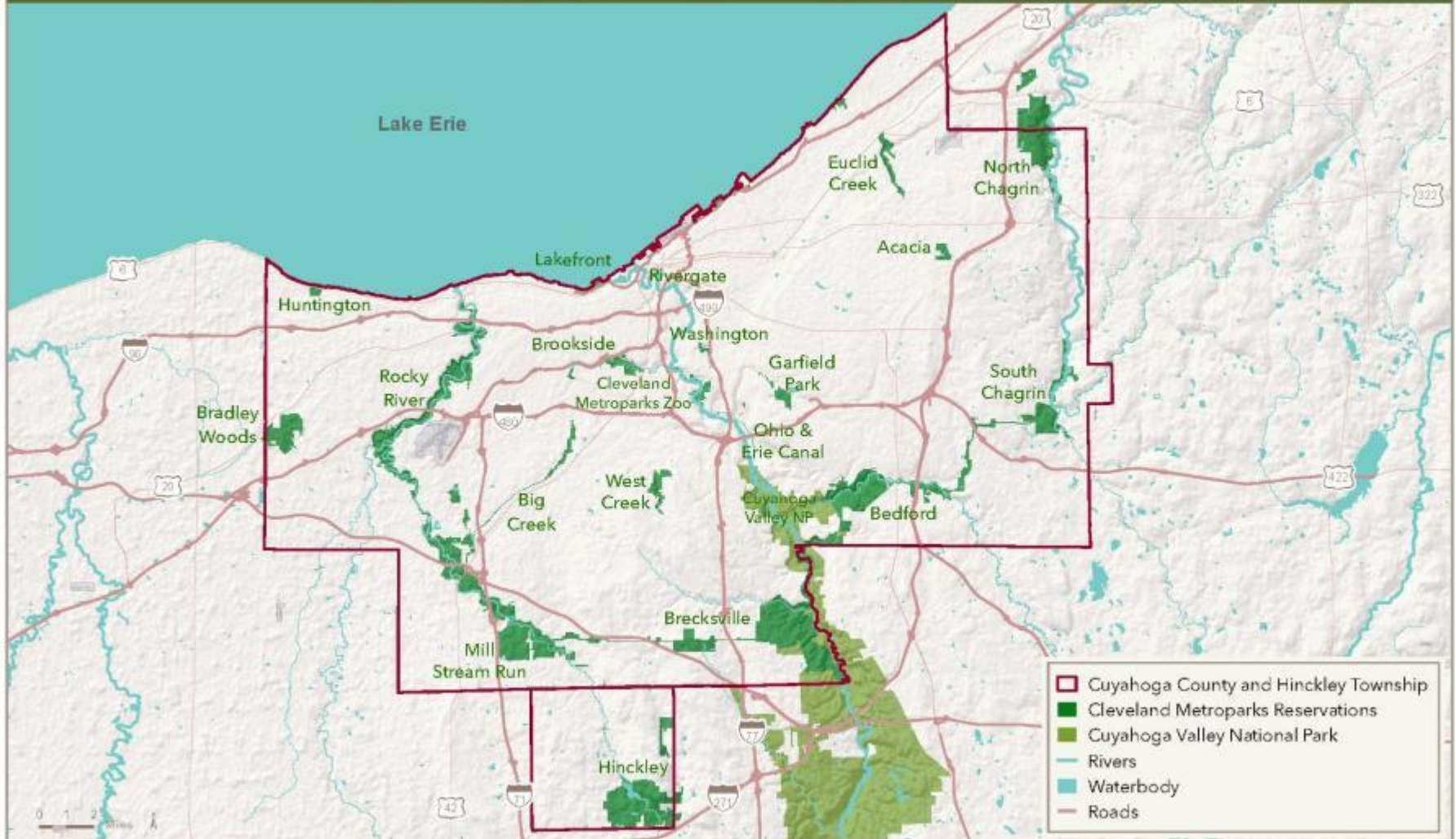
Benefits accrue to

- Local government(s)
- Residents
- Local businesses



CLEVELAND METROPARKS

CUYAHOGA COUNTY AND HINCKLEY TOWNSHIP



THE TRUST *for* PUBLIC LAND

CONSERVING LAND FOR PEOPLE



Enhanced Property Value

Preserving open space generally increases neighboring home values, but the size of the impact varies.

- The magnitude of the impact has been shown to be up to 20% for parks and 14% for trails

An increase in property values generally results in increased property tax revenues.



Enhanced Property Value – Cleveland Metroparks

Market value premium

- Parks 5%
- Trails 2%

Marginal increase in market value

- Parks \$114 million
- Trails \$9.65 million

Additional property tax revenue annually

- Parks \$2.87 million
- Trails \$226,000

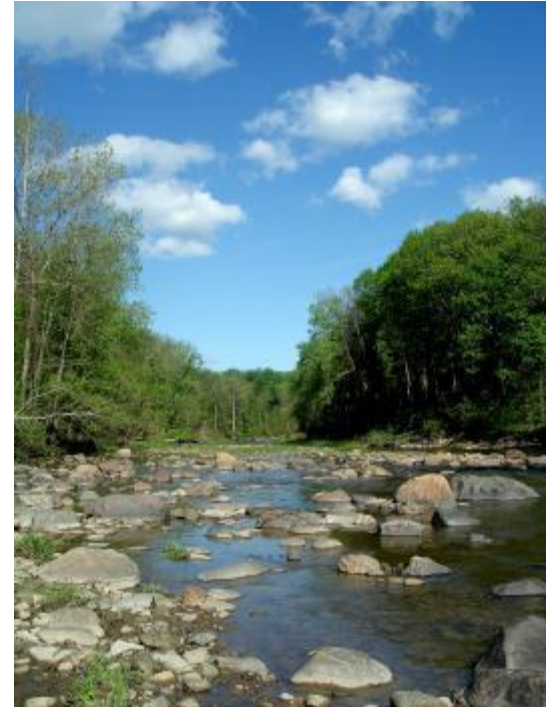


Rocky River Reservation

Stormwater – Cleveland Metroparks

Parks and trails can reduce the costs of stormwater management by capturing precipitation and/or slowing its runoff.

- Runoff reduction from parks 427 million cubic feet
- Cost of treatment per cubic foot \$0.01
- \$5.12 million in management cost savings



Air Pollution – Cleveland Metroparks

Vegetation on parks and trails removes air pollutants and improve air quality. Cleveland Metroparks removes tons of air pollutants annually:

- Carbon monoxide – 39.4
- Nitrogen dioxide – 227
- Ozone – 571
- Particulate matter – 720
- Sulfur dioxide – 215



\$14.4 million in reduced air pollution costs

Tourism – Cleveland Metroparks

Parks and trails attract non-residents to the area and these visitors spend money in local communities.

Cuyahoga County

- \$733 million in visitor spending due to parks and trails
- \$50.4 million in state and local tax revenue

Cuyahoga Valley National Park

- \$37.2 million in visitor spending
- \$2.89 million in state and local tax revenue



Direct Use – Cleveland Metroparks

Most residents visit Cleveland Metroparks at least once a year

- 84% children
- 76% adults 18-64
- 58% adults 65+

14.5 million visits annually

- General use: \$2-\$9
- Specialized: \$10-\$40
- Sixth visit isn't as valuable as first

Value of park use:
\$40.4 million



Improved Health – Cleveland Metroparks

When people have access to trails and parks they exercise more.

Exercise reduces illness in people of all ages.

- Medical cost savings \$344-\$688

Adults active in parks and trails

- 15% adults 18-64
- 16% adults 65+

\$59.5 million in health care cost savings



Conclusion

Cleveland Metroparks generates **over \$855 million** in benefits annually

This does not include:

- Increased home market value
- Tax revenues from tourist spending
- High quality of life





Report available at:
www.clevelandmetroparks.com

or

www.tpl.org/clevelandeconbenefits

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