




Eastern Brook Trout JOINT VENTURE

A Fish Habitat Partnership

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Outline

- Range-Wide Status Assessments of Wild Brook Trout
- Roadmap to Wild Brook Trout Conservation
- Wild Brook Trout Conservation Projects

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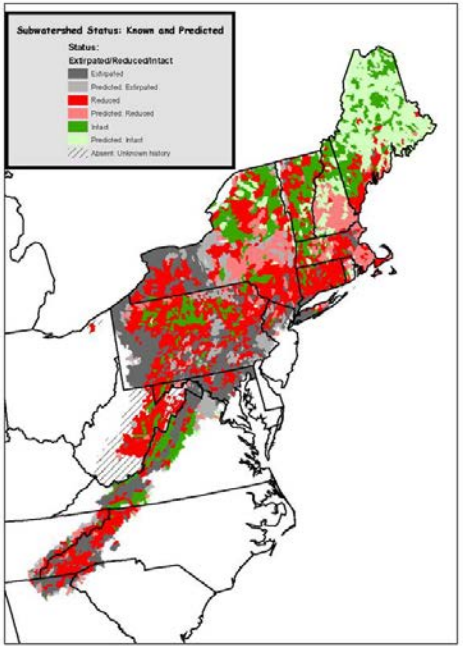
Range-wide Assessment of Wild Brook Trout Status at the Subwatershed Scale



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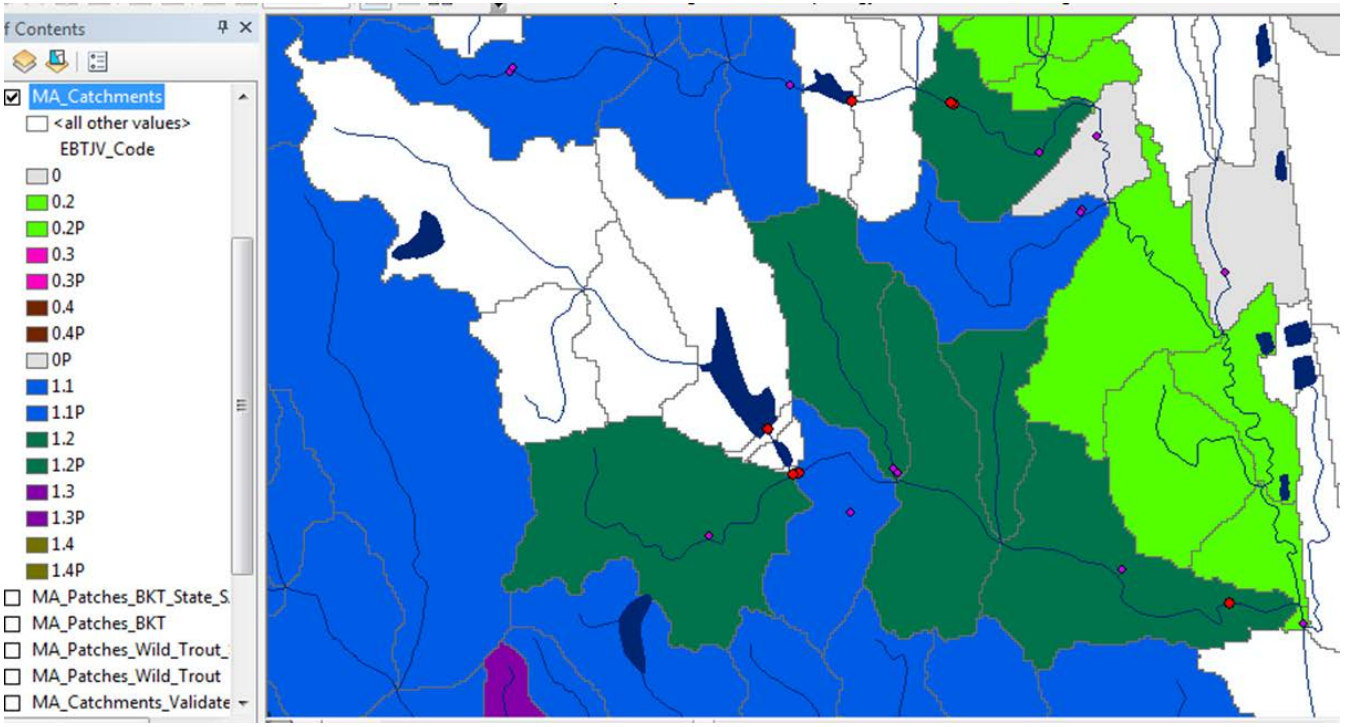
Range-wide Assessment of Wild Brook Trout Status at the Catchment Scale



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Range-wide Assessment of Wild Brook Trout Status at the Catchment Scale

Number of Catchments Assessed	**271,949**
Area (km^2) of Catchments Assessed	**628,530**

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Catchment Classification

Wild Trout Present	Classification Code
None	0.0
Brown Trout	0.2
Rainbow Trout	0.3
Brown Trout & Rainbow Trout	0.4
Brook Trout	1.1
Brook Trout & Brown Trout	1.2
Brook Trout & Rainbow Trout	1.3
Brook Trout, Brown Trout, & Rainbow Trout	1.4

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Wild Brook Trout Catchment Metrics

Catchment Classification Code	Number of Catchments	Area (km^2) of the Catchments
1.1	41,070	128,834
1.2	13,099	37,279
1.3	1,688	5,173
1.4	5,291	14,350
Totals	**61,148**	**185,636**

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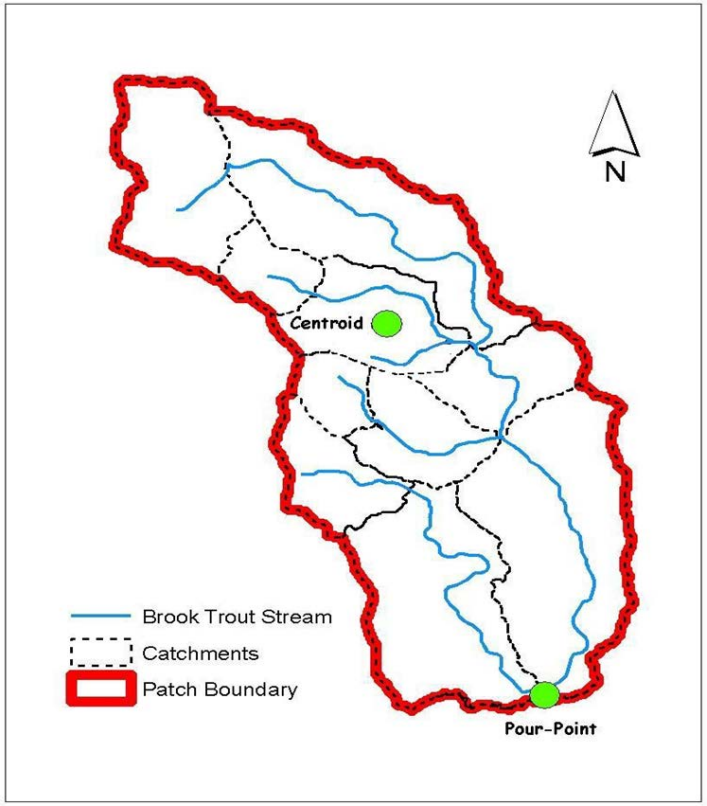
Wild Brook Trout Patches



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Wild Brook Trout Patch Metrics

Patch Classification Code	Number of Patches	Area (km^2) of the Patches
1.1	6,022	108,528
1.2	2,210	45,575
1.3	370	6,049
1.4	1,258	30,321
Totals	**9,860**	**190,473**

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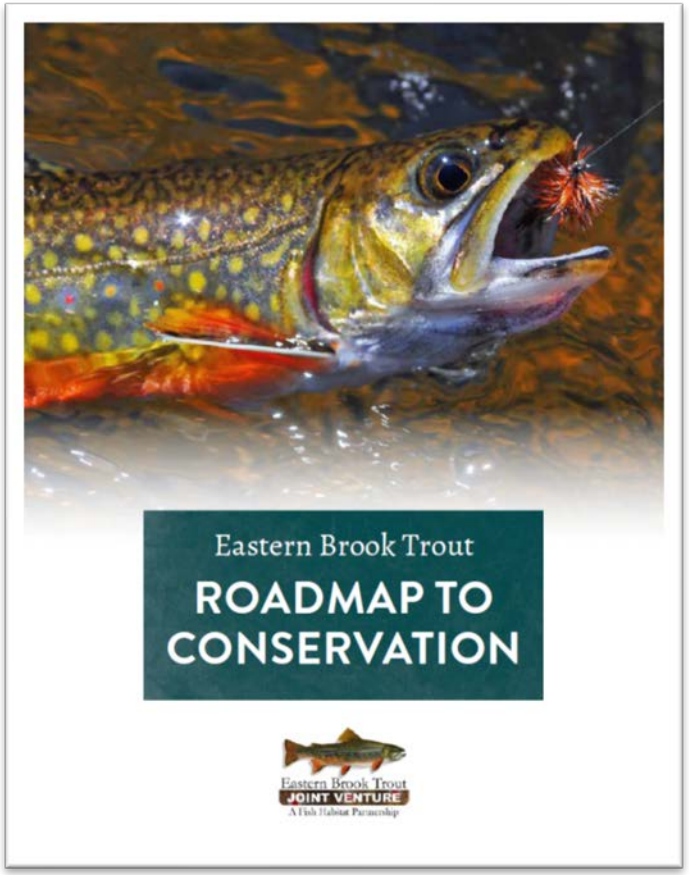

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EBTJV Conservation Goals

- Conserve, enhance or restore wild Brook Trout populations…
- Encourage partnerships among management agencies and stakeholders…
- Develop and implement outreach and educational programs…
- Develop support for program implementation…

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Conservation Scales

- **Range-wide**: Conservation goals and habitat objectives are established at this scale in an effort to guide activities at the State scale.
- **State**: States identify focal watersheds and determine the conservation actions that will contribute best to meeting range-wide habitat objectives.
- **Local**: Local partners implement wild Brook Trout conservation projects that are congruent with the range-wide habitat objectives and input provided by their respective State.

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Range-wide Habitat Goals & Objectives

Goal: Maintain the current number of wild Brook Trout patches (no net loss).

Objective: Retain at least 6,022 allopatric and 3,838 sympatric wild Brook Trout patches across the EBTJV geographic range by 2022.

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Range-wide Habitat Goals & Objectives

Goal: Increase the average size of wild Brook Trout patches, which is currently 19 km^2.

Objective: Increase the size (km^2) of 30 wild Brook Trout patches by 2022.

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Range-wide Habitat Goals & Objectives

Goal: Increase connectivity within and among wild Brook Trout catchments.

Objective: Complete Aquatic Organism Passage projects within 45 wild Brook Trout catchments by 2022.

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Range-wide Habitat Goals & Objectives

Goal: Restore wild Brook Trout to catchments where they are extirpated.

Objective: Establish wild Brook Trout in 15 extirpated catchments by 2022.

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Key Conservation Actions

- Increase recreational fishing opportunities….
- Conserve and expand habitats…
- Restore and reconnect suitable habitats…
- Conserve genetic diversity…
- Conserve unique wild Brook Trout life history strategies…
- Minimize threats to wild Brook Trout populations…

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Wild Brook Trout Conservation Projects (2006-2018)

Number of FWS-NFHAP Funded Projects (2006-2018)	**88**
Number of Project Partners	**241**

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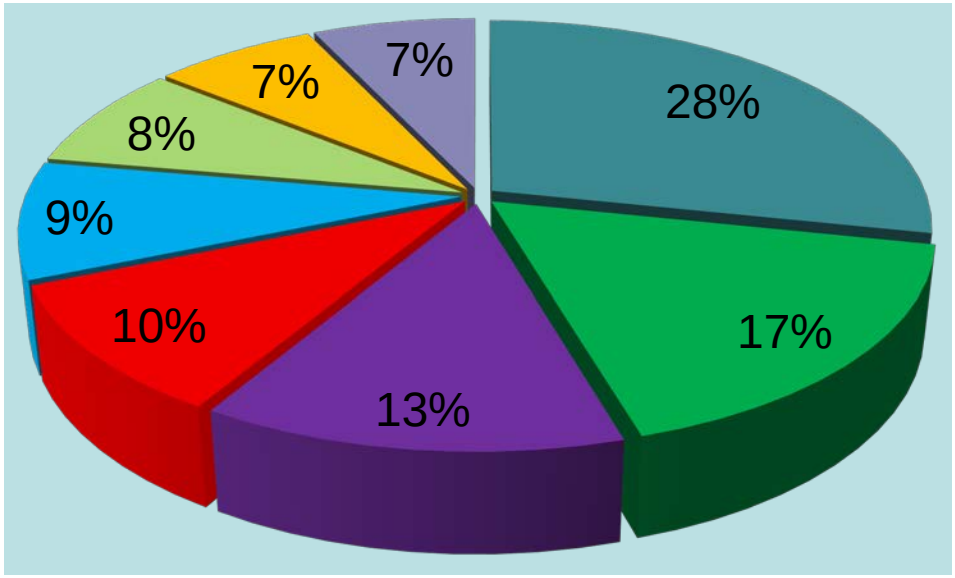
Project Partners



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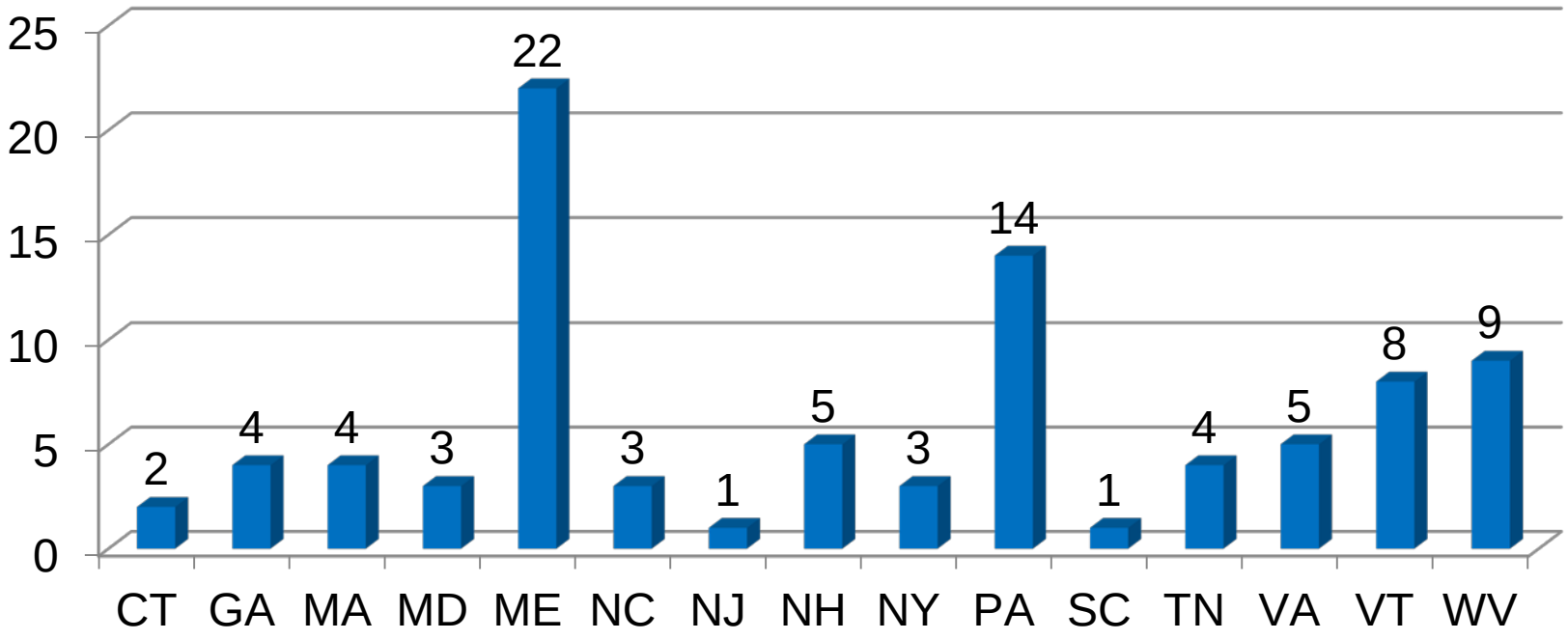
Number of Projects by State



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Project Funding

Funding Source	Funding Amount
FWS-NFHP Funds	$ 3,343,756
Project Partner Contributions	$17,548,846
Total Costs	**$20,892,602**
Average Cost/Project	**$ 237,416**

Ratio of Project Partner Contribution to FWS-NFHAP Fund = 5.2 to 1

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Project Outcomes

In-Stream Habitat Enhanced	**240 miles**
Lentic Habitat Enhanced	**157 acres**
Riparian Habitat Enhanced/Restored	**357 acres**
Fish Barriers Removed	**103**
Amount of Stream Habitat Re-Opened	**321 miles**

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Socioeconomic Benefit Provided by Projects

$317.2 million

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Questions?

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