National Park Service
U.S. Department of the Interior

Alternative Transportation Program
Washington Office

# CMAQ and NPS: Exploring the Applicability of the Congestion Mitigation and Air Quality Improvement Program to NPS Transit

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# Definitions

The following terms are used in this report:

| | |
|---|---|
| CMAQ | Congestion Mitigation and Air Quality Improvement Program |
| CO | Carbon monoxide |
| DOT | Department of Transportation |
| FHWA | Federal Highway Administration |
| FTA | Federal Transit Administration |
| MAP-21 | Moving Ahead for Progress in the 21st Century |
| MPO | Metropolitan Planning Organization |
| NPS | National Park Service |
| O3 | Ozone |
| PM | Particulate matter |
| RPO | Regional Planning Organization |
| TIP | Transportation Improvement Plan |

## Introduction

The Congestion Mitigation and Air Quality Improvement (CMAQ) program is a potential funding source for NPS transit systems. NPS transit managers seeking funding to support or expand transit service may consider working with State, regional and local partners to identify opportunities to suggest projects for CMAQ funding.

Recent changes in dedicated funding for NPS transit systems (e.g., the discontinuation of the Paul S. Sarbanes Transit in Parks program) have increased the importance of partner funding sources. The CMAQ program is a potential fit for NPS park units because of its dual focus on air quality and congestion, mirroring the NPS missions of protecting resources and providing access. Appendix A provides two examples of NPS transit systems already benefiting from CMAQ.

This bulletin details the CMAQ program, project eligibility requirements, and how NPS staff can engage with State, regional, and local partners to apply for CMAQ funding.

**Key Findings:**

- The CMAQ program is an important funding source to consider for NPS transit funding
- CMAQ funds are coordinated through States and MPOs, therefore projects must be listed in TIPs and/or STIPs
- Engage and collaborate with local, regional and State partners to identify opportunities and suggest projects
- Demonstrate and communicate economic and environmental benefits of NPS transit systems to build support

## About CMAQ

Jointly administered by FHWA and FTA, CMAQ has been an important funding source for highway and transit projects that reduce congestion and EPA-regulated air pollutants since the early 1990s. According to FHWA's CMAQ Guidance, MAP-21 authorizes over $2.2 billion in CMAQ funding in both fiscal year 2013 and 2014. The CMAQ program is a flexible funding source that typically provides 80 percent of project costs.

CMAQ Funding is allocated to State DOTs and metropolitan planning organizations (MPOs) based on population and pollution levels in ozone (O3), particulate matter ($PM_{10}$ and $PM_{2.5}$), and carbon monoxide (CO) nonattainment or maintenance areas designated by the EPA. Appendix B lists park units located in nonattainment and/or maintenance areas. All states receive a minimum amount of funding even if a nonattainment or maintenance area is not located within the State.

### Coordinate with Local, Regional, and State Partners

In urban areas projects must be included in the MPO's transportation improvement plans (TIPs) or for rural areas, the Statewide TIP. CMAQ project selection is at the discretion of the State DOTs and MPOs. However, Federal rules require analysis of project costs and benefits and many MPOs and State DOTs have periodic calls for projects with competitive selection criteria. Therefore, it is important for park units to learn about and engage in regional and statewide planning processes so they can be prepared to submit competitive proposals. Park unit staff may consider attending MPO or Statewide transit planning meetings to begin learning local CMAQ procedures and to identify potential partners. See the FHWA database of CMAQ-funded projects for examples of past CMAQ-funded projects in your area.

### Eligible Project Types

According to the FHWA's Public Transportation CMAQ Guidance, there are four types of transit projects eligible for CMAQ funding:

1. **New Transit Service**
   CMAQ funds may be used to support startup of new transit services such as new a shuttle or ferry service linking activity centers. Funds may be used to cover planning, project development, initial capital costs, and to assist with operating costs during the first five years of service.

2. **System or Service Expansion**
   Expansions that will generate additional ridership may be eligible for CMAQ funds because a shift to transit reduces emissions and congestion.

3. **New Vehicles**
   New transit vehicles may be purchased with CMAQ funds. The vehicles can be used for fleet expansion or to replace current vehicles. A variety of transit vehicle types are eligible, including alternative fuel vehicles.

4. **Fare Subsidies**
   CMAQ funds can support innovative fare reduction and financial incentive strategies in particular situations. For example, reduced fares may be offered as part of an area-wide strategy for reducing emissions during peak periods of ozone pollution. However, because NPS transit systems do not tend to charge fares, this project type may not be applicable to NPS.

## Conclusion

The CMAQ program is well-aligned with the NPS missions of protecting resources and providing public access to valuable natural and cultural areas. CMAQ can be a viable transit funding opportunity for many NPS transit systems, particularly those located in air quality nonattainment areas. However, participation in regional and statewide transportation planning process is essential for park units considering pursuing CMAQ funds. In many cases, park units may not be able to submit project proposals directly, and will need to work with partners to participate in the CMAQ process. Park units should actively engage with local and regional stakeholders to build support for specific projects, and work to communicate quantifiable emissions and congestion reduction estimates to develop competitive applications.

## Resources

NPS Alternative Transportation Program

NPS National Transit Inventory, 2012

NPS Air Resources Division *Methods for Determining Air Quality Conditions and Trends for Park Planning and Assessments*

FHWA CMAQ and Public Transportation Guidance

*Innovative Transportation Planning Partnerships to Enhance National Parks and Gateway Communities* (Transportation Research Board 2009)

# Appendix A -- NPS Examples

### Acadia National Park Island Explorer Shuttle Bus System

Through strong and cooperative regional partnerships, Acadia National Park was able to implement and sustain the Island Explorer transit. Started in 1999, it continues today as a popular transit service for the region. The 17+ vehicle fleet runs seven routes and links various hotels and campgrounds in the area to park unit attractions and the Bar Harbor Airport. From the beginning, Acadia worked with partners to find diverse financial support for the transit system.

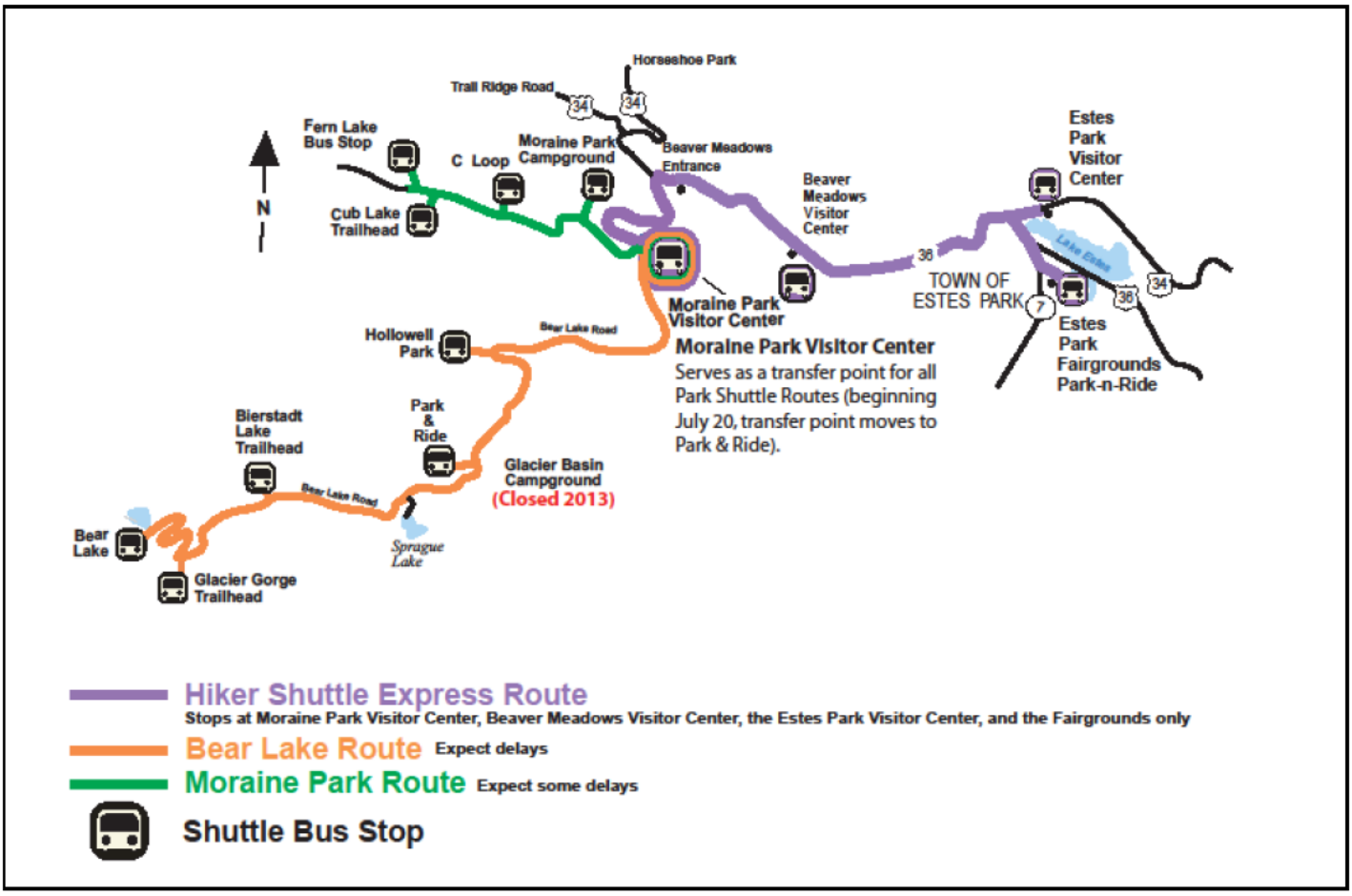
With the support of the Mount Desert Island League of Towns, the Island Explorer Shuttle Bus system was presented to Maine DOT. Maine DOT approved the project and Island Explorer received CMAQ funding. Acadia National Park along with several of their partners provided the 20 percent local match. Through local, regional, and state transportation partnerships Acadia National Park took advantage of unconventional transit system funding options resulting in benefits for the entire community. A 2001 study conducted in the service's third year calculated that more than 200,000 visitors rode the buses, keeping approximately 88,000 vehicles off the park and MDI roads, resulting in a 33 percent reduction in carbon monoxide emissions. Furthermore, a 2012 Maine DOT grant analysis found that between 1999 and 2009 the Island Explorer carried nearly 3 million passengers and reduced traffic on park and local roads by over 1 million vehicles.

**Figure 1**
**Island Explorer bus at Acadia National Park**
Source: National Park Service Media Library

### Rocky Mountain National Park & Estes Park Transit System

In collaboration with NPS, the town of Estes Park received CMAQ funding to help improve the Estes Park Transit Facility and Parking Structure. This transit hub serves as a stop for the Rocky Mountain National Park Hiker Shuttle. The project received a total of $329,000 in CMAQ funding from the local MPO and Colorado DOT to expand the number of parking spaces available at the transit facility. NPS did not directly receive CMAQ funds; this effort highlights the importance of Federal, state, and local coordination. By working together, these groups were able to reduce congestion and emissions in the Estes Valley and Rocky Mountain National Park through expanded parking and therefore greater use of an existing NPS transit system.

**Figure 2**
**Map of transit services at Rocky Mountain National Park**
Source: Rocky Mountain National Park



# **Appendix B --** Park Units in Nonattainment Areas with Associated MPOs and RPOs (2008 Standards)

Source: NPS Air Quality Conditions Trends Report 2013

### Intermountain Region

| NPS Unit | NPS Transit Systems | EPA Air Quality Criteria Pollutant | Nonattainment/ Maintenance Area Name | State | Associated MPO |
|---|---|---|---|---|---|
| **Big Thicket N PRES** | | 8-Hour Ozone | Houston-Galveston-Brazoria | TX | Houston- Galveston Area Council |
| **Golden Spike NHS** | | 24-Hour PM 2.5 | Logan | UT | Cache MPO |
| **Petroglyph NM** | | CO | Albuquerque | NM | Mid-Region Council of Governments of New Mexico |
| **Rocky Mountain NP** | Yes | 8-Hour Ozone, CO | Denver- Boulder- Greeley-Ft. Collins-Loveland | CO | Denver Regional Council on Governments |
| **Timpanogos Cave NM** | | 24-Hour PM 2.5, CO | Provo | UT | Mountainland Association of Governments |
| **Tumacácori NHP** | | 24-Hour PM 2.5 | Nogales | AZ | Southeastern Arizona Governments Organization |
| **Saguaro NP** | | CO | Tuscon | AZ | Pima Association of Governments |
| **Yellowstone NP** | Yes | CO | Billings | MT | Yellowstone County Planning Board |

## Midwest Region

| NPS Unit | NPS Transit System | EPA Air Quality Criteria Pollutant | Nonattainment or Maintenance Area | State | Associated MPO |
|---|---|---|---|---|---|
| **Cuyahoga Valley NP** | Yes | 8-Hour Ozone, 24-Hour PM 2.5, CO | Cleveland-Akron-Lorain | OH | Northeast Ohio Areawide Coordinating Agency |
| **First Ladies NHS** | | 24-Hour PM 2.5 | Canton-Massillon | OH | Stark County Area Transportation Study |
| **Indiana Dunes NL** | | 8-Hour Ozone, CO | Chicago-Naperville | IL-IN-WI | Northwestern Indiana Regional Planning Commission |
| **James A Garfield NHS** | | 8-Hour Ozone, 24-Hour PM 2.5 | Cleveland-Akron-Lorain | OH | Northeast Ohio Areawide Coordinating Agency |
| **Jefferson National Expansion Memorial** | | 8-Hour Ozone, CO | St. Louis- St. Charles-Farmington | MO-IL | East-West Gateway Coordinating Council |
| **Mississippi NRRA** | | CO | Minneapolis- St. Paul | MN | Twin Cities Metropolitan Council |
| **River Raisin NB** | | 24-Hour PM 2.5, CO | Detroit-Ann Arbor | MI | Southeast Michigan Council of Governments |
| **Ulysses S Grant NHS** | | 8-Hour Ozone, CO | St. Louis- St. Charles-Farmington | MO-IL | East-West Gateway Coordinating Council |
| **William Howard Taft NHS** | | 8-Hour Ozone | Cincinnati | OH-KY-IN | OKI Regional Council of Governments |

## National Capital Region

| NPS Unit | NPS Transit System* | EPA Air Quality Criteria Pollutant | Nonattainment or Maintenance Area | State | Associated MPO |
|---|---|---|---|---|---|
| **Antietam NB** | | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |
| **Arlington House, The Robert E. Lee Memorial** | | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |
| **Carter G. Woodson Home NHS** | | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |
| **Catoctin Mountain Park** | | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |
| **Clara Barton NHS** | | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |
| **Constitution Gardens** | Yes | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |
| **Ford's Theatre NHS** | Yes | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |
| **Fort Washington Park** | | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |
| **Franklin Delano Roosevelt Memorial** | Yes | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |
| **Frederick Douglass NHS** | | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |
| **George Washington Memorial PKWY** | Yes | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |

| | | | | | |
|---|---|---|---|---|---|
| **Greenbelt Park** | | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |
| **Harpers Ferry NHP** | | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |
| **Korean War Veterans Memorial** | Yes | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |
| **Lincoln Memorial** | | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |
| **Lyndon Baines Johnson Memorial Grove** | | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |
| **Manassas NBP** | | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |
| **Mary McLeod Bethune Council House NHS** | | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |
| **National Mall & Memorial Parks** | Yes | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |
| **Pennsylvania Avenue NHS** | | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |
| **Piscataway Park** | | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |
| **President's Park (White House)** | | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |
| **Prince William Forest Park** | | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |
| **Rock Creek Park** | | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |

| | | | | | |
|---|---|---|---|---|---|
| **Theodore Roosevelt Island Park** | | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |
| **Thomas Jefferson Memorial** | Yes | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |
| **Thomas Stone NHS** | | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |
| **Vietnam Veterans Memorial** | Yes | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |
| **Washington Monument** | Yes | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |
| **Wolf Trap NP for the Performing Arts** | Yes | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |

## Northeast Region

| NPS Unit | NPS Transit System* | EPA Air Quality Criteria Pollutant | Nonattainment or Maintenance Area | State | Associated MPO |
|---|---|---|---|---|---|
| **Adams NHP** | Yes | CO | Boston | MA | Boston Region MPO |
| **African Burial Ground NM** | | 8-Hour Ozone, 24-Hour PM 2.5, CO | New York- N. New Jersey-Long Island | NY-NJ-CT | New York Metropolitan Transportation Council |
| **Allegheny Portage Railroad NHS** | | 24-Hour PM 2.5, CO | Pittsburgh-Beaver Valley | PA | Southwestern PA Commission |
| **Boston Harbor Islands** | Yes | CO | Boston | MA | Boston Region MPO |
| **Boston NHP** | | CO | Boston | MA | Boston Region MPO |
| **Castle Clinton NM** | | 8-Hour Ozone, 24-Hour PM 2.5, CO | New York- N. New Jersey-Long Island | NY-NJ-CT | New York Metropolitan Transportation Council |
| **Chesapeake & Ohio Canal NHP** | | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |
| **Delaware Water Gap NRA** | Yes | 8-Hour Ozone, 24-Hour PM 2.5 | Philadelphia-Wilmington-Atlantic City | PA-NJ-MD-DE | New Jersey Transportation Planning Authority |
| **Edgar Allan Poe NHS** | | 8-Hour Ozone | Philadelphia-Wilmington-Atlantic City | PA-NJ-MD-DE | Delaware Valley Regional Planning Commission |
| **Edgar Allan Poe NHS** | | 24-Hour PM 2.5 | Philadelphia-Wilmington-Atlantic City | PA-NJ-MD-DE | Delaware Valley Regional Planning Commission |
| **Federal Hall N MEM** | | 8-Hour Ozone, 24-Hour PM 2.5, CO | New York- N. New Jersey-Long Island | NY-NJ-CT | New York Metropolitan Transportation Council |

| | | | | | |
|---|---|---|---|---|---|
| **Fire Island NS** | Yes | 8-Hour Ozone, 24-Hour PM 2.5, CO | New York- N. New Jersey-Long Island | NY-NJ-CT | New York Metropolitan Transportation Council |
| **Fort McHenry NM & Historic Shrine** | | 8-Hour Ozone, CO | Baltimore | MD | Baltimore Regional Transportation Board |
| **Fort Necessity NB** | | 8-Hour Ozone, CO | Pittsburgh-Beaver Valley | PA | Southwestern PA Commission |
| **Friendship Hill NHS** | | 8-Hour Ozone, CO | Pittsburgh-Beaver Valley | PA | Southwestern PA Commission |
| **Gateway NRA** | | 8-Hour Ozone, 24-Hour PM 2.5, CO | New York- N. New Jersey-Long Island | NY-NJ-CT | New Jersey Transportation Planning Authority |
| **General Grant N MEM** | | 8-Hour Ozone, 24-Hour PM 2.5, CO | New York- N. New Jersey-Long Island | NY-NJ-CT | New York Metropolitan Transportation Council |
| **Governors Island NM** | Yes | 8-Hour Ozone, 24-Hour PM 2.5, CO | New York- N. New Jersey-Long Island | NY-NJ-CT | New York Metropolitan Transportation Council |
| **Hamilton Grange N MEM** | | 8-Hour Ozone, 24-Hour PM 2.5, CO | New York- N. New Jersey-Long Island | NY-NJ-CT | New York Metropolitan Transportation Council |
| **Hampton NHS** | | 8-Hour Ozone, CO | Baltimore | MD | Baltimore Regional Transportation Board |
| **Hopewell Furnace NHS** | | 8-Hour Ozone, 24-Hour PM 2.5 | Reading | PA | Reading Area Transportation |
| **Independence NHP** | | 8-Hour Ozone, 24-Hour PM 2.5 | Philadelphia-Wilmington-Atlantic City | PA-NJ-MD-DE | Delaware Valley Regional Planning Commission |
| **Johnstown Flood N MEM** | Yes | 24-Hour PM 2.5 | Johnstown | PA | Cambria county Planning Commission |
| **Monocacy NB** | | 8-Hour Ozone, CO | Washington | DC-MD-VA | Metropolitan Washington Council of Governments |

| | | | | | |
|---|---|---|---|---|---|
| **Morristown NHP** | | 8-Hour Ozone, 24-Hour PM 2.5, CO | New York- N. New Jersey-Long Island | NY-NJ-CT | New Jersey Transportation Planning Authority |
| **Sagamore Hill NHS** | | 8-Hour Ozone, 24-Hour PM 2.5, CO | New York- N. New Jersey-Long Island | NY-NJ-CT | New York Metropolitan Transportation Council |
| **Saint Paul's Church NHS** | | 8-Hour Ozone, 24-Hour PM 2.5, CO | New York- N. New Jersey-Long Island | NY-NJ-CT | New York Metropolitan Transportation Council |
| **Statue of Liberty NM** | Yes | 8-Hour Ozone, 24-Hour PM 2.5, CO | New York- N. New Jersey-Long Island | NY-NJ-CT | New York Metropolitan Transportation Council |
| **Thaddeus Kosciuszko N MEM** | | 8-Hour Ozone, 24-Hour PM 2.5 | Philadelphia-Wilmington-Atlantic City | PA-NJ-MD-DE | Delaware Valley Regional Planning Commission |
| **Theodore Roosevelt Birthplace NHS** | | 8-Hour Ozone, 24-Hour PM 2.5, CO | New York- N. New Jersey-Long Island | NY-NJ-CT | New York Metropolitan Transportation Council |
| **Thomas Edison NHP** | | 8-Hour Ozone, 24-Hour PM 2.5, CO | New York- N. New Jersey-Long Island | NY-NJ-CT | New Jersey Transportation Planning Authority |
| **Upper Delaware SRR** | | 24-Hour PM 2.5 | Philadelphia-Wilmington-Atlantic City | PA-NJ-MD-DE | Goldsboro MPO |
| **Valley Forge NHP** | Yes | 8-Hour Ozone, 24-Hour PM 2.5 | Philadelphia-Wilmington-Atlantic City | PA-NJ-MD-DE | Delaware Valley Regional Planning Commission |
| **Weir Farm NHS** | | 8-Hour Ozone, 24-Hour PM 2.5, CO | Greater Connecticut | CT | Greater Bridgeport Regional Planning Association/MPO |

## Pacific West Region

| NPS Unit | NPS Transit System* | EPA Air Quality Criteria Pollutant | Nonattainment or Maintenance Area | State | Associated MPO |
|---|---|---|---|---|---|
| **Cabrillo NM** | | 8-Hour Ozone, CO | San Diego County | CA | San Diego Association of Governments |
| **Channel Islands NP** | Yes | 8-Hour Ozone | Ventura County | CA | Santa Barbara County Association of Governments |
| **Devils Postpile NM** | Yes | 8-Hour Ozone, 24-Hour PM 2.5 | San Joaquin Valley | CA | San Joaquin County Council of Governments |
| **Eugene O'Neill NHS** | Yes | 8-Hour Ozone, 24-Hour PM 2.5, CO | San Francisco Bay Area | CA | Metropolitan Transportation Commission |
| **Fort Point NHS** | | 8-Hour Ozone, 24-Hour PM 2.5, CO | San Francisco Bay Area | CA | Metropolitan Transportation Commission |
| **Fort Vancouver NHS** | | CO | Vancouver | WA | Southwest Washington Regional Transportation Council |
| **Golden Gate NRA** | Yes | 8-Hour Ozone, 24-Hour PM 2.5, CO | San Francisco Bay Area | CA | Metropolitan Transportation Commission |
| **John Muir NHS** | | 8-Hour Ozone, 24-Hour PM 2.5, CO | San Francisco Bay Area | CA | Metropolitan Transportation Commission |

| | | | | | |
|---|---|---|---|---|---|
| **Joshua Tree NP** | | 8-Hour Ozone | Los Angeles- San Bernardino Counties (West Mojave Desert) | CA | Southern California Association of Governments |
| **Lake Mead** | | CO | Las Vegas | NV | Regional Transportation Commission of Southern Nevada |
| **Mojave N PRES** | | 8-Hour Ozone | Los Angeles- San Bernardino Counties (West Mojave Desert) | CA | Southern California Association of Governments |
| **Muir Woods NM** | Yes | 8-Hour Ozone, 24-Hour PM 2.5, CO | San Francisco Bay Area | CA | Metropolitan Transportation Commission |
| **Point Reyes NS** | Yes | 8-Hour Ozone, 24-Hour PM 2.5, CO | San Francisco Bay Area | CA | Metropolitan Transportation Commission |
| **Rosie the Riveter WWII Home Front NHP** | | 8-Hour Ozone, 24-Hour PM 2.5, CO | San Francisco Bay Area | CA | Metropolitan Transportation Commission |
| **San Francisco Maritime NHP** | | 8-Hour Ozone, 24-Hour PM 2.5, CO | San Francisco Bay Area | CA | Metropolitan Transportation Commission |
| **Santa Monica Mountains NRA** | | 8-Hour Ozone, 24-Hour PM 2.5, CO | Los Angeles- South Coast Air Basin | CA | Southern California Association of Governments |
| **Sequoia & Kings Canyon NPs** | Yes | 8-Hour Ozone, 24-Hour PM 2.5 | San Joaquin Valley | CA | San Joaquin County Council of Governments |
| **Yosemite NP** | Yes | 8-Hour Ozone, 24-Hour PM 2.5 | San Joaquin Valley | CA | San Joaquin County Council of Governments |

## Southeast Region

| NPS Unit | NPS Transit Systems | EPA Air Quality Criteria Pollutant | Nonattainment or Maintenance Area | State | Associated MPO |
|---|---|---|---|---|---|
| **Chattahoochee River NRA** | | 8-Hour Ozone | Atlanta | GA | Atlanta Regional Commission |
| **Great Smoky Mountains NP** | | 8-Hour Ozone, 24-Hour PM 2.5 | Knoxville | TN | Knoxville Regional Transportation Planning Organization |
| **Kennesaw Mountain NBP** | Yes | 8-Hour Ozone | Atlanta | GA | Atlanta Regional Commission |
| **Martin Luther King Jr NHS** | | 8-Hour Ozone | Atlanta | GA | Atlanta Regional Commission |

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The Congestion Mitigation and Air Quality Improvement (CMAQ) Program is a funding program that was most recently re-authorized in Moving Ahead for Progress in the 21st Century. CMAQ offers a potential funding opportunity for NPS park units with existing transit systems or those thinking about implementing one. With recent changes in funding for NPS transit systems, it is important for park units to look toward alternative funding sources. CMAQ's goals of air quality improvement and congestion mitigation align well with NPS environmental and visitor experience goals. To apply for CMAQ, building local partnerships and engaging in the local planning process are important actions for NPS park units to undertake.

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