NATIONAL MALL

Actions Needed to Better Manage Physical Security Risks

Accessible Version
Why GAO Did This Study

The National Mall is one of the most recognizable landscapes in the United States. It is home to memorials to our nation’s history and some of the most visited museums in the world. Threats to these assets—whether acts of terrorism, violence, or vandalism or theft of artifacts or art—could result not only in the loss of life but also the loss of iconic monuments or irreplaceable items from the Smithsonian’s or National Gallery’s collections.

GAO was asked to review the steps Interior, the Smithsonian, and the National Gallery are taking to protect U.S. assets, employees, and the visiting public. This report examines: (1) the extent to which these entities assess physical security risks and (2) the extent to which the entities use goals, measures, and testing to assess their physical security programs. This is a public version of a sensitive report that GAO issued in May 2017.

GAO reviewed applicable federal requirements; Interior-, Smithsonian-, and National Gallery-specific policies and related documents; and interviewed officials.

What GAO Recommends

In the sensitive report, GAO recommended that (1) the National Gallery document its risk management decisions and that (2) Interior, the Smithsonian, and the National Gallery link performance measures with security goals and seek input to enhance their testing programs. Interior, the Smithsonian, and the National Gallery agreed with GAO’s recommendations and indicated they will begin taking steps to address them.

What GAO Found

Federal entities on the National Mall are assessing the physical security risks to their respective U.S. assets. In doing so, they are demonstrating that they are taking a risk management approach to meet the demands of a complex security environment, specifically:

- To assess the risks to the icons—the Washington Monument and the Jefferson and Lincoln Memorials—the Department of the Interior (Interior) follows a departmental policy that reflects government-wide homeland security objectives for critical infrastructure. Among other things, Interior’s policy establishes minimum security requirements for safeguarding critical infrastructure such as the icons.

- To assess the risks to the museums and galleries on the National Mall, the Smithsonian Institution (Smithsonian) and the National Gallery of Art (National Gallery) voluntarily follow government-wide standards set forth by the Interagency Security Committee (ISC)—an interagency organization chaired by the Department of Homeland Security (DHS). These standards are designed to minimize risk to federal facilities and help nonmilitary federal entities meet recommended levels of protection. Interior’s, the Smithsonian’s, and the National Gallery’s adherence to these policies and standards, and the related steps that the entities follow, shows the considerable extent to which these entities use risk assessments as an analytical tool in their physical security programs. Nonetheless, the threat to federal facilities is significant, and ISC standards require the documentation of risk management decisions—such as decisions to defer actions to mitigate risk due to cost or other factors. Documenting risk management decisions is also a necessary part of an effective internal-control system and important in order to retain institutional knowledge and inform decision-making. GAO found that the National Gallery, which follows ISC standards voluntarily, lacked such documentation.

Interior, the Smithsonian, and the National Gallery collect information on various aspects of the performance of their physical security programs and are making efforts to use goals, measures, and testing to assess the performance of their physical security programs; however, each could benefit from taking additional steps. ISC and GAO have reported that it is necessary to establish goals and link performance measures to those goals to assess progress. While Interior, the Smithsonian, and the National Gallery intend to link performance measures to goals, they have not done so yet or established firm time frames for completing these efforts. Ensuring that plans include both goals and performance measures linked to those goals, as well as developing timelines for completion, could help these entities develop a more strategic view of their physical security programs and better position them to prioritize their needs. These entities also test aspects of their physical security programs, such as to ensure that security systems are operational and that guards are attending to their duties. While the entities have reached out to others to improve their overall programs, they did not focus on testing as part of that outreach. Seeking input from others with expertise is consistent with key practices GAO has identified for physical security and could help these entities target where their testing efforts need improvement.

View GAO-17-679. For more information, contact Lori Rectanus at (202) 512-2834 or RectanusL@gao.gov
## Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Letter</td>
<td>1</td>
</tr>
<tr>
<td>Background</td>
<td>6</td>
</tr>
<tr>
<td>Federal Entities Are Assessing Security Risks to the Icons, Museums, and Galleries on the National Mall</td>
<td>10</td>
</tr>
<tr>
<td>National Mall Entities Vary in Their Use of Goals, Performance Measures, and Testing to Assess Their Security Programs</td>
<td>15</td>
</tr>
<tr>
<td>Conclusions</td>
<td>22</td>
</tr>
<tr>
<td>Recommendations for Executive Action</td>
<td>22</td>
</tr>
<tr>
<td>Agency Comments</td>
<td>24</td>
</tr>
<tr>
<td>Appendix I: Comments from the Department of the Interior</td>
<td>26</td>
</tr>
<tr>
<td>Appendix II: Comments from the National Gallery of Art</td>
<td>27</td>
</tr>
<tr>
<td>Appendix III: GAO Contact and Staff Acknowledgments</td>
<td>28</td>
</tr>
<tr>
<td>GAO Contact</td>
<td>28</td>
</tr>
<tr>
<td>Staff Acknowledgments</td>
<td>28</td>
</tr>
<tr>
<td>Appendix IV: Accessible Data</td>
<td>28</td>
</tr>
<tr>
<td>Agency Comment Letters</td>
<td>28</td>
</tr>
</tbody>
</table>

### Figures

- **Figure 1:** National Mall Icons and Federal Facilities in the Scope of this Review
- **Figure 2:** Summary of the Interagency Security Committee Risk Management Process, as of August 2013

### Abbreviations

- CCTV: closed-circuit television
- DHS: Department of Homeland Security
- FPS: Federal Protective Service
- FSL: Facility Security Level
- Interior: Department of the Interior
- ISC: Interagency Security Committee
- LOP: level of protection
- Marshals Service: U.S. Marshals Service
July 27, 2017

The Honorable Bennie G. Thompson
Ranking Member
Committee on Homeland Security
House of Representatives

Dear Mr. Thompson:

The National Mall in Washington, D.C. is an enduring symbol of the United States and a destination for more than 24-million people each year. It is home to some of the most visited museums in the world as well as to numerous monuments and memorials to our nation’s history and heritage. The most recognized aspects of the National Mall may be the 3 icons—the Washington Monument and the Jefferson and Lincoln Memorials. Similarly well-known and frequently visited are the museums and galleries of the Smithsonian Institution (Smithsonian) and the National Gallery of Art (National Gallery). Threats to these assets—whether acts of terrorism, violence, or vandalism or theft of artifacts or art—could result not only in the loss of life but also the loss of iconic monuments or irreplaceable items from the Smithsonian’s or National Gallery’s collections.

Our prior work on physical security issues and the National Mall has highlighted the unique challenge of ensuring public access to iconic monuments and museums while also protecting these assets, employees, and the visiting public. We reported in 2005 that federal entities on the National Mall implemented numerous additional physical security

1For the purposes of this report, we defined the National Mall as the geographic area between Constitution and Independence Avenues in Washington, D.C., and between 3rd and 15th Streets proceeding west to include the Washington Monument and the Lincoln Memorial and then south to include the Jefferson Memorial.

2The Department of the Interior has identified certain well-known monuments and memorials in the United States as icons due to their cultural, historic, psychological, or political significance. The icons on the National Mall are the Washington Monument, the Jefferson Memorial, and the Lincoln Memorial. For the purposes of this report, we use the term icons to refer collectively to these structures.

enhancements after the terrorist attacks of September 11, 2001, and had actively worked to balance security needs with public access and aesthetic considerations. In addition, we reported that federal entities were using key practices such as allocating resources based on risk management principles and leveraging technology when implementing security enhancements. In other work, we have reported that performance measurement and testing of security initiatives are key practices for physical security.  

You asked us to review the steps federal entities on the National Mall are taking to protect U.S. assets, employees, and the visiting public. In this report, we addressed: (1) the extent to which federal entities with icons, museums, or galleries on the National Mall assess physical security risks and (2) the extent to which the entities use goals, measures, and testing to assess the performance of their physical security programs.

This report is a public version of a sensitive report that we issued on May 22, 2017. Our May report included information on when selected federal entities on the National Mall last assessed the physical security risks to the icons, museums, and galleries on the National Mall. The Department of Homeland Security (DHS) deemed this information to be sensitive, which must be protected from public disclosure. Therefore, this report omits sensitive information regarding the frequency with which federal entities on the National Mall assess their respective physical security risks. In addition, our May report included three objectives, including one on the findings of recent physical security risk assessments of the icons, museums, and galleries on the National Mall and steps taken to address the findings. DHS and the Department of the Interior (Interior) deemed information related to that objective to be sensitive. Consequently, this public version only includes information on the extent to which selected federal entities on the National Mall assess physical security risks and the extent to which those entities use goals, measures, and testing to assess the performance of their physical security programs.

4GAO, Homeland Security: Further Actions Needed to Coordinate Federal Agencies’ Facility Protection Efforts and Promote Key Practices, GAO-05-49 (Washington, D.C.: Nov. 30, 2004). We identified key practices for physical security as part of our prior work and have previously used these practices as criteria to evaluate how federal entities secure their assets.

In conducting our review, we focused on critical infrastructure managed by Interior and federal facilities managed by the Smithsonian and the National Gallery. These include the Washington Monument, the Jefferson and Lincoln Memorials, and 12 Smithsonian and 2 National Gallery facilities on the National Mall, as shown in figure 1.

**Note:** In addition to the icons and federal facilities shown here, the Department of Agriculture’s Whitten Building and numerous memorials, such as the Korean War Veterans Memorial, the Vietnam Veterans Memorial, and the World War II Memorial are also located on the National Mall.

To determine the extent to which Interior, the Smithsonian, and the National Gallery assess physical security risks, we reviewed federal standards and related requirements for identifying, assessing, and prioritizing the risks to nonmilitary federal facilities and critical

---

6*Critical infrastructure* represents assets, whether physical or virtual, that are so vital to the United States that the incapacity or destruction of such assets would have a debilitating impact on security, national economic security, national public health or safety, or a combination of these matters. Examples of critical infrastructure are dams, tunnels, bridges, and national monuments. See Department of Homeland Security, *National Infrastructure Protection Plan (NIPP 2013): Partnering for Critical Infrastructure Security and Resilience* (Washington, D.C.: December 2013).
infrastructure, and our prior reports on physical security issues and risk management principles. We also obtained and reviewed relevant Interior, Smithsonian, and National Gallery policies and supporting documentation and interviewed knowledgeable officials from Interior’s Office of Law Enforcement Services (OLES), the National Park Service, and the U.S. Park Police (Park Police); the Smithsonian; and the National Gallery. In addition, we interviewed representatives from the Interagency Security Committee (ISC), the Washington D.C. Mall Security Working Group, and the Metropolitan Police Department. We compared Interior’s, the Smithsonian’s, and the National Gallery’s efforts against agency requirements; applicable federal standards, such as ISC’s physical security standards for federal facilities, The Risk Management Process for Federal Facilities: An Interagency Security Committee Standard (RMP); and our prior work identifying key practices in physical security, such as the use of risk management principles.

To determine the extent to which Interior, the Smithsonian, and the National Gallery use goals, measures, and testing to assess the performance of their physical security programs, we obtained and reviewed information about how each entity measures performance and

---


9The Washington D.C. Mall Security Working group is made up of nearly 20 federal and non-federal entities located on or near the National Mall that gather and share information related to the protection of their facilities, property, occupants, and events.

10ISC periodically issues updates to the RMP. We used the August 2013 version, which was the most current standard at the time we initiated this review. For the current version of the RMP, see ISC, The Risk Management Process for Federal Facilities: An Interagency Security Committee Standard (November 2016).

11GAO-05-49.
conducted testing. For example, we reviewed performance measurement data collected by the Park Police and the Smithsonian (the National Gallery did not have performance measures at the time of our review), the Park Police’s strategic and operational plan for fiscal years 2006–2009, and drafts of plans that the Smithsonian and the National Gallery are developing to define their security goals. We also reviewed documents describing the Park Police’s and the Smithsonian’s testing procedures. We interviewed knowledgeable officials and obtained written responses from the Park Police, the Smithsonian, and the National Gallery about their current procedures and their plans for enhancing their performance measurement and testing efforts. We compared Interior’s, the Smithsonian’s, and the National Gallery’s performance measurement and testing efforts to risk management principles; the RMP’s guidance on performance measurement and testing; and leading practices for physical security, performance measurement, and collaboration defined in our prior work. The RMP states that nonmilitary federal entities should use performance measurement and testing but does not prescribe specific performance measures that should be developed or how testing must be done, recognizing that implementation will differ depending on the entity.

The performance audit upon which this report is based was conducted from April 2016 to April 2017 in accordance with generally accepted government auditing standards. Those standards require that we plan and perform the audit to obtain sufficient, appropriate, evidence to provide a reasonable basis for our findings and conclusions based on our audit objectives. We believe that the evidence obtained provides a reasonable basis for our findings and conclusions based on our audit objectives. We subsequently worked with DHS, Interior, the Smithsonian, and the National Gallery from May 2017 to July 2017 to prepare this public

---

version of the original sensitive report for public release. This public version was also prepared in accordance with these standards.

Background

The National Mall in Washington, D.C., is one of the most recognizable landscapes in the United States and serves as both the public setting for our nation’s Capital as well as home to some of the most visited museums in the world. Along the National Mall are numerous monuments and memorials to our nation’s history and heritage. According to the Park Service, approximately 24-million people visit the National Mall each year.

Various federal entities are responsible for the physical security of the National Mall which includes conducting risk assessments of the National Mall’s assets and implementing measures to protect those assets, employees, and the visiting public. The open spaces of the National Mall, along with the Washington Monument and the Jefferson and Lincoln Memorials, are administered and maintained by Interior’s Park Service and patrolled by the Park Police. The Park Police is responsible for protecting the three icons as well as the other monuments and memorials, and Park Police officers have law enforcement jurisdiction on the National Mall and its environs. One of the Park Police’s specialized units is its Icon Protection Unit, which is comprised of personnel who possess specialized training and knowledge of the icons. Among Interior’s other offices, OLES (located within the Office of the Secretary) oversees Interior’s security efforts across the department.

The Smithsonian and the National Gallery

The Smithsonian and the National Gallery also have a number of museums and galleries on the National Mall, and each is responsible for the physical security of its respective facilities.

- The Smithsonian was created by an act of Congress in 1846\(^\text{13}\) and is considered the world’s largest museum and research complex. It consists of 19 museums and galleries, 12 of which are on the National Mall; the National Zoological Park; and 9 research facilities. The Smithsonian’s Office of Protection Services oversees security at the

\(^{13}\)Act of August 10, 1846 (9 Stat. 102).
Smithsonian, which includes policing its assets and grounds; screening individuals who enter its facilities; responding to undesirable events; and assessing its physical security risks and implementing countermeasures to minimize, monitor, and control the probability that an undesirable event might occur. In 2016, the Smithsonian’s 12 museums and galleries on the National Mall had almost 23-million visits, and the Smithsonian employed about 5,800 employees, volunteers, fellows, and researchers on the National Mall as of December 31, 2016.

- Conceived of by financier Andrew W. Mellon, the National Gallery was created by a joint resolution of Congress in 1937, and it maintains two facilities on the National Mall—known as the East and West Buildings—and a 6-acre outdoor sculpture garden. As with the Smithsonian, the National Gallery also has an Office of Protection Services that serves as its primary security and risk-management office responsible for protecting the National Gallery’s assets, employees, and the visiting public. The National Gallery’s East and West buildings had almost 3 million visits during 2016, and it employed about 1,400 employees and volunteers at the end of 2016.

-risk management

Risk management is a continuous process of managing—through a series of mitigating actions—the likelihood of an undesirable event and its negative impact. Our past work has shown that risk management approaches generally involve identifying potential threats, assessing vulnerabilities, identifying the assets that are most critical to protect in terms of mission and significance, and evaluating mitigation alternatives to assess their effectiveness. With this information, federal entities can then decide how to allocate their resources to address risks. Risk management principles acknowledge that while risk cannot always be eliminated, steps can be taken to reduce it.

---

14 Both the Smithsonian and the National Gallery calculate visitor statistics based on the number of people entering facilities through public entrances during the hours the facilities are open. These counts sometimes include staff as well as visitors who leave a facility and return.


16 GAO-05-49.
ISC, an interagency organization chaired by DHS, has developed physical security standards for nonmilitary federal facilities in the United States.\footnote{ISC was established by Executive Order No. 12977, 60 Fed. Reg. 54411 (Oct. 24, 1995), to enhance the quality and effectiveness of security and the protection of buildings and facilities in the United States occupied by federal employees for nonmilitary activities. Executive Order No. 12977 was later amended by Executive Order No. 13286, 68 Fed. Reg. 10619 (March 5, 2003). ISC is comprised of 60 federal departments and agencies.\footnote{ISC periodically issues updates to the RMP. We used the August 2013 version, which was the current standard at the time we initiated this review. See ISC, The Risk Management Process for Federal Facilities: An Interagency Security Committee Standard (August 2013). For the current version of the RMP, see ISC, The Risk Management Process for Federal Facilities: An Interagency Security Committee Standard (November 2016).}} One of the primary ISC standards is known as the RMP, and it defines the criteria and process federal entities should follow to assess risks to their facilities and determine which countermeasures—such as blast resistant windows and intrusion detection systems—should be in place to reduce risk to an acceptable level.\footnote{ISC periodically issues updates to the RMP. We used the August 2013 version, which was the current standard at the time we initiated this review. See ISC, The Risk Management Process for Federal Facilities: An Interagency Security Committee Standard (August 2013). For the current version of the RMP, see ISC, The Risk Management Process for Federal Facilities: An Interagency Security Committee Standard (November 2016).} The RMP was not written with the application to the Washington Monument and the Jefferson and Lincoln Memorials in mind. However, ISC has noted that the risk management methodology upon which the RMP is based can be used for such structures. In addition, while only executive branch departments and agencies are required to cooperate and comply with ISC policies and recommendations, ISC has noted that the RMP is intended to be applied to all buildings in the United States occupied by federal employees for nonmilitary activities.

As shown in figure 2, the risk management process that ISC has set forth for federal facilities begins with determining the Facility Security Level (FSL), which is a categorization that ranges from Level I (lowest risk) to Level V (highest risk) based on the analysis of security-related factors, such as symbolism, population (e.g., employees and visitors), and size. That categorization serves as the basis for identifying security enhancements or countermeasures that should be implemented at federal facilities to reduce the level of risk to an acceptable level.
Because risk assessments play a key role in the risk management process, ISC has developed standards for these assessments. For example, ISC requires that risk assessments consider the likelihood of certain undesirable events (which range from theft to active shooter), and the RMP provides entities with an integrated, single source of information on physical security enhancements that entities should implement to effectively minimize risk and meet baseline levels of protection. To determine whether a facility meets recommended baseline levels of protection, the RMP includes criteria, which vary by FSL, in the following categories:

- **Site**: facility perimeter, exterior areas and assets, and parking.
- **Structure**: structural hardening, façade, windows, and building systems.
• *Facility entrance*: employee and visitor entrances and exits, loading docks, and other openings in the building envelope.\(^{19}\)

• *Interior*: space planning and security of specific interior spaces.

• *Security systems*: intrusion-detection, access control, and closed-circuit television (CCTV) camera systems.

• *Security operations and administration*: management and decision-making and the handling and receiving of mail.

The *RMP* also notes that performance measurement data are essential to appropriate decision-making and provides guidance on implementing a comprehensive performance measurement and testing program. According to ISC, performance measures should be based on an entity’s goals and objectives. Examples of performance measures for physical security programs include the number and types of security incidents, the time it takes to respond to security incidents, and the percentage of countermeasures deployed within a given time frame. In addition, the *RMP* notes that testing can be useful in assessing how well countermeasures are performing. Testing can include operational efforts, such as determining whether equipment is calibrated properly, determining if security guards are knowledgeable about procedures, and determining if intrusion detection systems are activating properly. Testing can also include procedures to test emergency response or planned exercises to breach security to ensure that existing countermeasures are capable of securing a facility.

---

**Federal Entities Are Assessing Security Risks to the Icons, Museums, and Galleries on the National Mall**

Interior, the Smithsonian, and the National Gallery are assessing the physical security risks to the icons, museums, and galleries on the National Mall. Conducting risk assessments is a key component of a risk management approach, and over the years we have advocated the use of a risk management approach as an analytical tool to help address various

---

\(^{19}\)The *building envelope* refers to the outside surface and dimensions of a building, inclusive of the façade and roof.
national security and terrorism issues. Our prior work has shown that taking a risk management approach provides federal entities with useful information to make security-related decisions and direct resources to address any unmitigated risk. By assessing the risk to the National Mall’s assets, Interior, the Smithsonian, and the National Gallery are demonstrating that they are taking a risk management approach to meet the demands of a complex security environment.

Interior’s Risk Assessments Reflect Strategic Security Requirements for National Critical Infrastructure

Interior assesses the physical security risks to the icons on the National Mall using a departmental policy that reflects government-wide homeland-security objectives for critical infrastructure. As discussed above, the RMP was not written with application to the Washington Monument and the Jefferson and Lincoln Memorials in mind; accordingly, Interior does not follow the RMP when assessing the physical security risks to the icons. Rather, Interior’s offices and bureaus are to follow requirements specified in a departmental policy related to the security of national critical infrastructure and other key resources. Interior issued this policy in 2006 in response to The National Strategy for the Physical Protection of Critical Infrastructure and Key Assets and Homeland Security Presidential Directive 7, which provided federal agencies with guidance on assessing risks to critical infrastructure. Among other things, Interior’s policy establishes minimum security requirements for safeguarding critical


infrastructure such as the icons and includes requirements for the following:

- **Security personnel**: assignments, coverage, locations, and available equipment, such as having an armed security force on site 24 hours a day.

- **Perimeter security**: physical barriers and CCTV monitoring, such as having a physical perimeter with barriers to prevent unauthorized vehicular access.

- **Access control security**: the entry of persons, mail, packages, and vehicles, such as using high security locks and securing door hinges.

- **Interior security**: prevention of criminal or terrorist activity, such as securing utility areas and having back-up power for critical systems such as alarms.

- **Security planning**: security planning and coordination, such as reviewing construction projects for security enhancements.

To ensure the department’s minimum security requirements for critical infrastructure are met, Interior requires OLES to conduct periodic compliance assessments. For the icons on the National Mall, OLES and the Park Police jointly conduct these assessments, which involve interviews with security personnel and onsite inspections of physical security systems and operational procedures.

### The Smithsonian Follows Government-Wide Standards for Physical Security at Federal Facilities

The Smithsonian assesses security risks to its museums and galleries by following the RMP as well as its own internal security-design standards. Executive Order 12977 applies only to executive branch departments and agencies. For the purposes of Executive Order 12977, the Smithsonian is not treated as an executive branch department or agency required to follow the RMP. However, Smithsonian officials told us they view the RMP as a best practice and voluntarily follow the RMP when assessing the physical security risks to their facilities on the National Mall.

To conduct these assessments, officials with the Smithsonian’s Office of Protection Services review past security-incident reports, crime statistics, and each facility’s site and floor plans. Officials also conduct on-site inspections and interview security personnel and facility managers to identify their security concerns. These assessments are conducted in
conjunction with an internal assessment that the Office of Protection Services performs to assess each facility’s compliance with its own internal security-design standards—an assessment that provides an additional layer of guidance on mitigating risks associated with cultural property protection, common crime, terrorist attacks, and other threats. Information from both of these assessments is captured in a database that allows the Smithsonian to document its risk management decisions and analyze data across its facilities on the National Mall and elsewhere. For example, using this database, Smithsonian’s Office of Protection Services is able to document any security deficiencies it discovers and then to analyze, aggregate, and prioritize future projects to address those deficiencies.

Regarding the National Museum of African American History and Culture (which opened in September 2016), the Smithsonian took steps to identify potential risks to the site—which is located at the southwest corner of Constitution Avenue and 14th Street, west of the National Museum of American History and across from the Washington Monument—and address those risks during the facility’s design and construction. Specifically, when the museum was in the initial stages of design, a contractor conducted a risk assessment of the site which included determining its FSL and providing recommendations based on the requirements included in the RMP. According to the Smithsonian’s Office of Protection Services, the findings and recommendations from this assessment were the primary resource they drew from in addressing the National Museum of African American History and Culture’s physical security needs as it was constructed.

The National Gallery Is Assessing its Security Risks but Lacks Documentation of Its Risk Management Decisions

Like the Smithsonian, the National Gallery also assesses security risks to its galleries by voluntarily following the RMP. Prior to 2016, the National Gallery engaged a security contractor to assess its compliance with the

---

24 The Smithsonian’s security design standards define the minimum security requirements for its physical space and assets and address types of physical space that the RMP does not cover, such as collections’ storage. We limited our scope in conducting this review to focusing on the Smithsonian’s risk assessments that were conducted in accordance with the RMP. Therefore, we do not address the findings of any assessments the Smithsonian conducted in accordance with its internal security-design standards.
However, during the course of our review, and in response to our inquiries, the National Gallery sent staff to receive training on ISC’s risk management process, thereby enabling the National Gallery to conduct its own assessments.

While the National Gallery is taking steps to assess its security risks, we found that it does not have complete documentation of its risk management decisions. Documenting risk management decisions is important for several reasons. The RMP states that the threat to federal facilities is significant and that decisions to accept risk could have serious consequences. To that end, the RMP requires that risk management decisions be documented. In addition, we have previously reported that risk management, as it pertains to facility protection, relies heavily on having accurate and timely information. Documentation is also a necessary part of an effective internal control system, and federal internal control standards state that federal entities should complete and document corrective actions to remediate internal control deficiencies on a timely basis. Without documentation, decision makers may not effectively understand the rationale behind decisions—or, in the case of risk management—make important security-related decisions and direct resources to address unmitigated risks.

During the initial inquiries of our work conducting the sensitive aspects of this review, officials told us that due to a lack of complete documentation they had limited institutional knowledge of the National Gallery’s risk management decisions as they relate to physical security. Because of a lack of documentation, we received inconsistent or incomplete information throughout that review. While National Gallery officials agreed to address concerns we raised to them, we believe there is an opportunity for the National Gallery to address gaps in its institutional knowledge and help ensure more informed decision-making—specifically, by developing a process to document its risk management decisions.

26For the purposes of Executive Order 12977, like the Smithsonian, the National Gallery is not treated as an executive branch department or agency required to follow ISC standards but voluntarily does so.

26GAO-05-49.

National Mall Entities Vary in Their Use of Goals, Performance Measures, and Testing to Assess Their Security Programs

Federal Entities Have Identified Goals and Related Performance Measures to Varying Degrees

Interior, the Smithsonian, and the National Gallery each collect information on various aspects of the performance of their physical security programs; however, each is at a different stage of developing goals and linking performance measures to these goals. While measuring the performance of physical security programs can be challenging, we have reported that monitoring and evaluating actions taken against strategic objectives and performance measures is part of the “loop” of risk management and helps ensure that an entity’s objectives are being accomplished. A key part of performance measurement is setting meaningful goals and measuring progress toward those goals, according to our prior work. Establishing goals helps an entity focus on what it is trying to achieve. Accordingly, goals should be objective, measurable, and quantifiable. Once an entity has defined its goals, we have reported

28 In prior work identifying key practices in protecting federal facilities, we reported that it is important that federal entities repeat the risk management process periodically—that is, restart a “loop” of assessment, mitigation, and monitoring and evaluation. For more information, see GAO-05-49.

29 As part of our work assessing implementation of performance planning and reporting frameworks in the federal government we have identified a number of leading practices related to goal setting and performance measurement. See, for example, GAO, The Results Act: An Evaluator’s Guide to Assessing Agency Annual Performance Plans, GAO/GGD-10.1.20 (Washington, D.C.: Apr. 1, 1998). We have previously reported that these leading practices apply at all levels within an organization. For example, see Nuclear Regulatory Commission: Regulatory Fee-Setting Calculations Need Greater Transparency, GAO-17-232 (Washington, D.C.: Feb. 2, 2017) and Environmental Justice: EPA Needs to Take Additional Actions to Help Ensure Effective Implementation, GAO-12-77 (Washington, D.C.: Oct. 6, 2011).

30 GAO/GGD-10.1.20.
that developing performance measures that are linked to those goals can help it assess progress.  

In addition, the RMP, which the Smithsonian and National Gallery voluntarily follow, states that federal entities should use performance measurement to assess and document the effectiveness of their physical security programs, and it notes that performance measures should be linked to goals. According to the RMP, an example of a goal could be to ensure that facilities are compliant with the RMP within a given time period, and examples of performance measures for monitoring progress toward that goal could be the number of completed risk assessments and the number of countermeasures implemented. As discussed above, documenting activities is also part of an effective internal control system and helps to ensure that goals are met.

Interior, the Smithsonian, and the National Gallery have taken steps to incorporate aspects of performance measurement into their physical security programs, and each plans to improve how it measures performance, specifically:

- The Park Police uses information it collects to manage its physical security program and has identified goals and performance measures to assess the effectiveness of its efforts; however, its efforts align with a strategic plan that has not been updated in more than 10 years and does not specifically document how performance measures are linked to goals. According to officials, the Park Police’s goals are defined in a strategic plan that covers fiscal years 2006-2009. This plan contains several goals and action steps needed to implement these goals; however, it has not been updated since 2006. One of the goals included in this plan is to ensure that the icons and visitors are protected from harm, and the plan includes steps that should be taken to implement that goal, such as maintaining sustainable and effective patrol coverage and enhancing equipment and training of security guards assigned to the icons. In addition, the Park Police monitors a variety of performance measures on a monthly basis. While officials described to us how some of these performance measures were connected to a goal about protecting the icons—such as the number of security incidents that pose a threat to the icons and the


32 GAO-14-704G.
percentage of security patrols that pass inspection—the connection between their performance measures and goals are not documented as part of their strategic plan. As a result, it is not clear how all of these performance measures link to the Park Police’s goals. Further, officials told us that both their goals and performance measures need to be updated. The Park Police intends to develop a new strategic plan this summer. According to Park Police officials, that plan will include updated goals and performance measures linked to those goals.

- The Smithsonian uses performance measures to monitor various aspects of its physical security program, and while it plans to link these performance measures to overall program goals, it has not yet identified these goals. For example, the Smithsonian has analyzed its security staffing levels to identify the numbers and types of staff needed to secure its facilities and collections, and it conducts ongoing monitoring of its staffing levels. The Smithsonian has a variety of performance measures and has defined performance targets for some of them—such as compliance rates with the RMP and its own security design criteria, security staffing levels, the frequency with which risk assessments are conducted, and actions taken in response to security alarms—but it has not identified overall goals for its physical security program. Smithsonian officials told us that they have focused on other priorities for their security program in the past, such as managing day-to-day concerns and addressing needed upgrades. However, these officials told us they recognize the importance of establishing program-wide goals and plan to address this need as part of an effort they are currently undertaking to develop a strategic plan for security. Smithsonian officials noted that they are in the early stages of this effort and do not know when it will be completed and that efforts to develop their strategic plan for security have been delayed in the past due to other priorities. Smithsonian officials told us they also intend to link their performance measures to program goals but noted that this effort would be separate from the strategic plan, and they have not identified where they would document this linkage.

- The National Gallery uses information to monitor its physical security program and is starting to link performance measures and goals as

33 According to the Park Police, inspections entail checking whether security guards are present at the assigned locations and fully attending to their duties.
part of several ongoing efforts. National Gallery officials told us that their past priorities have been fire-safety upgrades and projects in their Master Facilities Plan, but they have recognized the need to link performance measures and goals. As part of a new National Gallery-wide risk-management process, officials have identified two goals related to security—protecting the landmark buildings and ensuring the safety of the staff and the visiting public. Further, the National Gallery has documented plans to develop goals and performance measures. Officials anticipate that the National Gallery’s leadership will approve the goals, and they plan to submit performance measures for approval to the National Gallery’s leadership by September 2017.

In a parallel effort, the National Gallery is also developing a master security plan, and as part of this plan officials intend to develop goals and performance measures. However, this plan is still in draft form and time frames for implementation are unclear because the plan would need leadership approval and some steps outlined in the plan will require approval for additional funding.

The Park Police, the Smithsonian, and the National Gallery have opportunities to take a more strategic approach to performance measurement—specifically, by developing goals where they are needed and linking their performance measures to these goals, so that they can better assess the effectiveness of their physical security programs. Each of these entities has recognized the value of a more strategic approach and is currently taking steps to incorporate goals and related performance measures into the physical security programs. However, the three entities’ plans are all at an early stage, so they have not yet determined how they will document this linkage or identified time frames for completing their plans. Thus, it is too early to tell if the results of their efforts will include these linkages.

Linking performance measures and goals could help these entities monitor and evaluate their efforts, which is an essential part of risk management. The information the entities can gain from performance measures that are aligned with goals could also provide these entities with a clearer view of the effectiveness of their physical security programs and better position them to prioritize security needs.

In addition to the efforts described, National Gallery officials told us they have also begun developing performance metrics to help track compliance with requirements in the RMP that the National Gallery has not met.
National Mall Entities Vary in Their Use of Security Testing and Could Benefit from Seeking Assistance to Enhance Efforts

Interior, the Smithsonian, and the National Gallery each test aspects of their physical security programs, and although they have reached out to other entities to help improve their overall programs, they have not made testing a focus of their outreach efforts. Testing—both covert and planned—can help determine whether security staff and equipment are adequate under real and simulated conditions, and the results of testing can provide insight into the effectiveness of efforts to mitigate potential vulnerabilities.\(^{35}\) We have found in past work that testing is a key practice for physical security programs and integral to performance measurement. The RMP states that nonmilitary federal entities should use testing to assess and document the effectiveness of their physical security programs, but it does not prescribe how this testing must be done, noting that its guidance is meant to assist federal entities and recognizing that the implementation of testing will differ depending on the entity.\(^{36}\)

Conducting testing at the icons and facilities on the National Mall presents unique challenges, due to the open settings of the icons and the large numbers of people who visit the museums and galleries. Despite these challenges, Interior, the Smithsonian, and the National Gallery have each taken steps to incorporate testing into their physical security programs, more specifically:

- The Park Police currently conducts operational checks to ensure that security guards are following procedures, conducts daily security inspections of the icons to verify that guards are at their assigned locations and attending to their duties, and uses security managers from outside sources to perform covert operational checks on a random basis.
- The Smithsonian currently conducts periodic operational tests of its security systems and its access controls, with more frequent tests for

\(^{35}\)As discussed earlier, testing can include operational efforts, such as determining whether or not equipment is calibrated properly, security guards are knowledgeable about procedures, and intrusion detection systems are activating properly. Testing can also include procedures to test emergency response or planned exercises to breach security to ensure existing protective measures are working effectively.

\(^{36}\)See GAO-05-49.
higher risk areas such as perimeter doors and exhibition space, according to Smithsonian officials. In addition, an official told us that they began to review security screening at the entrances to their facilities in February 2017, in response to our questions about this topic. As part of these tests, Smithsonian assesses how well security guards follow prescribed guidelines.

- The National Gallery currently tests aspects of its physical security program and plans to expand its testing practices. Specifically, the National Gallery conducts periodic covert testing of access controls and uses the results of these tests to address failures and measure improvement. The National Gallery also tests whether its command center appropriately directs responses to alarm situations and plans to test its baggage-screening procedures.

As Interior, the Smithsonian, and the National Gallery proceed with these efforts, there may be opportunities to draw on the expertise of others with knowledge in testing physical security initiatives. In our prior work we have identified information sharing and coordinating with other federal entities as a key practice for physical security. We have also found that federal agencies can enhance their collaborative efforts by identifying opportunities to leverage resources. ISC officials told us that ISC provides an interagency forum with multiple mechanisms for information sharing and that ISC members could share best practices for conducting testing. We have also reported that DHS’s Federal Protective Service (FPS) and the Department of Justice’s U.S. Marshals Service (Marshals Service), which has primary responsibility for the security of federal courthouses, have years of experience in testing security-screening efforts in federal buildings—places where balancing public access and security is an important factor. For example, in order to assess screening effectiveness, we have reported that FPS conducts covert tests of security screening at federal buildings and that the Marshals Service conducts intrusion tests that consist of attempts to circumvent the public-screening process and access federal courthouses with a prohibited item such as a weapon. A senior FPS official also told us that FPS could meet with entities to understand their existing program and share applicable

37See GAO-05-49.


lessons learned, and Marshals Service officials told us they would be willing to share their expertise in planning and conducting testing with entities on the National Mall.

Interior, the Smithsonian, and the National Gallery have reached out to other federal entities to improve their physical security programs, but we found they have not made testing a focus of their outreach efforts, specifically:

- Park Police officials told us they have sought to enhance their physical security program by coordinating with internal and external partners. This coordination includes, for example, sharing information about best practices, emerging threats, and new technology through a variety of venues, such as by visiting other sites, such as the Statute of Liberty National Monument; and by participating in a variety of working groups, such as the Mall Security Working Group. While these efforts are valuable, testing has not been the primary focus. According to Park Police officials, they have considered implementing additional covert testing but found they lacked the capability to implement and sustain such efforts.

- Smithsonian officials said that additional testing would help them to assess the effectiveness of their physical security program but that they lacked the resources to conduct additional testing activities. According to these officials, they participate in the Mall Security Working Group and have collaborated with other entities to share practices for implementing testing. Apart from these efforts, officials said they have not reached out to other entities regarding testing because they have devoted time and resources to other efforts, such as conducting operational tests and managing day-to-day security concerns.

- National Gallery officials told us they have a collaborative relationship with other entities through the Mall Security Working Group and that they reach out to this group to discuss a variety of security initiatives and emerging issues. A senior official told us the National Gallery has reached out to this group to discuss testing of its screening procedures, which is a useful first step. However, a senior National Gallery official also noted that other aspects of the physical security program could benefit from the same kind of knowledge sharing.

40The Washington D.C. Mall Security Working group is made up of nearly 20 federal and non-federal entities located on or near the National Mall that gather and share information related to the protection of their facilities, property, occupants, and events.
Moving forward, drawing on the knowledge and practices of others could help Interior, the Smithsonian, and the National Gallery enhance their respective testing programs, a process that could provide them with more information about what security procedures and investments are working and where improvements are needed. By not making testing a focus of outreach efforts, National Mall entities may be missing opportunities to leverage the knowledge of other entities that have experience in this area.

Conclusions

Ensuring the physical security of the icons, museums, and galleries on the National Mall—as well as the federal employees who work there and the visiting public—is a complex and difficult task. Federal entities contend with a variety of challenges on the National Mall that can limit what they can do to enhance security. Interior, the Smithsonian, and the National Gallery recognize these limitations and are taking steps to assess physical-security risks. However, more could be done to better manage physical security risks on the National Mall. Because the National Gallery lacks complete documentation of its risk management decisions, there is an opportunity to enhance its risk management decision-making as it relates to physical security. Furthermore, Interior, the Smithsonian, and the National Gallery have opportunities to take a more strategic approach to performance measurement by developing goals for their programs and linking performance measures to those goals. Without taking a more strategic approach, these entities may have difficulty effectively assessing their progress. Lastly, although federal entities on the National Mall have reached out to others to improve their physical security programs, they have not made testing a focus of their outreach efforts. Drawing on the knowledge and practices of other federal entities could help Interior, the Smithsonian, and the National Gallery enhance their testing programs.

Recommendations for Executive Action

We recommend that the Secretary of the Interior direct the Director of the National Park Service to take the following two actions:

- direct the U.S. Park Police to ensure that performance measures linked to program goals are included as part of its updated strategic plan and direct it to develop a timeline for completion of this plan, and
direct the U.S. Park Police to seek additional input from federal entities with expertise regarding ways to enhance testing of its physical security program.
We recommend that the Secretary of the Smithsonian Institution direct the Office of Protection Services to take the following two actions:

- develop program goals and ensure that performance measures linked to those goals are included as part of the strategic plan for security and develop a timeline for completion of this plan, and
- seek additional input from federal entities with expertise regarding ways to enhance testing of the physical security program.

We recommend that the Director of the National Gallery of Art direct the Office of Protection Services to take the following three actions:

- develop a process for documenting risk management decisions;
- ensure that program goals and performance measures linked to those goals are included as part of the master security plan and develop a timeline for completion of this plan; and
- seek additional input from federal entities with expertise regarding ways to enhance testing of the physical security program.

Agency Comments

We provided a draft of the sensitive version of this report to DHS, Interior, the Smithsonian, and the National Gallery for review and comment. In an email, DHS’s liaison stated that DHS had no comments on the report. Interior and the National Gallery provided written comments, reproduced in appendixes I and II, respectively, stating that they agreed with our recommendations and will take steps to address them. We also received an e-mail from the Smithsonian’s Office of Government Relations stating that the Smithsonian was not providing written comments, but that it agreed with our recommendations and will take steps to address them. In addition, DHS and Interior provided technical comments, which we incorporated as appropriate.

We are sending copies of this report to the Secretaries of Homeland Security, the Interior, and the Smithsonian Institution, and to the Director of the National Gallery of Art. In addition, the report will be available at no charge on the GAO website at http://www.gao.gov.
If you or your staff have any questions about this report, please contact me at (202) 512-2834 or rectanusl@gao.gov. Contact points for our Offices of Congressional Relations and Public Affairs may be found on the last page of this report. GAO staff who made key contributions to this report are listed in appendix III.

Sincerely yours,

Lori Rectanus
Director, Physical Infrastructure Issues
Appendix I: Comments from the Department of the Interior

United States Department of the Interior
OFFICE OF THE SECRETARY
Washington, DC 20240

MAY 8, 2017

Lori Rectanus
Director, Physical Security Issues
U.S. Government Accountability Office
441 G Street, NW
Washington, DC 20548

Dear Ms. Rectanus:

Thank you for providing the Department of the Interior (Department) the opportunity to review and comment on the draft Government Accountability Office (GAO) report entitled, National Mall: Actions Needed to Better Manage Physical Security Risks (GAO-17-479SU). We appreciate GAO’s review of the steps that the Department of the Interior, the Smithsonian Institution, and the National Gallery of Art are taking to protect U.S. assets, employees, and the visiting public.

In response to GAO’s request, the Department has also conducted a sensitivity review and determined that the material in the report is extremely sensitive and should not be released to the public.

The GAO issued the U.S. Park Police (USPP) two recommendations in the report. The Department concurs with the recommendations and will (1) take action to ensure that performance measures linked to program goals are included as part of its updated strategic plan and (2) develop a timeline for completion of this plan. In addition, the Department will seek input from Federal entities with expertise regarding ways to enhance testing of the USPP physical security program.

We have submitted technical comments under separate cover.

We look forward to the final report. If you have any questions or need additional information, please contact Chief Robert Maclean at (202) 619-7419.

Sincerely,

Maureen D. Foster
Acting Assistant Secretary
for Fish and Wildlife and Parks
Appendix II: Comments from the National Gallery of Art

NATIONAL GALLERY OF ART
Office of the Director

April 28, 2017

Dear Mr. Sausville,

The National Gallery of Art appreciates the opportunity to review and comment on the U.S. Government Accountability Office (GAO) draft report entitled, National Mall: Actions Needed to Better Manage Physical Security Risks (GAO 17-479SU). I am pleased that your report notes the positive steps we are taking to address potential risks and recognizes the challenge to balance security with public access on the National Mall. The Gallery has reviewed the draft report in depth, and concurs with its findings. Working with other entities on the National Mall, we will begin plans to implement those findings.

We also appreciate your willingness to address our comments on the preliminary facts and key findings document. If you have any questions, please contact me or Delia Scott, the Gallery’s Congressional Liaison, at (202) 842-6656.

With all best wishes,

Sincerely,

Earl A. Powell III

Mr. David Sausville
Assistant Director
Physical Infrastructure Issues
U.S. Government Accountability Office
Washington, DC 20548

Sixth Street and Constitution Avenue NW, Washington, DC - www.nga.gov
Mailing address: 2000 South Club Drive, Landover, MD 20785
Appendix III: GAO Contact and Staff Acknowledgments

GAO Contact

Lori Rectanus, (202) 512-2834 or rectanusl@gao.gov

Staff Acknowledgments

In addition to the contact above, key contributors to this report included David Sausville (Assistant Director); Luqman Abdullah; Patricia Donahue; Geoffrey Hamilton; Wesley A. Johnson; Kate Perl; Malika Rice; Jerry Sandau; Henry Smart, III; and Michelle Weathers.

Appendix IV: Accessible Data

Agency Comment Letters

Text of Appendix I: Comments from the Department of the Interior

Lori Rectanus

Director, Physical Security Issues

U.S. Government Accountability Office 441 G Street, NW

Washington, DC 20548 Dear Ms. Rectanus:

MAY - 8 2017

Thank you for providing the Department of the Interior (Department) the opportunity to review and comment on the draft Government
Appendix IV: Accessible Data

Accountability Office (GAO) report entitled, National Mall: Actions Needed to Better Manage Physical Security Risks (GAO-17-679SU). We appreciate GAO's review of the steps that the Department of the Interior, the Smithsonian Institution, and the National Gallery of Art are taking to protect U.S. assets, employees, and the visiting public.

In response to GAO's request, the Department has also conducted a sensitivity review and determined that the material in the report is extremely sensitive and should not be released to the public.

The GAO issued the U.S. Park Police (USPP) two recommendations in the report. The Department concurs with the recommendations and will (1) take action to ensure that performance measures linked to program goals are included as part of its updated strategic plan and (2) develop a timeline for completion of this plan. In addition, the Department will seek input from Federal entities with expertise regarding ways to enhance testing of the USPP physical security program.

We have submitted technical comments under separate cover.

We look forward to the final report. If you have any questions or need additional information, please contact Chief Robert Maclean at (202) 619-7419.

Sincerely,

Maureen D. Foster
Acting Assistant Secretary
for Fish and Wildlife and Parks

Text of Appendix II: Comments from the National Gallery of Art

April 28, 2017

Dear Mr. Sausville,

The National Gallery of Art appreciates the opportunity to review and comment on the U.S. Government Accountability Office (GAO) draft report entitled, National Mall: Actions Needed to Better Manage Physical
Security Risks (GAO 17-479SU). I am pleased that your report notes the positive steps we are taking to address potential risks and recognizes the challenge to balance security with public access on the National Mall. The Gallery has reviewed the draft report in depth, and concurs with its findings. Working with other entities on the National Mall, we will begin plans to implement those findings.

We also appreciate your willingness to address our comments on the preliminary facts and key findings document. If you have any questions, please contact me or Delia Scott, the Gallery’s Congressional Liaison, at (202) 842-6656.

With all best wishes,

Earl A. Powell III

Mr. David Sausville Assistant Director

Physical Infrastructure Issues

U.S. Government Accountability Office Washington, DC 20548
GAO’s Mission
The Government Accountability Office, the audit, evaluation, and investigative arm of Congress, exists to support Congress in meeting its constitutional responsibilities and to help improve the performance and accountability of the federal government for the American people. GAO examines the use of public funds; evaluates federal programs and policies; and provides analyses, recommendations, and other assistance to help Congress make informed oversight, policy, and funding decisions. GAO’s commitment to good government is reflected in its core values of accountability, integrity, and reliability.

Obtaining Copies of GAO Reports and Testimony
The fastest and easiest way to obtain copies of GAO documents at no cost is through GAO’s website (http://www.gao.gov). Each weekday afternoon, GAO posts on its website newly released reports, testimony, and correspondence. To have GAO e-mail you a list of newly posted products, go to http://www.gao.gov and select “E-mail Updates.”

Order by Phone
The price of each GAO publication reflects GAO’s actual cost of production and distribution and depends on the number of pages in the publication and whether the publication is printed in color or black and white. Pricing and ordering information is posted on GAO’s website, http://www.gao.gov/ordering.htm.

Place orders by calling (202) 512-6000, toll free (866) 801-7077, or TDD (202) 512-2537.

Orders may be paid for using American Express, Discover Card, MasterCard, Visa, check, or money order. Call for additional information.

Connect with GAO
Connect with GAO on Facebook, Flickr, LinkedIn, Twitter, and YouTube. Subscribe to our RSS Feeds or E-mail Updates. Listen to our Podcasts. Visit GAO on the web at www.gao.gov and read The Watchblog.

To Report Fraud, Waste, and Abuse in Federal Programs
Contact:
Website: http://www.gao.gov/fraudnet/fraudnet.htm
E-mail: fraudnet@gao.gov
Automated answering system: (800) 424-5454 or (202) 512-7470

Congressional Relations

Katherine Siggerud, Managing Director, siggerudk@gao.gov, (202) 512-4400,
U.S. Government Accountability Office, 441 G Street NW, Room 7125,
Washington, DC 20548

Public Affairs

Chuck Young, Managing Director, youngc1@gao.gov, (202) 512-4800
U.S. Government Accountability Office, 441 G Street NW, Room 7149
Washington, DC 20548

Strategic Planning and External Liaison

James-Christian Blockwood, Managing Director, spel@gao.gov, (202) 512-4707
U.S. Government Accountability Office, 441 G Street NW, Room 7814,
Washington, DC 20548