

# **North America Fire Alarm Systems Market Size and Forecast (2021 - 2031), Regional Share, Trend, and Growth Opportunity Analysis Report Coverage: By Technology (Addressable Systems and Conventional Systems), Product Type [Detector Type (Smoke Detectors, Heat Detectors, Flame Detectors, and Others), Alarm Type (Audible Alarms, Visual Alarms, and Manual Call-points Alarms), and Control Panels], and Application (Commercial, Industrial, and Residential)**

<https://marketpublishers.com/r/N04355965F05EN.html>

Date: March 2026

Pages: 160

Price: US\$ 3,450.00 (Single User License)

ID: N04355965F05EN

## **Abstracts**

The North America Fire Alarm Systems Market is projected to grow significantly, reaching an estimated US\$ 20,325.1 million by 2031, up from US\$ 12,802.4 million in 2024. This growth represents a compound annual growth rate (CAGR) of 6.9% from 2025 to 2031. The market's expansion is driven by increasing economic competitiveness in North America, characterized by enhanced cooperation and policy alignment across economic, commercial, and residential sectors.

The construction industry in North America is experiencing robust growth, fueled by substantial investments. For example, in October 2023, Fluor, a leading global engineering and construction firm, completed a US\$ 250 million pharmaceutical plant for Bayer in Berkeley, California. Additionally, in October 2024, the President of Mexico announced a Housing and Regularization Program aimed at constructing 1 million homes and granting 1 million property deeds during her administration. Furthermore, the Federal Aviation Administration (FAA) allocated US\$ 970 million from the President's Infrastructure Law to improve 125 airports across 46 US states, Guam, and

Palau, marking the fourth investment of approximately US\$ 1 billion to enhance national infrastructure.

The demand for fire alarm systems is on the rise across various construction sectors, including commercial and residential buildings. Insurance companies often require the installation of fire alarm systems to mitigate financial losses from fire incidents.

Homeowners are increasingly opting for Internet of Things (IoT)-enabled fire alarms that integrate with other smart devices, such as mobile phones and home security systems. These advanced alarms provide real-time notifications, enhancing response times even when homeowners are away.

#### Market Segmentation Analysis

The North America Fire Alarm Systems Market can be segmented based on several criteria:

**By Technology:** The market is divided into Addressable Systems and Conventional Systems, with Addressable Systems holding the largest market share in 2024.

**By Product Type:** The market is categorized into Detector Type and Alarm Type, where Detector Type dominated the market in 2024.

**By Detection System:** This includes Smoke Detectors, Heat Detectors, Flame Detectors, and others, with Smoke Detectors leading the market share in 2024.

**By Alarm System:** The market is segmented into Audible Alarms, Visual Alarms, and Manual Call-point Alarms, with Audible Alarms holding the largest share.

**By Application:** The market is divided into Commercial, Industrial, and Residential applications, with the Commercial sector leading in 2024.

#### Market Outlook

The frequency of fire incidents is rising globally, contributing to the increasing demand for fire alarm systems. According to the National Fire Protection Association (NFPA), the US experienced 36 large-loss fires or explosions in 2022, the second-highest in the past decade. These incidents resulted in approximately US\$ 1.39 billion in property damage, accounting for about 8% of total fire-related financial losses that year. Notably, the largest incident occurred at a gas distribution plant in Haven, Kansas, with losses exceeding US\$ 200 million. Structural fires alone caused property losses of US\$ 1 billion, representing around 81% of total losses from large-loss fires.

The rise in fire incidents is particularly concerning, with local fire departments responding to around 1.5 million fires in the US in 2022, leading to 3,790 civilian deaths and 13,250 injuries. The property damage from these fires was estimated at US\$ 18 billion. The statistics indicate that a fire department responds to a fire every 21 seconds, with a house structure fire reported every 88 seconds. Such alarming figures underscore the critical need for effective fire alarm systems to enhance safety and minimize risks.

### Country Insights

The North America Fire Alarm Systems Market is primarily segmented into three countries: the United States, Canada, and Mexico, with the United States holding the largest market share in 2024. The US construction industry is thriving, with residential construction spending reaching approximately US\$ 911,429 million and non-residential construction spending at US\$ 1,220,507 million as of August 2024. This growth is expected to drive demand for fire alarm systems, which are essential for ensuring rapid emergency response, detecting fires in isolated areas, and complying with health and safety regulations.

### Key Players

The market features several prominent players, including Schneider Electric SE, Honeywell International Inc, Siemens AG, Eaton Corporation plc, Carrier Global Corp, Bosch Sicherheitssysteme GmbH, Gentex Corp, Napco Security Technologies Inc, Johnson Controls International Plc, Mircom Technologies Ltd, and Fike Corporation. These companies are actively pursuing strategies such as expansion, product innovation, and mergers and acquisitions to enhance their market presence and offer innovative solutions to consumers.

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