

# **Driving Simulator Market Size, Share & Trends Analysis Report By Simulator Type (Compact, Full-scale, Advanced), By Application, By End Use (Automotive, Marine, Aviation), By Region, And Segment Forecasts, 2020 - 2027**

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## **Abstracts**

The global driving simulator market size is expected to reach USD 6.1 billion by 2027, registering a CAGR of 3.4% over the forecast period, according to a new study by Grand View Research, Inc. Increasing research & development activities focused on developing autonomous vehicles, coupled with growing demand for advanced driving assistance systems, are expected to drive the market in the forecast period. The use of simulators for vehicle testing helps automotive manufacturers to assess the real-time performance of the vehicles in a dynamic but controlled environment.

Driving simulator acts as a training platform for training new as well as experienced drivers for commercial and project-oriented purposes. These machines are used for providing driving lessons ranging from basic to expert levels. Moreover, they help the trainers and the researchers in determining the behaviour patterns of the drivers under several unavoidable circumstances, including sudden braking.

Furthermore, simulators are used across various platforms in the aviation industry to train pilots of commercial aircrafts and helicopters and military aircrafts. These machines are also gaining momentum in the motorsports and gaming industry. Car and bike simulators are increasingly used in gaming zones and arenas as well as amusement parks. They enable higher player engagement in the game, thereby increasing their popularity globally.

Further key findings from the study suggest:

The full-scale simulator type segment held a major share of approximately 41% in 2019 owing to its lower cost as compared to other types

By application, the research and testing segment dominated the driving simulator market in 2019 and is expected to expand at the highest CAGR during the forecast period owing to the advent of autonomous vehicles in the market

Based on end use, the aviation segment held a major share in 2019 owing to the increased air traffic and growing safety concerns among passengers

Europe accounted for the largest share in 2019, followed by North America. Presence of major automotive manufacturers is driving the regional market

Prominent players in the driving simulator market include Thales Group; L3 Technologies Inc.; CAE, Inc.; Bosch Rexroth AG; and Anthony Best Dynamics Limited.

## Contents

### **CHAPTER 1. METHODOLOGY AND SCOPE**

- 1.1. Research Methodology
- 1.2. Research Scope & Assumptions
- 1.3. List of Data Sources

### **CHAPTER 2. EXECUTIVE SUMMARY**

- 2.1. Driving Simulator Market - Industry Snapshot & Key Buying Criteria, 2016 - 2027

### **CHAPTER 3. DRIVING SIMULATOR INDUSTRY OUTLOOK**

- 3.1. Market Segmentation & Scope
- 3.2. Market Size and Growth Prospects, 2016 - 2027
- 3.3. Value Chain Analysis
- 3.4. Market Dynamics
  - 3.4.1. Market driver analysis
  - 3.4.2. Market restraint/challenge analysis
  - 3.4.3. Market opportunity analysis
- 3.5. Penetration & Growth Prospect Mapping
- 3.6. Industry Analysis - Porter's
- 3.7. PEST Analysis

### **CHAPTER 4. DRIVING SIMULATOR MARKET: SIMULATOR TYPE OUTLOOK**

- 4.1. Driving Simulator Market Share By Simulator Type, 2019 & 2027 (USD Million)
- 4.2. Compact Simulator
  - 4.2.1. Market estimates and forecasts, 2016 - 2027 (USD Million)
  - 4.2.2. Market estimates and forecasts by region, 2016 - 2027 (USD Million)
- 4.3. Full-Scale Simulator
  - 4.3.1. Market estimates and forecasts, 2016 - 2027 (USD Million)
  - 4.3.2. Market estimates and forecast by region, 2016 - 2027 (USD Million)
- 4.4. Advanced Simulator
  - 4.4.1. Market estimates and forecasts, 2016 - 2027 (USD Million)
  - 4.4.2. Market estimates and forecast by region, 2016 - 2027 (USD Million)

### **CHAPTER 5. DRIVING SIMULATOR MARKET: APPLICATION OUTLOOK**

#### 5.1. Driving Simulator Market Share By Application, 2019 & 2027 (USD Million)

#### 5.2. Research & Testing

##### 5.2.1. Market estimates and forecasts, 2016 - 2027 (USD Million)

##### 5.2.2. Market estimates and forecasts by region, 2016 - 2027 (USD Million)

#### 5.3. Training

##### 5.3.1. Market estimates and forecasts, 2016 - 2027 (USD Million)

##### 5.3.2. Market estimates and forecast by region, 2016 - 2027 (USD Million)

#### 5.4. Motor Sports & Gaming

##### 5.4.1. Market estimates and forecasts, 2016 - 2027 (USD Million)

##### 5.4.2. Market estimates and forecast by region, 2016 - 2027 (USD Million)

### **CHAPTER 6. DRIVING SIMULATOR MARKET: END-USE OUTLOOK**

#### 6.1. Driving Simulator Market Share By End-use, 2019 & 2027 (USD Million)

#### 6.2. Automotive

##### 6.2.1. Market estimates and forecast, 2016 - 2027 (USD Million)

##### 6.2.2. Market estimates and forecast by region, 2016 - 2027 (USD Million)

#### 6.3. Marine

##### 6.3.1. Market estimates and forecast, 2016 - 2027 (USD Million)

##### 6.3.2. Market estimates and forecast by region, 2016 - 2027 (USD Million)

#### 6.4. Aviation

##### 6.4.1. Market estimates and forecast, 2016 - 2027 (USD Million)

##### 6.4.2. Market estimates and forecast by region, 2016 - 2027 (USD Million)

### **CHAPTER 7. DRIVING SIMULATOR MARKET: REGIONAL OUTLOOK**

#### 7.1. Driving Simulator Market Share By Region, 2019 & 2027 (USD Million)

#### 7.2. North America

##### 7.2.1. Market estimates and forecast, 2016 - 2027 (USD Million)

##### 7.2.2. Market estimates and forecast by simulator type, 2016 - 2027 (USD Million)

##### 7.2.3. Market estimates and forecast by application, 2016 - 2027 (USD Million)

##### 7.2.4. Market estimates and forecast by end-use, 2016 - 2027 (USD Million)

##### 7.2.5. U.S.

###### 7.2.5.1. Market estimates and forecast, 2016 - 2027 (USD Million)

###### 7.2.5.2. Market estimates and forecast by simulator type, 2016 - 2027 (USD Million)

###### 7.2.5.3. Market estimates and forecast by application, 2016 - 2027 (USD Million)

###### 7.2.5.4. Market estimates and forecast by end-use, 2016 - 2027 (USD Million)

##### 7.2.6. Canada

7.2.6.1. Market estimates and forecast, 2016 - 2027 (USD Million)

7.2.6.2. Market estimates and forecast by simulator type, 2016 - 2027 (USD Million)

7.2.6.3. Market estimates and forecast by application, 2016 - 2027 (USD Million)

7.2.6.4. Market estimates and forecast by end-use, 2016 - 2027 (USD Million)

### 7.3. Europe

7.3.1. Market estimates and forecast, 2016 - 2027 (USD Million)

7.3.2. Market estimates and forecast by simulator type, 2016 - 2027 (USD Million)

7.3.3. Market estimates and forecast by application, 2016 - 2027 (USD Million)

7.3.4. Market estimates and forecast by end-use, 2016 - 2027 (USD Million)

#### 7.3.5. U.K.

7.3.5.1. Market estimates and forecast, 2016 - 2027 (USD Million)

7.3.5.2. Market estimates and forecast by simulator type, 2016 - 2027 (USD Million)

7.3.5.3. Market estimates and forecast by application, 2016 - 2027 (USD Million)

7.3.5.4. Market estimates and forecast by end-use, 2016 - 2027 (USD Million)

#### 7.3.6. Germany

7.3.6.1. Market estimates and forecast, 2016 - 2027 (USD Million)

7.3.6.2. Market estimates and forecast by simulator type, 2016 - 2027 (USD Million)

7.3.6.3. Market estimates and forecast by application, 2016 - 2027 (USD Million)

7.3.6.4. Market estimates and forecast by end-use, 2016 - 2027 (USD Million)

#### 7.3.7. France

7.3.7.1. Market estimates and forecast, 2016 - 2027 (USD Million)

7.3.7.2. Market estimates and forecast by simulator type, 2016 - 2027 (USD Million)

7.3.7.3. Market estimates and forecast by application, 2016 - 2027 (USD Million)

7.3.7.4. Market estimates and forecast by end-use, 2016 - 2027 (USD Million)

### 7.4. Asia Pacific

7.4.1. Market estimates and forecast, 2016 - 2027 (USD Million)

7.4.2. Market estimates and forecast by simulator type, 2016 - 2027 (USD Million)

7.4.3. Market estimates and forecast by application, 2016 - 2027 (USD Million)

7.4.4. Market estimates and forecast by end-use, 2016 - 2027 (USD Million)

#### 7.4.5. China

7.4.5.1. Market estimates and forecast, 2016 - 2027 (USD Million)

7.4.5.2. Market estimates and forecast by simulator type, 2016 - 2027 (USD Million)

7.4.5.3. Market estimates and forecast by application, 2016 - 2027 (USD Million)

7.4.5.4. Market estimates and forecast by end-use, 2016 - 2027 (USD Million)

#### 7.4.6. India

7.4.6.1. Market estimates and forecast, 2016 - 2027 (USD Million)

7.4.6.2. Market estimates and forecast by simulator type, 2016 - 2027 (USD Million)

7.4.6.3. Market estimates and forecast by application, 2016 - 2027 (USD Million)

7.4.6.4. Market estimates and forecast by end-use, 2016 - 2027 (USD Million)

#### 7.4.7. Japan

7.4.7.1. Market estimates and forecast, 2016 - 2027 (USD Million)

7.4.7.2. Market estimates and forecast by simulator type, 2016 - 2027 (USD Million)

7.4.7.3. Market estimates and forecast by application, 2016 - 2027 (USD Million)

7.4.7.4. Market estimates and forecast by end-use, 2016 - 2027 (USD Million)

#### 7.5. Latin America

7.5.1. Market estimates and forecast, 2016 - 2027 (USD Million)

7.5.2. Market estimates and forecast by simulator type, 2016 - 2027 (USD Million)

7.5.3. Market estimates and forecast by application, 2016 - 2027 (USD Million)

7.5.4. Market estimates and forecast by end-use, 2016 - 2027 (USD Million)

##### 7.5.5. Brazil

7.5.5.1. Market estimates and forecast, 2016 - 2027 (USD Million)

7.5.5.2. Market estimates and forecast by simulator type, 2016 - 2027 (USD Million)

7.5.5.3. Market estimates and forecast by application, 2016 - 2027 (USD Million)

7.5.5.4. Market estimates and forecast by end-use, 2016 - 2027 (USD Million)

##### 7.5.6. Mexico

7.5.6.1. Market estimates and forecast, 2016 - 2027 (USD Million)

7.5.6.2. Market estimates and forecast by simulator type, 2016 - 2027 (USD Million)

7.5.6.3. Market estimates and forecast by application, 2016 - 2027 (USD Million)

7.5.6.4. Market estimates and forecast by end-use, 2016 - 2027 (USD Million)

#### 7.6. Middle East & Africa

7.6.1. Market estimates and forecast, 2016 - 2027 (USD Million)

7.6.2. Market estimates and forecast by simulator type, 2016 - 2027 (USD Million)

7.6.3. Market estimates and forecast by application, 2016 - 2027 (USD Million)

7.6.4. Market estimates and forecast by end-use, 2016 - 2027 (USD Million)

## CHAPTER 8. COMPETITIVE LANDSCAPE

### 8.1. Thales Group

8.1.1. Company overview

8.1.2. Financial Performance

8.1.3. Product benchmarking

8.1.4. Recent developments

### 8.2. Moog, Inc.

8.2.1. Company overview

8.2.2. Financial Performance

8.2.3. Product benchmarking

8.2.4. Recent developments

### 8.3. L3 Technologies Inc.

- 8.3.1. Company overview
- 8.3.2. Financial Performance
- 8.3.3. Product benchmarking
- 8.3.4. Recent developments
- 8.4. CAE, Inc.
  - 8.4.1. Company overview
  - 8.4.2. Financial Performance
  - 8.4.3. Product benchmarking
  - 8.4.4. Recent developments
- 8.5. CXC Simulations
  - 8.5.1. Company overview
  - 8.5.2. Financial performance
  - 8.5.3. Product benchmarking
  - 8.5.4. Recent developments
- 8.6. Boeing
  - 8.6.1. Company overview
  - 8.6.2. Financial Performance
  - 8.6.3. Product benchmarking
  - 8.6.4. Recent developments
- 8.7. ECA- Group
  - 8.7.1. Company overview
  - 8.7.2. Financial Performance
  - 8.7.3. Product benchmarking
  - 8.7.4. Recent developments
- 8.8. Bosch Rexroth AG
  - 8.8.1. Company overview
  - 8.8.2. Financial Performance
  - 8.8.3. Product benchmarking
  - 8.8.4. Recent developments
- 8.9. MTS Systems Corporation
  - 8.9.1. Company overview
  - 8.9.2. Financial Performance
  - 8.9.3. Product benchmarking
  - 8.9.4. Recent developments
- 8.10. Quantum3D
  - 8.10.1. Company overview
  - 8.10.2. Financial Performance
  - 8.10.3. Product benchmarking
  - 8.10.4. Recent developments







## List Of Tables

### LIST OF TABLES

TABLE 1 List of abbreviations

TABLE 2 Driving simulator market- Industry snapshot & key buying criteria, 2016 - 2027

TABLE 3 Driving simulator market, 2016 - 2027 (USD Million)

TABLE 4 Driving simulator market, by region, 2016 - 2027 (USD Million)

TABLE 5 Driving simulator market, by simulator type, 2016 - 2027 (USD Million)

TABLE 6 Driving simulator market, by application, 2016 - 2027 (USD Million)

TABLE 7 Driving simulator market, by end-use, 2016 - 2027 (USD Million)

TABLE 8 Driving simulator market, by compact simulator, 2016 - 2027 (USD Million)

TABLE 9 Compact Simulator market by region, 2016 - 2027 (USD Million)

TABLE 10 Driving simulator market, by full-scale simulator, 2016 - 2027 (USD Million)

TABLE 11 Full-Scale Simulator market, by region, 2016 - 2027 (USD Million)

TABLE 12 Driving simulator market, by advanced simulator, 2016 - 2027 (USD Million)

TABLE 13 Advanced Simulator market, by region, 2016 - 2027 (USD Million)

TABLE 14 Driving simulator market, by research & testing, 2016 - 2027 (USD Million)

TABLE 15 Research & Testing market, by region, 2016 - 2027 (USD Million)

TABLE 16 Driving simulator market, by training, 2016 - 2027 (USD Million)

TABLE 17 Training market, by region, 2016 - 2027 (USD Million)

TABLE 18 Driving simulator market, by motor sports & gaming, 2016 - 2027 (USD Million)

TABLE 19 Motor Sports & Gaming market, by region, 2016 - 2027 (USD Million)

TABLE 20 Driving simulator market, by passenger vehicle, 2016 - 2027 (USD Million)

TABLE 21 Automotive market, by region, 2016 - 2027 (USD Million)

TABLE 22 Driving simulator market, by commercial vehicle, 2016 - 2027 (USD Million)

TABLE 23 Marine market, by region, 2016 - 2027 (USD Million)

TABLE 24 Driving simulator market, by others, 2016 - 2027 (USD Million)

TABLE 25 Aviation market, by region, 2016 - 2027 (USD Million)

TABLE 26 North America driving simulator market, 2016 - 2027 (USD Million)

TABLE 27 North America driving simulator market, by simulator type, 2016 - 2027 (USD Million)

TABLE 28 North America driving simulator market, by application, 2016 - 2027 (USD Million)

TABLE 29 North America driving simulator market, by end-use, 2016 - 2027 (USD Million)

TABLE 30 U.S.driving simulator market, 2016 - 2027 (USD Million)

TABLE 31 U.S. driving simulator market, by simulator type, 2016 - 2027 (USD Million)

TABLE 32 U.S. driving simulator market, by application, 2016 - 2027 (USD Million)

TABLE 33 U.S. driving simulator market, by end-use, 2016 - 2027 (USD Million)

TABLE 34 Canada driving simulator market, 2016 - 2027 (USD Million)

TABLE 35 Canada driving simulator market, by simulator type, 2016 - 2027 (USD Million)

TABLE 36 Canada driving simulator market, by application, 2016 - 2027 (USD Million)

TABLE 37 Canada driving simulator market, by end-use, 2016 - 2027 (USD Million)

TABLE 38 Europe driving simulator market, 2016 - 2027 (USD Million)

TABLE 39 Europe driving simulator market, by simulator type, 2016 - 2027 (USD Million)

TABLE 40 Europe driving simulator market, by application, 2016 - 2027 (USD Million)

TABLE 41 Europe driving simulator market, by end-use, 2016 - 2027 (USD Million)

TABLE 42 U.K. driving simulator market, 2016 - 2027 (USD Million)

TABLE 43 U.K. driving simulator market, by simulator type, 2016 - 2027 (USD Million)

TABLE 44 U.K. driving simulator market, by application, 2016 - 2027 (USD Million)

TABLE 45 U.K. driving simulator market, by end-use, 2016 - 2027 (USD Million)

TABLE 46 Germany driving simulator market, 2016 - 2027 (USD Million)

TABLE 47 Germany driving simulator market, by simulator type, 2016 - 2027 (USD Million)

TABLE 48 Germany driving simulator market, by application, 2016 - 2027 (USD Million)

TABLE 49 Germany driving simulator market, by end-use, 2016 - 2027 (USD Million)

TABLE 50 France driving simulator market, 2016 - 2027 (USD Million)

TABLE 51 France driving simulator market, by simulator type, 2016 - 2027 (USD Million)

TABLE 52 France driving simulator market, by application, 2016 - 2027 (USD Million)

TABLE 53 France driving simulator market, by end-use, 2016 - 2027 (USD Million)

TABLE 54 Asia Pacific driving simulator market, 2016 - 2027 (USD Million)

TABLE 55 Asia Pacific driving simulator market, by simulator type, 2016 - 2027 (USD Million)

TABLE 56 Asia Pacific driving simulator market, by application, 2016 - 2027 (USD Million)

TABLE 57 Asia Pacific driving simulator market, by end-use, 2016 - 2027 (USD Million)

TABLE 58 China driving simulator market, 2016 - 2027 (USD Million)

TABLE 59 China driving simulator market, by simulator type, 2016 - 2027 (USD Million)

TABLE 60 China driving simulator market, by application, 2016 - 2027 (USD Million)

TABLE 61 China driving simulator market, by end-use, 2016 - 2027 (USD Million)

TABLE 62 India driving simulator market, 2016 - 2027 (USD Million)

TABLE 63 India driving simulator market, by simulator type, 2016 - 2027 (USD Million)

TABLE 64 India driving simulator market, by application, 2016 - 2027 (USD Million)

TABLE 65 India driving simulator market, by end-use, 2016 - 2027 (USD Million)

TABLE 66 Japan driving simulator market, 2016 - 2027 (USD Million)

TABLE 67 Japan driving simulator market, by simulator type, 2016 - 2027 (USD Million)

TABLE 68 Japan driving simulator market, by application, 2016 - 2027 (USD Million)

TABLE 69 Japan driving simulator market, by end-use, 2016 - 2027 (USD Million)

TABLE 70 Latin America driving simulator market, 2016 - 2027 (USD Million)

TABLE 71 Latin America driving simulator market, by simulator type, 2016 - 2027 (USD Million)

TABLE 72 Latin America driving simulator market, by application, 2016 - 2027 (USD Million)

TABLE 73 Latin America driving simulator market, by end-use, 2016 - 2027 (USD Million)

TABLE 74 Brazil driving simulator market, 2016 - 2027 (USD Million)

TABLE 75 Brazil driving simulator market by simulator type, 2016 - 2027 (USD Million)

TABLE 76 Brazil driving simulator market, by application, 2016 - 2027 (USD Million)

TABLE 77 Brazil driving simulator market, by end-use, 2016 - 2027 (USD Million)

TABLE 78 Mexico driving simulator market, 2016 - 2027 (USD Million)

TABLE 79 Mexico driving simulator market, by simulator type, 2016 - 2027 (USD Million)

TABLE 80 Mexico driving simulator market, by application, 2016 - 2027 (USD Million)

TABLE 81 Mexico driving simulator market, by end-use, 2016 - 2027 (USD Million)

TABLE 82 MEA driving simulator market, 2016 - 2027 (USD Million)

TABLE 83 MEA driving simulator market, by simulator type, 2016 - 2027 (USD Million)

TABLE 84 MEA driving simulator market, by application, 2016 - 2027 (USD Million)

TABLE 85 MEA driving simulator market, by end-use, 2016 - 2027 (USD Million)

## List Of Figures

### LIST OF FIGURES

- Fig. 1 Driving Simulator market, 2019 (USD Million)
- Fig. 2 Driving Simulator market segmentation
- Fig. 3 Driving Simulator market, 2016 - 2027 (USD Million)
- Fig. 4 Value chain analysis
- Fig. 5 Driving Simulator market driver impact
- Fig. 6 Driving Simulator market restraint/challenge impact
- Fig. 7 Driving Simulator market opportunity impact
- Fig. 8 Driving Simulator market penetration & growth prospects mapping
- Fig. 9 Driving Simulator market - PEST analysis
- Fig. 10 Driving Simulator market, by simulator type, 2019 & 2027 (USD Million)
- Fig. 11 Driving Simulator market, by application, 2019 & 2027 (USD Million)
- Fig. 12 Driving Simulator Market, by end-use, 2019 & 2027 (USD Million)
- Fig. 13 Driving Simulator Market, by region, 2019 & 2027 (USD Million)?

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