

North America Autonomous Vehicle (AV) Market 2020-2030 by Offering, Automation Level (Level 1 - Level 5), Vehicle Type, Power, ADAS Feature, Ownership, and Country: Trend Outlook and Growth Opportunity

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Abstracts

North America autonomous vehicle market is expected to grow by 22.2% annually in the forecast period and reach \$167.06 billion by 2030 driven by the advancing automated transportation technology, rising government initiatives for autonomous vehicles, and growing adoption of driverless cars.

Highlighted with 74 tables and 75 figures, this 159-page report “North America Autonomous Vehicle (AV) Market 2020-2030 by Offering, Automation Level (Level 1 - Level 5), Vehicle Type, Power, ADAS Feature, Ownership, and Country: Trend Outlook and Growth Opportunity” is based on a comprehensive research of the entire North America autonomous vehicle market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. In this report 2019 is the base year for market analysis, with estimates and forecast covering 2020-2030. (Please Note: Year 2020 is not appropriate for research base due to the outbreak of COVID-19.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of North America market is forecast in optimistic, balanced, and conservative view. The balanced (most likely) projection is used to quantify North America autonomous vehicle market in every aspect of the classification from perspectives of Offering, Automation Level, Vehicle Type, Power, ADAS Feature, Ownership, and Country.

Based on offering, the North America market is segmented into the following sub-markets with annual revenue for 2019-2030 included in each section.

Hardware

Software

Service

Based on automation level, the North America market is segmented into the following sub-markets with annual revenue (\$ mn), average selling price (USD/unit), and shipment (thousand units) for 2019-2030 included in each section.

Level 1 (Driver Assistance)

Level 2 (Partial Automation)

Level 3 (Conditional Automation)

Level 4 (High Automation)

Level 5 (Full Automation)

Based on Vehicle Type, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) and shipment (thousand units) for 2019-2030.

Passenger Vehicles

Car/Robo-taxi

Van/Shuttle

Commercial Vehicles

Self-driving Trucks

Self-driving Buses

Based on power, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) and shipment (thousand units) for 2019-2030 included in each section.

Electric Cell

Fuel Cell

Hybrid

Based on ADAS Feature, the North America ADAS System market is segmented into the following sub-markets with annual revenue (\$ mn) for 2019-2030 included in each section.

Lane Assist (LA)

Crash Warning System (CWS)

Blind Spot Detection (BSD)

Adaptive Cruise Control (ACC)

Smart Park Assist (SPA)

Cross Traffic Alert (CTA)

Automatic Emergency Braking (AEB)

Traffic Jam Assist (TJA)

Intelligent Park Assist (IPA)

Based on Vehicle Ownership, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) and shipment (thousand units) for 2019-2030 included in each section.

Private Vehicles

Shared Vehicles

Geographically, the following national/local markets are fully investigated:

U.S.

Canada

For each key country, market analysis and revenue/unit shipment data are available for 2019-2030. The breakdown of major national markets by Automation Level, Vehicle Type, Power, and Ownership over the study years (2019-2030) are also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Specifically, potential risks associated with investing in North America autonomous vehicle market are assayed quantitatively and qualitatively through GMD's Risk Assessment System. According to the risk analysis and evaluation, Critical Success Factors (CSFs) are generated as a guidance to help investors & stockholders identify emerging opportunities, manage and minimize the risks, develop appropriate business

models, and make wise strategies and decisions.

Key Players (this may not be a complete list and extra companies can be added upon request):

AUDI AG

Baidu

BMW Group

Daimler AG

Delphi

FCA Italy S.p.A.

Ford Motor Company

General Motors

MAN SE

Nissan Motor Co., Ltd

Tesla, Inc.

Toyota Motor Corporation

Volkswagen AG

Volvo Group

Waymo LLC

Zoox Inc.

(Please Note: The report will be updated before delivery to make sure that the latest historical year is the base year and the forecast covers at least 5 years over the base

year.)

Contents

1 INTRODUCTION

- 1.1 Industry Definition and Research Scope
 - 1.1.1 Industry Definition
 - 1.1.2 Research Scope
- 1.2 Research Methodology
 - 1.2.1 Overview of Market Research Methodology
 - 1.2.2 Market Assumption
 - 1.2.3 Secondary Data
 - 1.2.4 Primary Data
 - 1.2.5 Data Filtration and Model Design
 - 1.2.6 Market Size/Share Estimation
 - 1.2.7 Research Limitations
- 1.3 Executive Summary

2 MARKET OVERVIEW AND DYNAMICS

- 2.1 Market Size and Forecast
 - 2.1.1 Impact of COVID-19 on World Economy
 - 2.1.2 Impact of COVID-19 on the Market
- 2.2 Major Growth Drivers
- 2.3 Market Restraints and Challenges
- 2.4 Emerging Opportunities and Market Trends
- 2.5 Porter's Fiver Forces Analysis

3 SEGMENTATION OF NORTH AMERICA MARKET BY OFFERING

- 3.1 Market Overview by Offering
- 3.2 Hardware
- 3.3 Software
- 3.4 Service

4 SEGMENTATION OF NORTH AMERICA MARKET BY AUTOMATION LEVEL

- 4.1 Market Overview by Automation Level
- 4.2 Level 1 (Driver Assistance)
- 4.3 Level 2 (Partial Automation)

4.4 Level 3 (Conditional Automation)

4.5 Level 4 (High Automation)

4.6 Level 5 (Full Automation)

5 SEGMENTATION OF NORTH AMERICA MARKET BY VEHICLE TYPE

5.1 Market Overview by Vehicle Type

5.2 Passenger Vehicles

5.3 Commercial Vehicles

6 SEGMENTATION OF NORTH AMERICA MARKET BY POWER

6.1 Market Overview by Power

6.2 Electric Cell

6.3 Fuel Cell

6.4 Hybrid

7 SEGMENTATION OF NORTH AMERICA ADAS MARKET BY ADAS FEATURE

7.1 Market Overview by ADAS Feature

7.2 Lane Assist (LA)

7.3 Crash Warning System (CWS)

7.4 Blind Spot Detection (BSD)

7.5 Adaptive Cruise Control (ACC)

7.6 Smart Park Assist (SPA)

7.7 Cross Traffic Alert (CTA)

7.8 Automatic Emergency Braking (AEB)

7.9 Traffic Jam Assist (TJA)

7.10 Intelligent Park Assist (IPA)

8 SEGMENTATION OF NORTH AMERICA MARKET BY OWNERSHIP

8.1 Market Overview by Ownership

8.2 Private Vehicles

8.3 Shared Vehicles

9 NORTH AMERICA MARKET 2020-2030 BY COUNTRY

9.1 Overview of North America Market

9.2 U.S. Market

9.3 Canadian Market

10 COMPETITIVE LANDSCAPE

10.1 Overview of Key Vendors

10.2 New Product Launch, Partnership, Investment, and M&A

10.3 Company Profiles

AUDI AG

Baidu

BMW Group

Daimler AG

Delphi

FCA Italy S.p.A.

Ford Motor Company

General Motors

MAN SE

Nissan Motor Co., Ltd

Tesla, Inc.

Toyota Motor Corporation

Volkswagen AG

Volvo Group

Waymo LLC

Zoox Inc.

11 INVESTING IN NORTH AMERICA MARKET: RISK ASSESSMENT AND MANAGEMENT

11.1 Risk Evaluation of North America Market

11.2 Critical Success Factors (CSFs)

Related Reports and Products

List Of Tables

LIST OF TABLES

Table 1. Snapshot of North America Autonomous Vehicle Market in Balanced Perspective, 2020-2030

Table 2. Growth Rate of World GDP, 2020-2022

Table 3. Main Product Trends and Market Opportunities in North America Autonomous Vehicle Market

Table 4. North America Autonomous Vehicle Market by Offering, 2019-2030, \$ mn

Table 5. Classification of Vehicles by Automation Level

Table 6. North America Autonomous Vehicle Market by Automation Level, 2019-2030, thousand units

Table 7. North America Autonomous Vehicle Market by Automation Level, 2019-2030, \$ mn

Table 8. North America Autonomous Vehicle Market by Vehicle Type, 2019-2030, thousand units

Table 9. North America Autonomous Vehicle Market by Vehicle Type, 2019-2030, \$ mn

Table 10. North America Autonomous Vehicle Market: Passenger Vehicles by Type, 2019-2030, \$ mn

Table 11. North America Autonomous Vehicle Market: Commercial Vehicles by Type, 2019-2030, \$ mn

Table 12. North America Autonomous Vehicle Market by Power, 2019-2030, thousand units

Table 13. North America Autonomous Vehicle Market by Power, 2019-2030, \$ mn

Table 14. North America ADAS Market by ADAS Feature, 2019-2030, \$ mn

Table 15. North America Autonomous Vehicle Market by Ownership, 2019-2030, thousand units

Table 16. North America Autonomous Vehicle Market by Ownership, 2019-2030, \$ mn

Table 17. North America Autonomous Vehicle Market by Country, 2019-2030, \$ mn

Table 18. U.S. Autonomous Vehicle Market by Automation Level, 2019-2030, \$ mn

Table 19. U.S. Autonomous Vehicle Market by Vehicle Type, 2019-2030, \$ mn

Table 20. U.S. Autonomous Vehicle Market by Power, 2019-2030, \$ mn

Table 21. U.S. Autonomous Vehicle Market by Ownership, 2019-2030, \$ mn

Table 22. Canada Autonomous Vehicle Market by Automation Level, 2019-2030, \$ mn

Table 23. Canada Autonomous Vehicle Market by Vehicle Type, 2019-2030, \$ mn

Table 24. Canada Autonomous Vehicle Market by Power, 2019-2030, \$ mn

Table 25. Canada Autonomous Vehicle Market by Ownership, 2019-2030, \$ mn

Table 26. Breakdown of North America Market by Key Vendor, 2020, %

Table 27. AUDI AG: Company Snapshot

Table 28. AUDI AG: Product Portfolio

Table 29. Baidu: Company Snapshot

Table 30. Baidu: Business Segmentation

Table 31. Baidu: Product Portfolio

Table 32. Baidu: Revenue, 2018-2020, \$ bn

Table 33. Bayerische Motoren Werke (BMW) AG: Company Snapshot

Table 34. Bayerische Motoren Werke (BMW) AG: Brands and Models

Table 35. Bayerische Motoren Werke (BMW) AG: Annual Production by Vehicle
2005-2019

Table 36. Bayerische Motoren Werke (BMW) AG: Annual Sales by Vehicle 2005-2019

Table 37. Bayerische Motoren Werke (BMW) AG: Product Portfolio

Table 38. Bayerische Motoren Werke (BMW) AG: Revenue, 2017-2019, \$ bn

Table 39. Bayerische Motoren Werke (BMW) AG: % of Revenue by Region, 2018

Table 40. Daimler AG: Company Snapshot

Table 41. Delphi Technologies: Company Snapshot

Table 42. FCA Italy S.p.A.: Company Snapshot

Table 43. FCA Italy S.p.A.: Product Portfolio

Table 44. Ford Motor Company: Company Snapshot

Table 45. Ford Motor Company: Brands and Models

Table 46. Ford Motor Company: Product Portfolio

Table 47. Ford Motor Company: Revenue, 2017-2019, \$ bn

Table 48. Ford Motor Company: Revenue by Business Segment, 2019, % of Revenue

Table 49. Ford Motor Company: Revenue by Region, 2019, % of Revenue

Table 50. Ford Motor Company: Recent Developments

Table 51. General Motors: Company Snapshot

Table 52. MAN SE: Company Snapshot

Table 53. Nissan Motor Co. Ltd.: Company Snapshot

Table 54. Nissan Motor Co. Ltd.: Revenue, 2018-2020, \$ bn

Table 55. Tesla Inc.: Company Snapshot

Table 56. Tesla Inc.: Business Segments

Table 57. Tesla Inc.: Revenue, 2018-2020, \$ bn

Table 58. Toyota Motor Corporation: Company Snapshot

Table 59. Toyota Motor Corporation: Business Segmentation

Table 60. Toyota Motor Corporation: Product Portfolio

Table 61. Toyota Motor Corporation: Revenue, 2018-2020, \$ bn

Table 62. Toyota Motor Company: Revenue by Region, 2020, % of Revenue

Table 63. Volkswagen AG: Company Snapshot

Table 64. Volkswagen AG: Brands and Models

Table 65. Volkswagen AG: Product Portfolio

Table 66. Volkswagen AG: Revenue, 2017-2019, \$ bn

Table 67. Volkswagen AG: Revenue by Region, 2018, % of Revenue

Table 68. Volkswagen AG: Recent Developments

Table 69. Volvo Group: Company Snapshot

Table 70. Waymo LLC: Company Snapshot

Table 71. Waymo LLC: Product Portfolio of Autonomous Vehicle Vision and Navigation System

Table 72. Zoox Inc.: Company Snapshot

Table 73. Risk Evaluation for Investing in North America Market, 2020-2030

Table 74. Critical Success Factors and Key Takeaways

List Of Figures

LIST OF FIGURES

Figure 1. Research Method Flow Chart

Figure 2. Bottom-up Approach and Top-down Approach for Market Estimation

Figure 3. North America Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2020-2030

Figure 4. North America Autonomous Vehicle Market, 2019-2030, \$ mn

Figure 5. North America Autonomous Vehicle Market, 2019-2030, thousand units

Figure 6. Impact of COVID-19 on Business

Figure 7. Primary Drivers and Impact Factors of North America Autonomous Vehicle Market

Figure 8. Primary Restraints and Impact Factors of North America Autonomous Vehicle Market

Figure 9. Porter's Fiver Forces Analysis of North America Autonomous Vehicle Market

Figure 10. Breakdown of North America Autonomous Vehicle Market by Offering, 2019-2030, % of Revenue

Figure 11. Contribution to North America 2021-2030 Cumulative Revenue by Offering, Value (\$ mn) and Share (%)

Figure 12. North America Autonomous Vehicle Market: Hardware, 2019-2030, \$ mn

Figure 13. North America Autonomous Vehicle Market: Software, 2019-2030, \$ mn

Figure 14. North America Autonomous Vehicle Market: Service, 2019-2030, \$ mn

Figure 15. Development Timeframe of Autonomous Vehicle in North America Market, 2011-2030

Figure 16. Average Selling Price of Autonomous Vehicle in North America Market by Automation Level, 2019-2030, USD/unit

Figure 17. Breakdown of North America Autonomous Vehicle Market by Automation Level, 2019-2030, % of Sales Volume

Figure 18. Breakdown of North America Autonomous Vehicle Market by Automation Level, 2019-2030, % of Sales Revenue

Figure 19. Contribution to North America 2021-2030 Cumulative Sales Volume by Automation Level, Volume (thousand units) and Share (%)

Figure 20. Contribution to North America 2021-2030 Cumulative Revenue by Automation Level, Value (\$ mn) and Share (%)

Figure 21. North America Autonomous Vehicle Market: Level 1 (Driver Assistance), 2019-2030, thousand units

Figure 22. North America Autonomous Vehicle Market: Level 1 (Driver Assistance), 2019-2030, \$ mn

Figure 23. North America Autonomous Vehicle Market: Level 2 (Partial Automation), 2019-2030, thousand units

Figure 24. North America Autonomous Vehicle Market: Level 2 (Partial Automation), 2019-2030, \$ mn

Figure 25. North America Autonomous Vehicle Market: Level 3 (Conditional Automation), 2019-2030, thousand units

Figure 26. North America Autonomous Vehicle Market: Level 3 (Conditional Automation), 2019-2030, \$ mn

Figure 27. North America Autonomous Vehicle Market: Level 4 (High Automation), 2019-2030, thousand units

Figure 28. North America Autonomous Vehicle Market: Level 4 (High Automation), 2019-2030, \$ mn

Figure 29. North America Autonomous Vehicle Market: Level 5 (Full Automation), 2019-2030, thousand units

Figure 30. North America Autonomous Vehicle Market: Level 5 (Full Automation), 2019-2030, \$ mn

Figure 31. Breakdown of North America Autonomous Vehicle Market by Vehicle Type, 2019-2030, % of Sales Volume

Figure 32. Breakdown of North America Autonomous Vehicle Market by Vehicle Type, 2019-2030, % of Sales Revenue

Figure 33. Contribution to North America 2021-2030 Cumulative Sales Volume by Vehicle Type, Volume (thousand units) and Share (%)

Figure 34. Contribution to North America 2021-2030 Cumulative Revenue by Vehicle Type, Value (\$ mn) and Share (%)

Figure 35. North America Autonomous Vehicle Market: Passenger Vehicles, 2019-2030, thousand units

Figure 36. North America Autonomous Vehicle Market: Passenger Vehicles, 2019-2030, \$ mn

Figure 37. North America Autonomous Vehicle Market: Commercial Vehicles, 2019-2030, thousand units

Figure 38. North America Autonomous Vehicle Market: Commercial Vehicles, 2019-2030, \$ mn

Figure 39. Breakdown of North America Autonomous Vehicle Market by Power, 2019-2030, % of Sales Volume

Figure 40. Breakdown of North America Autonomous Vehicle Market by Power, 2019-2030, % of Revenue

Figure 41. Contribution to North America 2021-2030 Cumulative Sales Volume by Power, Volume (thousand units) and Share (%)

Figure 42. Contribution to North America 2021-2030 Cumulative Revenue by Power,

Value (\$ mn) and Share (%)

Figure 43. North America Autonomous Vehicle Market: Electric Cell, 2019-2030, thousand units

Figure 44. North America Autonomous Vehicle Market: Electric Cell, 2019-2030, \$ mn

Figure 45. North America Autonomous Vehicle Market: Fuel Cell, 2019-2030, thousand units

Figure 46. North America Autonomous Vehicle Market: Fuel Cell, 2019-2030, \$ mn

Figure 47. North America Autonomous Vehicle Market: Hybrid, 2019-2030, thousand units

Figure 48. North America Autonomous Vehicle Market: Hybrid, 2019-2030, \$ mn

Figure 49. Breakdown of North America ADAS Market by ADAS Feature, 2019-2030, % of Revenue

Figure 50. Contribution to North America 2021-2030 Cumulative Revenue by ADAS Feature, Value (\$ mn) and Share (%)

Figure 51. North America Autonomous Vehicle Market: Lane Assist (LA), 2019-2030, \$ mn

Figure 52. North America Autonomous Vehicle Market: Crash Warning System (CWS), 2019-2030, \$ mn

Figure 53. North America Autonomous Vehicle Market: Blind Spot Detection (BSD), 2019-2030, \$ mn

Figure 54. North America Autonomous Vehicle Market: Adaptive Cruise Control (ACC), 2019-2030, \$ mn

Figure 55. North America Autonomous Vehicle Market: Smart Park Assist (SPA), 2019-2030, \$ mn

Figure 56. North America Autonomous Vehicle Market: Cross Traffic Alert (CTA), 2019-2030, \$ mn

Figure 57. North America Autonomous Vehicle Market: Automatic Emergency Braking (AEB), 2019-2030, \$ mn

Figure 58. North America Autonomous Vehicle Market: Traffic Jam Assist (TJA), 2019-2030, \$ mn

Figure 59. North America Autonomous Vehicle Market: Intelligent Park Assist (IPA), 2019-2030, \$ mn

Figure 60. Breakdown of North America Autonomous Vehicle Market by Ownership, 2019-2030, % of Sales Volume

Figure 61. Breakdown of North America Autonomous Vehicle Market by Ownership, 2019-2030, % of Sales Revenue

Figure 62. Contribution to North America 2021-2030 Cumulative Sales Volume by Ownership, Volume (thousand units) and Share (%)

Figure 63. Contribution to North America 2021-2030 Cumulative Revenue by

Ownership, Value (\$ mn) and Share (%)

Figure 64. North America Autonomous Vehicle Market: Private Vehicles, 2019-2030, thousand units

Figure 65. North America Autonomous Vehicle Market: Private Vehicles, 2019-2030, \$ mn

Figure 66. North America Autonomous Vehicle Market: Shared Vehicles, 2019-2030, thousand units

Figure 67. North America Autonomous Vehicle Market: Shared Vehicles, 2019-2030, \$ mn

Figure 68. Breakdown of North America Autonomous Vehicle Market by Country, 2020 and 2030, % of Revenue

Figure 69. Contribution to North America 2021-2030 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 70. U.S. Autonomous Vehicle Market, 2019-2030, thousand units

Figure 71. U.S. Autonomous Vehicle Market, 2019-2030, \$ mn

Figure 72. Canada Autonomous Vehicle Market, 2019-2030, thousand units

Figure 73. Canada Autonomous Vehicle Market, 2019-2030, \$ mn

Figure 74. Growth Stage of North America Autonomous Vehicle Industry over the Forecast Period

Figure 75. Worldwide Patents about Autonomous Driving by Owners, 2010-2019, Number of Active Patent Families

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