

# High Performance Alloys Market Size, Share & Trend Analysis Report By Product (Non-ferrous, Platinum group, Refractory, Super alloys), By Material, By Application, And Segment Forecasts, 2012 - 2024

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# **Abstracts**

This report can be delivered to the clients within 48 Business Hours

The global high performance alloys market size is expected to reach USD 11.34 billion by 2024, according to a new report by Grand View Research, Inc. The industry is anticipated to grow, primarily on account of rising substitution of materials such as steel and aluminum due to superior performance and reduction in the price of such alloys.

Favorable characteristics of the alloys which aid in improvement in performance efficiency coupled with superior heat and insulation is expected to drive the demand. The price of the products is generally high on account of higher production cost, which is expected to emerge as one of the major factors restraining growth.

The increasing cost of the alloying metals coupled with monopolistic hold of the industry players over the market is expected to hamper the demand over the forecast period. However, the lack of alternatives to the metals and commercialization of favorable technologies is anticipated to drive the demand over the forecast period.

Presence of a number of raw material suppliers is expected to decrease the bargaining power. Furthermore, lower raw material prices offered by suppliers from Asia Pacific is expected to propel demand. However, increasing demand for these raw materials from other key end-use industries is expected to decline raw material availability.

Further key findings from the report suggest:



Titanium based high performance alloys are expected to register a CAGR of 5.1% by revenue over the forecast period on account of heightened use in the production of turbine blades, aircraft engines, and nuclear reactors

Non-ferrous alloying material accounted for a market share with 51.6%, in terms of revenue, on account of low cost of the material coupled with extensive usage in the manufacture of electronic & electrical devices.

The use of the products in aerospace is expected to cater to a market share of 55.4% in terms of revenue on account of growing demand for lightweight materials for use in commercial and defense aircrafts

Asia Pacific region is estimated to register fastest growth with a CAGR of 5.9%, in terms of revenue on account of growing automotive industry in emerging economies such as China and India



## **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. High Performance Alloys Market- Industry summary and key buying criteria, 2013 - 2024

#### CHAPTER 3. HIGH PERFORMANCE ALLOYS INDUSTRY OUTLOOK

- 3.1. High performance alloys market segmentation
- 3.2. High performance alloys market size and growth prospects, 2013 2024
- 3.3. High performance alloys market Value chain analysis
  - 3.3.1. Vendor landscape
- 3.4. Raw material outlook
- 3.5. Technology overview
- 3.6. Regulatory framework
- 3.7. High performance alloys market dynamics
  - 3.7.1. Market driver analysis
- 3.7.2. Market restraint analysis
- 3.8. Key market opportunities Prioritized
- 3.9. Industry analysis Porter's
- 3.10. High performance alloys competitive scenario, 2015
- 3.11. High performance alloys market PESTEL analysis, 2015

#### CHAPTER 4. HIGH PERFORMANCE ALLOYS MATERIAL OUTLOOK

- 4.1. Global high performance alloys market share by material, 2015 & 2024
- 4.2. Aluminum
  - 4.2.1. Market estimates and forecast, 2013 2024
  - 4.2.2. Market estimates and forecast, by region, 2013 2024
- 4.3. Titanium
  - 4.3.1. Market estimates and forecast, 2013 2024
  - 4.3.2. Market estimates and forecast, by region, 2013 2024



- 4.4. Magnesium
  - 4.4.1. Market estimates and forecast, 2013 2024
  - 4.4.2. Market estimates and forecast, by region, 2013 2024
- 4.5. Others
- 4.5.1. Market estimates and forecast, 2013 2024
- 4.5.2. Market estimates and forecast, by region, 2013 2024

#### CHAPTER 5. HIGH PERFORMANCE ALLOYS PRODUCT OUTLOOK

- 5.1. Global high performance alloys market share by product, 2015 & 2024
- 5.2. Non ferrous
  - 5.2.1. Market estimates and forecast, 2013 2024
  - 5.2.2. Market estimates and forecast, by region, 2013 2024
- 5.3. Platinum group metals
  - 5.3.1. Market estimates and forecast, 2013 2024
- 5.3.2. Market estimates and forecast, by region, 2013 2024
- 5.4. Refractory
  - 5.4.1. Market estimates and forecast, 2013 2024
  - 5.4.2. Market estimates and forecast, by region, 2013 2024
- 5.5. Superalloys
  - 5.5.1. Market estimates and forecast, 2013 2024
  - 5.5.2. Market estimates and forecast, by region, 2013 2024

### **CHAPTER 6. HIGH PERFORMANCE ALLOYS APPLICATION OUTLOOK**

- 6.1. Global high performance alloys market share by application, 2015 & 2024
- 6.2. Aerospace
  - 6.2.1. Market estimates and forecast, 2013 2024
  - 6.2.2. Market estimates and forecast, by region, 2013 2024
- 6.3. Industrial gas turbine
  - 6.3.1. Market estimates and forecast, 2013 2024
  - 6.3.2. Market estimates and forecast, by region, 2013 2024
- 6.4. Industrial
  - 6.4.1. Market estimates and forecast, 2013 2024
  - 6.4.2. Market estimates and forecast, by region, 2013 2024
- 6.5. Automotive
  - 6.5.1. Market estimates and forecast, 2013 2024
  - 6.5.2. Market estimates and forecast, by region, 2013 2024
- 6.6. Oil & gas



- 6.6.1. Market estimates and forecast, 2013 2024
- 6.6.2. Market estimates and forecast, by region, 2013 2024

#### 6.7. E & E

- 6.7.1. Market estimates and forecast, 2013 2024
- 6.7.2. Market estimates and forecast, by region, 2013 2024

#### 6.8. Others

- 6.8.1. Market estimates and forecast, 2013 2024
- 6.8.2. Market estimates and forecast, by region, 2013 2024

#### CHAPTER 7. HIGH PERFORMANCE ALLOYS REGIONAL OUTLOOK

- 7.1. Global High Performance Alloys market share by region, 2015 & 2024
- 7.2. North America
  - 7.2.1. Market estimates and forecast, 2013 2024
  - 7.2.2. Market estimates and forecast, by material, 2013 2024
  - 7.2.3. Market estimates and forecast, by product, 2013 2024
  - 7.2.4. Market estimates and forecast, by application, 2013 2024
  - 7.2.5. U.S.
    - 7.2.5.1. Market estimates and forecast, 2013 2024
    - 7.2.5.2. Market estimates and forecast, by material, 2013 2024
    - 7.2.5.3. Market estimates and forecast, by product, 2013 2024
    - 7.2.5.4. Market estimates and forecast, by application, 2013 2024

#### 7.2.6. Canada

- 7.2.6.1. Market estimates and forecast, 2013 2024
- 7.2.6.2. Market estimates and forecast, by material, 2013 2024
- 7.2.6.3. Market estimates and forecast, by product, 2013 2024
- 7.2.6.4. Market estimates and forecast, by application, 2013 2024

#### 7.2.7. Mexico

- 7.2.7.1. Market estimates and forecast, 2013 2024
- 7.2.7.2. Market estimates and forecast, by material, 2013 2024
- 7.2.7.3. Market estimates and forecast, by product, 2013 2024
- 7.2.7.4. Market estimates and forecast, by application, 2013 2024

#### 7.3. Europe

- 7.3.1. Market estimates and forecast, 2013 2024
- 7.3.2. Market estimates and forecast, by material, 2013 2024
- 7.3.3. Market estimates and forecast, by product, 2013 2024
- 7.3.4. Market estimates and forecast, by application, 2013 2024
- 7.3.5. Germany
  - 7.3.5.1. Market estimates and forecast, 2013 2024



- 7.3.5.2. Market estimates and forecast, by material, 2013 2024
- 7.3.5.3. Market estimates and forecast, by product, 2013 2024
- 7.3.5.4. Market estimates and forecast, by application, 2013 2024 7.3.6. UK
  - 7.3.6.1. Market estimates and forecast, 2013 2024
  - 7.3.6.2. Market estimates and forecast, by material, 2013 2024
- 7.3.6.3. Market estimates and forecast, by product, 2013 2024
- 7.3.6.4. Market estimates and forecast, by application, 2013 2024

#### 7.3.7. France

- 7.3.7.1. Market estimates and forecast, 2013 2024
- 7.3.7.2. Market estimates and forecast, by material, 2013 2024
- 7.3.7.3. Market estimates and forecast, by product, 2013 2024
- 7.3.7.4. Market estimates and forecast, by application, 2013 2024

#### 7.3.8. Russia

- 7.3.8.1. Market estimates and forecast, 2013 2024
- 7.3.8.2. Market estimates and forecast, by material, 2013 2024
- 7.3.8.3. Market estimates and forecast, by product, 2013 2024
- 7.3.8.4. Market estimates and forecast, by application, 2013 2024

#### 7.4. Asia Pacific

- 7.4.1. Market estimates and forecast, 2013 2024
- 7.4.2. Market estimates and forecast, by material, 2013 2024
- 7.4.3. Market estimates and forecast, by product, 2013 2024
- 7.4.4. Market estimates and forecast, by application, 2013 2024

#### 7.4.5. China

- 7.4.5.1. Market estimates and forecast, 2013 2024
- 7.4.5.2. Market estimates and forecast, by material, 2013 2024
- 7.4.5.3. Market estimates and forecast, by product, 2013 2024
- 7.4.5.4. Market estimates and forecast, by application, 2013 2024

#### 7.4.6. India

- 7.4.6.1. Market estimates and forecast, 2013 2024
- 7.4.6.2. Market estimates and forecast, by material, 2013 2024
- 7.4.6.3. Market estimates and forecast, by product, 2013 2024
- 7.4.6.4. Market estimates and forecast, by application, 2013 2024

#### 7.4.7. Japan

- 7.4.7.1. Market estimates and forecast, 2013 2024
- 7.4.7.2. Market estimates and forecast, by material, 2013 2024
- 7.4.7.3. Market estimates and forecast, by product, 2013 2024
- 7.4.7.4. Market estimates and forecast, by application, 2013 2024

#### 7.5. Latin America



- 7.5.1. Market estimates and forecast, 2013 2024
- 7.5.2. Market estimates and forecast, by material, 2013 2024
- 7.5.3. Market estimates and forecast, by product, 2013 2024
- 7.5.4. Market estimates and forecast, by application, 2013 2024
- 7.5.5. Brazil
  - 7.5.5.1. Market estimates and forecast, 2013 2024
  - 7.5.5.2. Market estimates and forecast, by material, 2013 2024
  - 7.5.5.3. Market estimates and forecast, by product, 2013 2024
  - 7.5.5.4. Market estimates and forecast, by application, 2013 2024
- 7.5.6. Argentina
  - 7.5.6.1. Market estimates and forecast, 2013 2024
  - 7.5.6.2. Market estimates and forecast, by material, 2013 2024
  - 7.5.6.3. Market estimates and forecast, by product, 2013 2024
- 7.5.6.4. Market estimates and forecast, by application, 2013 2024

#### 7.6. Middle East and Africa

- 7.6.1. Market estimates and forecast, 2013 2024
- 7.6.2. Market estimates and forecast, by material, 2013 2024
- 7.6.3. Market estimates and forecast, by product, 2013 2024
- 7.6.4. Market estimates and forecast, by application, 2013 2024
- 7.6.5. South Africa
  - 7.6.5.1. Market estimates and forecast, 2013 2024
  - 7.6.5.2. Market estimates and forecast, by material, 2013 2024
  - 7.6.5.3. Market estimates and forecast, by product, 2013 2024
  - 7.6.5.4. Market estimates and forecast, by application, 2013 2024

#### **CHAPTER 8. COMPETITIVE LANDSCAPE**

- 8.1. Alcoa Inc.
  - 8.1.1 Company Overview
  - 8.1.2 Financial Performance
  - 8.1.3 Product Benchmarking
  - 8.1.4 Strategic Initiatives
- 8.2. Precision Castparts Corp.
  - 8.5.1 Company Overview
  - 8.2.2 Financial Performance
  - 8.2.3 Product Benchmarking
  - 8.2.4 Strategic Initiatives
- 8.3. Outokumpu
- 8.3.1 Company Overview



- 8.3.2 Financial Performance
- 8.3.3 Product Benchmarking
- 8.3.4 Strategic Initiatives
- 8.4. Hitachi Metals Ltd.
  - 8.4.1 Company Overview
  - 8.4.2 Financial Performance
  - 8.4.3 Product Benchmarking
  - 8.4.4 Strategic Initiatives
- 8.5. Aperam SA
  - 8.5.1 Company Overview
  - 8.5.2 Financial Performance
  - 8.5.3 Product Benchmarking
  - 8.5.4 Strategic Initiatives
- 8.6. Allegheny Technologies Incorporated
  - 8.6.1 Company Overview
  - 8.6.2 Financial Performance
  - 8.6.3 Product Benchmarking
  - 8.6.4 Strategic Initiatives
- 8.7. Carpenter Technology
  - 8.7.1 Company Overview
  - 8.7.2 Financial Performance
  - 8.7.3 Product Benchmarking
  - 8.7.4 Strategic Initiatives
- 8.8. Haynes International Inc.
  - 8.8.1 Company Overview
  - 8.8.2 Financial Performance
  - 8.8.3 Product Benchmarking
  - 8.8.4 Strategic Initiatives
- 8.9. Timken Company
  - 8.9.1 Company Overview
  - 8.9.2 Financial Performance
  - 8.9.3 Product Benchmarking
  - 8.9.4 Strategic Initiatives
- 8.10. VSMPO-Avisma Corporation
  - 8.10.1 Company Overview
  - 8.10.2 Financial Performance
  - 8.10.3 Product Benchmarking
  - 8.10.4 Strategic Initiatives
- 8.11. ThyssenKrupp AG



- 8.11.1 Company Overview
- 8.11.2 Financial Performance
- 8.11.3 Product Benchmarking
- 8.11.4 Strategic Initiatives
- 8.12. RTI International Metals
  - 8.12.1 Company Overview
  - 8.12.2 Financial Performance
  - 8.12.3 Product Benchmarking
  - 8.12.4 Strategic Initiatives



# **List Of Tables**

#### LIST OF TABLES

&^%fb 1. HIGH PERFORMANCE ALLOYS- INDUSTRY SUMMARY AND KEY BUYING CRITERIA, 2013 - 2024

&^%fb 2. HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 3. HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY REGION, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 4. HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY PRODUCT, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 5. HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY APPLICATION, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 6. HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY END-USE, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 7. VENDOR LANDSCAPE

&^%fb 8. HIGH PERFORMANCE ALLOYS - KEY MARKET DRIVER ANALYSIS

&^%fb 9. HIGH PERFORMANCE ALLOYS - KEY MARKET RESTRAINT ANALYSIS

&^%fb 10. HIGH PERFORMANCE ALLOYS COMPETITIVE SCENARIO, 2015

&^%fb 11. HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST IN ALUMINUM, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 12. HIGH PERFORMANCE ALLOYS MARKET VOLUME IN ALUMINUM, BY REGION, 2013 - 2024 (KILO TONS)

&^%fb 13. HIGH PERFORMANCE ALLOYS MARKET REVENUE IN ALUMINUM, BY REGION, 2013 - 2024 (USD MILLION)

&^%fb 14. HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST IN TITANIUM, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 15. HIGH PERFORMANCE ALLOYS MARKET VOLUME IN TITANIUM, BY REGION, 2013 - 2024 (KILO TONS)

&^%fb 16. HIGH PERFORMANCE ALLOYS MARKET REVENUE IN TITANIUM, BY REGION, 2013 - 2024 (USD MILLION)

&^%fb 17. HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST IN MAGNESIUM, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 18. HIGH PERFORMANCE ALLOYS MARKET VOLUME IN MAGNESIUM, BY REGION, 2013 - 2024 (KILO TONS)

&^%fb 19. HIGH PERFORMANCE ALLOYS MARKET REVENUE IN MAGNESIUM, BY REGION, 2013 - 2024 (USD MILLION)

&^%fb 20. HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST



IN OTHERS, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 21. HIGH PERFORMANCE ALLOYS MARKET VOLUME IN OTHERS, BY REGION, 2013 - 2024 (KILO TONS)

&^%fb 22. HIGH PERFORMANCE ALLOYS MARKET REVENUE IN OTHERS, BY REGION, 2013 - 2024 (USD MILLION)

&^%fb 23. HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST IN NON-FERROUS ALLOYS, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 24. HIGH PERFORMANCE ALLOYS MARKET VOLUME IN NON-FERROUS ALLOYS, BY REGION, 2013 - 2024 (KILO TONS)

&^%fb 25. HIGH PERFORMANCE ALLOYS MARKET REVENUE IN NON-FERROUS ALLOYS, BY REGION, 2013 - 2024 (USD MILLION)

&^%fb 26. HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST IN PLATINUM GROUP METALS, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 27. HIGH PERFORMANCE ALLOYS MARKET VOLUME IN PLATINUM GROUP METALS, BY REGION, 2013 - 2024 (KILO TONS)

&^%fb 28. HIGH PERFORMANCE ALLOYS MARKET REVENUE IN PLATINUM GROUP METALS, BY REGION, 2013 - 2024 (USD MILLION)

&^%fb 29. HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST IN REFRACTORY ALLOYS, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 30. HIGH PERFORMANCE ALLOYS MARKET VOLUME IN REFRACTORY ALLOYS, BY REGION, 2013 - 2024 (KILO TONS)

&^%fb 31. HIGH PERFORMANCE ALLOYS MARKET REVENUE IN REFRACTORY ALLOYS, BY REGION, 2013 - 2024 (USD MILLION)

&^%fb 32. HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST IN SUPERALLOYS, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 33. HIGH PERFORMANCE ALLOYS MARKET VOLUME IN SUPERALLOYS, BY REGION, 2013 - 2024 (KILO TONS)

&^%fb 34. HIGH PERFORMANCE ALLOYS MARKET REVENUE IN SUPERALLOYS, BY REGION, 2013 - 2024 (USD MILLION)

&^%fb 35. HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST IN AEROSPACE, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 36. HIGH PERFORMANCE ALLOYS MARKET VOLUME IN AEROSPACE, BY REGION, 2013 - 2024 (KILO TONS)

&^%fb 37. HIGH PERFORMANCE ALLOYS MARKET REVENUE IN AEROSPACE, BY REGION, 2013 - 2024 (USD MILLION)

&^%fb 38. HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST IN INDUSTRIAL GAS TURBINES, 2013 - 2024 (KILO TONS) (USD MILLION) &^%fb 39. HIGH PERFORMANCE ALLOYS MARKET VOLUME IN INDUSTRIAL GAS

TURBINES, BY REGION, 2013 - 2024 (KILO TONS)



&^%fb 40. HIGH PERFORMANCE ALLOYS MARKET REVENUE IN INDUSTRIAL GAS TURBINES, BY REGION, 2013 - 2024 (USD MILLION)

&^%fb 41. HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST IN INDUSTRIAL, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 42. HIGH PERFORMANCE ALLOYS MARKET VOLUME IN INDUSTRIAL, BY REGION, 2013 - 2024 (KILO TONS)

&^%fb 43. HIGH PERFORMANCE ALLOYS MARKET REVENUE IN INDUSTRIAL, BY REGION, 2013 - 2024 (USD MILLION)

&^%fb 44. HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST IN AUTOMOTIVE, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 45. HIGH PERFORMANCE ALLOYS MARKET VOLUME IN AUTOMOTIVE, BY REGION, 2013 - 2024 (KILO TONS)

&^%fb 46. HIGH PERFORMANCE ALLOYS MARKET REVENUE IN AUTOMOTIVE, BY REGION, 2013 - 2024 (USD MILLION)

&^%fb 47. HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST IN OIL & GAS, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 48. HIGH PERFORMANCE ALLOYS MARKET VOLUME IN OIL & GAS, BY REGION, 2013 - 2024 (KILO TONS)

&^%fb 49. HIGH PERFORMANCE ALLOYS MARKET REVENUE IN OIL & GAS, BY REGION, 2013 - 2024 (USD MILLION)

&^%fb 50. HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST IN OIL & GAS, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 51. HIGH PERFORMANCE ALLOYS MARKET VOLUME IN OIL & GAS, BY REGION, 2013 - 2024 (KILO TONS)

&^%fb 52. HIGH PERFORMANCE ALLOYS MARKET REVENUE IN OIL & GAS, BY REGION, 2013 - 2024 (USD MILLION)

&^%fb 53. HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST IN ELECTRICAL & ELECTRONICS, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 54. HIGH PERFORMANCE ALLOYS MARKET VOLUME IN ELECTRICAL & ELECTRONICS, BY REGION, 2013 - 2024 (KILO TONS)

&^%fb 55. HIGH PERFORMANCE ALLOYS MARKET REVENUE IN ELECTRICAL & ELECTRONICS, BY REGION, 2013 - 2024 (USD MILLION)

&^%fb 56. HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST IN OTHERS, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 57. HIGH PERFORMANCE ALLOYS MARKET VOLUME IN OTHERS, BY REGION, 2013 - 2024 (KILO TONS)

&^%fb 58. HIGH PERFORMANCE ALLOYS MARKET REVENUE IN OTHERS, BY REGION, 2013 - 2024 (USD MILLION)

&^%fb 59. NORTH AMERICA HIGH PERFORMANCE ALLOYS MARKET ESTIMATES



AND FORECAST, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 60. NORTH AMERICA HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY MATERIAL, 2013 - 2024 (KILO TONS)

&^%fb 61. NORTH AMERICA HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY MATERIAL, 2013 - 2024 (USD MILLION)

&^%fb 62. NORTH AMERICA HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY PRODUCT, 2013 - 2024 (KILO TONS)

&^%fb 63. NORTH AMERICA HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY PRODUCT, 2013 - 2024 (USD MILLION)

&^%fb 64. NORTH AMERICA HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY APPLICATION, 2013 - 2024 (KILO TONS)

&^%fb 65. NORTH AMERICA HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY APPLICATION, 2013 - 2024 (USD MILLION)

&^%fb 66. U.S. HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 67. U.S. HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY MATERIAL, 2013 - 2024 (KILO TONS)

&^%fb 68. U.S. HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY MATERIAL, 2013 - 2024 (USD MILLION)

&^%fb 69. U.S. HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY PRODUCT, 2013 - 2024 (KILO TONS)

&^%fb 70. U.S. HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY PRODUCT, 2013 - 2024 (USD MILLION)

&^%fb 71. U.S. HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY APPLICATION, 2013 - 2024 (KILO TONS)

&^%fb 72. U.S. HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY APPLICATION, 2013 - 2024 (USD MILLION)

&^%fb 73. CANADA HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 74. CANADA HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY MATERIAL, 2013 - 2024 (KILO TONS)

&^%fb 75. CANADA HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY MATERIAL, 2013 - 2024 (USD MILLION)

&^%fb 76. CANADA HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY PRODUCT, 2013 - 2024 (KILO TONS)

&^%fb 77. CANADA HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY PRODUCT, 2013 - 2024 (USD MILLION)

&^%fb 78. CANADA HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY APPLICATION, 2013 - 2024 (KILO TONS)



&^%fb 79. CANADA HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY APPLICATION, 2013 - 2024 (USD MILLION)

&^%fb 80. MEXICO HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 81. MEXICO HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY MATERIAL, 2013 - 2024 (KILO TONS)

&^%fb 82. MEXICO HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY MATERIAL, 2013 - 2024 (USD MILLION)

&^%fb 83. MEXICO HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY PRODUCT, 2013 - 2024 (KILO TONS)

&^%fb 84. MEXICO HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY PRODUCT, 2013 - 2024 (USD MILLION)

&^%fb 85. MEXICO HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY APPLICATION, 2013 - 2024 (KILO TONS)

&^%fb 86. MEXICO HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY APPLICATION, 2013 - 2024 (USD MILLION)

&^%fb 87. EUROPE HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 88. EUROPE HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY MATERIAL, 2013 - 2024 (KILO TONS)

&^%fb 89. EUROPE HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY MATERIAL, 2013 - 2024 (USD MILLION)

&^%fb 90. EUROPE HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY PRODUCT, 2013 - 2024 (KILO TONS)

&^%fb 91. EUROPE HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY PRODUCT, 2013 - 2024 (USD MILLION)

&^%fb 92. EUROPE HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY APPLICATION, 2013 - 2024 (KILO TONS)

&^%fb 93. EUROPE HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY APPLICATION, 2013 - 2024 (USD MILLION)

&^%fb 94. GERMANY HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 95. GERMANY HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY MATERIAL, 2013 - 2024 (KILO TONS)

&^%fb 96. GERMANY HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY MATERIAL, 2013 - 2024 (USD MILLION)

&^%fb 97. GERMANY HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY PRODUCT, 2013 - 2024 (KILO TONS)

&^%fb 98. GERMANY HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY



PRODUCT, 2013 - 2024 (USD MILLION)

&^%fb 99. GERMANY HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY APPLICATION, 2013 - 2024 (KILO TONS)

&^%fb 100. GERMANY HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY APPLICATION, 2013 - 2024 (USD MILLION)

&^%fb 101. UK HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 102. UK HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY MATERIAL, 2013 - 2024 (KILO TONS)

&^%fb 103. UK HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY MATERIAL, 2013 - 2024 (USD MILLION)

&^%fb 104. UK HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY PRODUCT, 2013 - 2024 (KILO TONS)

&^%fb 105. UK HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY PRODUCT, 2013 - 2024 (USD MILLION)

&^%fb 106. UK HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY APPLICATION, 2013 - 2024 (KILO TONS)

&^%fb 107. UK HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY APPLICATION, 2013 - 2024 (USD MILLION)

&^%fb 108. FRANCE HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 109. FRANCE HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY MATERIAL, 2013 - 2024 (KILO TONS)

&^%fb 110. FRANCE HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY MATERIAL, 2013 - 2024 (USD MILLION)

&^%fb 111. FRANCE HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY PRODUCT, 2013 - 2024 (KILO TONS)

&^%fb 112. FRANCE HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY PRODUCT, 2013 - 2024 (USD MILLION)

&^%fb 113. FRANCE HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY APPLICATION, 2013 - 2024 (KILO TONS)

&^%fb 114. FRANCE HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY APPLICATION, 2013 - 2024 (USD MILLION)

&^%fb 115. RUSSIA HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 116. RUSSIA HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY MATERIAL, 2013 - 2024 (KILO TONS)

&^%fb 117. RUSSIA HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY MATERIAL, 2013 - 2024 (USD MILLION)



- &^%fb 118. RUSSIA HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY PRODUCT, 2013 2024 (KILO TONS)
- &^%fb 119. RUSSIA HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY PRODUCT, 2013 2024 (USD MILLION)
- &^%fb 120. RUSSIA HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY APPLICATION, 2013 2024 (KILO TONS)
- &^%fb 121. RUSSIA HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY APPLICATION, 2013 2024 (USD MILLION)
- &^%fb 122. ASIA PACIFIC HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST, 2013 2024 (KILO TONS) (USD MILLION)
- &^%fb 123. ASIA PACIFIC HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY MATERIAL, 2013 2024 (KILO TONS)
- &^%fb 124. ASIA PACIFIC HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY MATERIAL, 2013 2024 (USD MILLION)
- &^%fb 125. ASIA PACIFIC HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY PRODUCT, 2013 2024 (KILO TONS)
- &^%fb 126. ASIA PACIFIC HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY PRODUCT, 2013 2024 (USD MILLION)
- &^%fb 127. ASIA PACIFIC HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY APPLICATION, 2013 2024 (KILO TONS)
- &^%fb 128. ASIA PACIFIC HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY APPLICATION, 2013 2024 (USD MILLION)
- &^%fb 129. CHINA HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST, 2013 2024 (KILO TONS) (USD MILLION)
- &^%fb 130. CHINA HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY MATERIAL, 2013 2024 (KILO TONS)
- &^%fb 131. CHINA HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY MATERIAL, 2013 2024 (USD MILLION)
- &^%fb 132. CHINA HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY PRODUCT, 2013 2024 (KILO TONS)
- &^%fb 133. CHINA HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY PRODUCT, 2013 2024 (USD MILLION)
- &^%fb 134. CHINA HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY APPLICATION, 2013 2024 (KILO TONS)
- &^%fb 135. CHINA HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY APPLICATION, 2013 2024 (USD MILLION)
- &^%fb 136. INDIA HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST, 2013 2024 (KILO TONS) (USD MILLION)
- &^%fb 137. INDIA HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY



MATERIAL, 2013 - 2024 (KILO TONS)

&^%fb 138. INDIA HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY

MATERIAL, 2013 - 2024 (USD MILLION)

&^%fb 139. INDIA HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY

PRODUCT, 2013 - 2024 (KILO TONS)

&^%fb 140. INDIA HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY

PRODUCT, 2013 - 2024 (USD MILLION)

&^%fb 141. INDIA HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY

APPLICATION, 2013 - 2024 (KILO TONS)

&^%fb 142. INDIA HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY

APPLICATION, 2013 - 2024 (USD MILLION)

&^%fb 143. JAPAN HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND

FORECAST, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 144. NORTH AMERICA HIGH PERFORMANCE ALLOYS MARKET VOLUME,

BY MATERIAL, 2013 - 2024 (KILO TONS)

&^%fb 145. JAPAN HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY

MATERIAL, 2013 - 2024 (USD MILLION)

&^%fb 146. JAPAN HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY

PRODUCT, 2013 - 2024 (KILO TONS)

&^%fb 147. JAPAN HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY

PRODUCT, 2013 - 2024 (USD MILLION)

&^%fb 148. JAPAN HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY

APPLICATION, 2013 - 2024 (KILO TONS)

&^%fb 149. JAPAN HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY

APPLICATION, 2013 - 2024 (USD MILLION)

&^%fb 150. LATIN AMERICA HIGH PERFORMANCE ALLOYS MARKET ESTIMATES

AND FORECAST, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 151. LATIN AMERICA HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY

MATERIAL, 2013 - 2024 (KILO TONS)

&^%fb 152. LATIN AMERICA HIGH PERFORMANCE ALLOYS MARKET REVENUE,

BY MATERIAL, 2013 - 2024 (USD MILLION)

&^%fb 153. LATIN AMERICA HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY

PRODUCT, 2013 - 2024 (KILO TONS)

&^%fb 154. LATIN AMERICA HIGH PERFORMANCE ALLOYS MARKET REVENUE,

BY PRODUCT, 2013 - 2024 (USD MILLION)

&^%fb 155. LATIN AMERICA HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY

APPLICATION, 2013 - 2024 (KILO TONS)

&^%fb 156. LATIN AMERICA HIGH PERFORMANCE ALLOYS MARKET REVENUE.

BY APPLICATION, 2013 - 2024 (USD MILLION)



&^%fb 157. BRAZIL HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 158. BRAZIL HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY MATERIAL, 2013 - 2024 (KILO TONS)

&^%fb 159. BRAZIL HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY MATERIAL, 2013 - 2024 (USD MILLION)

&^%fb 160. BRAZIL HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY PRODUCT, 2013 - 2024 (KILO TONS)

&^%fb 161. BRAZIL HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY PRODUCT, 2013 - 2024 (USD MILLION)

&^%fb 162. BRAZIL HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY APPLICATION, 2013 - 2024 (KILO TONS)

&^%fb 163. BRAZIL HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY APPLICATION, 2013 - 2024 (USD MILLION)

&^%fb 164. ARGENTINA HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 165. ARGENTINA HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY MATERIAL, 2013 - 2024 (KILO TONS)

&^%fb 166. ARGENTINA HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY MATERIAL, 2013 - 2024 (USD MILLION)

&^%fb 167. ARGENTINA HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY PRODUCT, 2013 - 2024 (KILO TONS)

&^%fb 168. ARGENTINA HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY PRODUCT, 2013 - 2024 (USD MILLION)

&^%fb 169. ARGENTINA HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY APPLICATION, 2013 - 2024 (KILO TONS)

&^%fb 170. ARGENTINA HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY APPLICATION, 2013 - 2024 (USD MILLION)

&^%fb 171. MEA HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 172. MEA HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY MATERIAL, 2013 - 2024 (KILO TONS)

&^%fb 173. MEA HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY MATERIAL, 2013 - 2024 (USD MILLION)

&^%fb 174. MEA HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY PRODUCT, 2013 - 2024 (KILO TONS)

&^%fb 175. MEA HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY PRODUCT, 2013 - 2024 (USD MILLION)

&^%fb 176. MEA HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY



APPLICATION, 2013 - 2024 (KILO TONS)

&^%fb 177. MEA HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY APPLICATION, 2013 - 2024 (USD MILLION)

&^%fb 178. SOUTH AFRICA HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST, 2013 - 2024 (KILO TONS) (USD MILLION)

&^%fb 179. SOUTH AFRICA HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY MATERIAL, 2013 - 2024 (KILO TONS)

&^%fb 180. SOUTH AFRICA HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY MATERIAL, 2013 - 2024 (USD MILLION)

&^%fb 181. SOUTH AFRICA HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY PRODUCT, 2013 - 2024 (KILO TONS)

&^%fb 182. SOUTH AFRICA HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY PRODUCT, 2013 - 2024 (USD MILLION)

&^%fb 183. SOUTH AFRICA HIGH PERFORMANCE ALLOYS MARKET VOLUME, BY APPLICATION, 2013 - 2024 (KILO TONS)

&^%fb 184. SOUTH AFRICA HIGH PERFORMANCE ALLOYS MARKET REVENUE, BY APPLICATION, 2013 - 2024 (USD MILLION)



# **List Of Figures**

#### **LIST OF FIGURES**

&^%fb 1. HIGH PERFORMANCE ALLOYS MARKET SEGMENTATION

&^%fb 2. HIGH PERFORMANCE ALLOYS MARKET ESTIMATES AND FORECAST, 2013 - 2024 (USD MILLION)

&^%fb 3. HIGH PERFORMANCE ALLOYS MARKET - VALUE CHAIN ANALYSIS

&^%fb 4. HIGH PERFORMANCE ALLOYS MARKET DYNAMICS

&^%fb 5. HIGH PERFORMANCE ALLOYS MARKET - KEY OPPORTUNITIES PRIORITIZED

&^%fb 6. HIGH PERFORMANCE ALLOYS MARKET PORTER'S ANALYSIS

&^%fb 7. HIGH PERFORMANCE ALLOYS MARKET PESTEL ANALYSIS

&^%fb 8. HIGH PERFORMANCE ALLOYS MARKET REVENUE SHARE BY PRODUCT, 2015 & 2024

&^%fb 9. HIGH PERFORMANCE ALLOYS MARKET REVENUE SHARE BY APPLICATION, 2015 & 2024

&^%fb 10. HIGH PERFORMANCE ALLOYS MARKET REVENUE SHARE BY END-USE, 2015 & 2024

&^%fb 11. HIGH PERFORMANCE ALLOYS MARKET REVENUE SHARE BY REGION, 2015 & 2024



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