

Aluminum Plates and Sheets Market Status and Trend Analysis 2017-2026 (COVID-19 Version)

https://marketpublishers.com/r/A6757EDBD9C5EN.html

Date: January 2021 Pages: 137 Price: US\$ 3,000.00 (Single User License) ID: A6757EDBD9C5EN

Abstracts

SUMMARY

Further key aspects of the report indicate that:

- Chapter 1: Research Scope: Product Definition, Type, End-Use & Methodology
- Chapter 2: Global Industry Summary
- Chapter 3: Market Dynamics
- Chapter 4: Global Market Segmentation by region, type and End-Use
- Chapter 5: North America Market Segmentation by region, type and End-Use
- Chapter 6: Europe Market Segmentation by region, type and End-Use
- Chapter 7: Asia-Pacific Market Segmentation by region, type and End-Use
- Chapter 8: South America Market Segmentation by region, type and End-Use
- Chapter 9: Middle East and Africa Market Segmentation by region, type and End-Use.
- Chapter 10: Market Competition by Companies
- Chapter 11: Market forecast and environment forecast.
- Chapter 12: Industry Summary.

The global Aluminum Plates and Sheets market has the potential to grow with xx million USD with growing CAGR in the forecast period from 2021f to 2026f. Factors driving the market for @@@@@@ are the significant development of demand and improvement of COVID-19 and geo-economics.

Based on the type of product,

The global Aluminum Plates and Sheets market segmented into

Aluminum Plates



Aluminum Sheets

Based on the end-use, The global Aluminum Plates and Sheets market classified into

Aerospace

Military and Transportation

Packaging

Building and Construction

Home Appliances and Cookware

Ships

Others

Based on geography, The global Aluminum Plates and Sheets market segmented into

North America [U.S., Canada, Mexico]

Europe [Germany, UK, France, Italy, Rest of Europe]

Asia-Pacific [China, India, Japan, South Korea, Southeast Asia, Australia, Rest of Asia Pacific]

South America [Brazil, Argentina, Rest of Latin America]

Middle East & Africa [GCC, North Africa, South Africa, Rest of Middle East and Africa]

And the major players included in the report are



Alcoa

Aleris

Hulamin

Constellium

Novelis

Norsk Hydro

Chalco

Kaiser Aluminum

Kobelco

Shandong Hongchuang Aluminum Industry Holding

Vimetco

Furukawa-Sky

AMAG

KUMZ

Nippon Light Metal

GLEICH GmbH

Alimex

Nanshan Aluminum

Mingtai Al

Alnan Aluminium

Aluminum Plates and Sheets Market Status and Trend Analysis 2017-2026 (COVID-19 Version)



Jingmei Aluminium

AMCO Metall



Contents

1 RESEARCH SCOPE

- 1.1 Research Product Definition
- 1.2 Research Segmentation
- 1.2.1 Product Type
- 1.2.2 Main product Type of Major Players
- 1.3 Demand Overview
- 1.4 Research Methodology

2 GLOBAL ALUMINUM PLATES AND SHEETS INDUSTRY

- 2.1 Summary about Aluminum Plates and Sheets Industry
- 2.2 Aluminum Plates and Sheets Market Trends
 - 2.2.1 Aluminum Plates and Sheets Production & Consumption Trends
- 2.2.2 Aluminum Plates and Sheets Demand Structure Trends
- 2.3 Aluminum Plates and Sheets Cost & Price

3 MARKET DYNAMICS

- 3.1 Manufacturing & Purchasing Behavior in 2020
- 3.2 Market Development under the Impact of COVID-19
 - 3.2.1 Drivers
 - 3.2.2 Restraints
 - 3.2.3 Opportunity
 - 3.2.4 Risk

4 GLOBAL MARKET SEGMENTATION

- 4.1 Region Segmentation (2017 to 2021f)
 - 4.1.1 North America (U.S., Canada and Mexico)
 - 4.1.2 Europe (Germany, UK, France, Italy, Rest of Europe)
- 4.1.3 Asia-Pacific (China, India, Japan, South Korea, Southeast Asia, Australia, Rest of Asia Pacific)
 - 4.1.4 South America (Brazil,, Argentina, Rest of Latin America)
- 4.1.5 Middle East and Africa (GCC, North Africa, South Africa, Rest of Middle East and Africa)
- 4.2 Product Type Segmentation (2017 to 2021f)



- 4.2.1 Aluminum Plates
- 4.2.2 Aluminum Sheets
- 4.3 Consumption Segmentation (2017 to 2021f)
 - 4.3.1 Aerospace
 - 4.3.2 Military and Transportation
 - 4.3.3 Packaging
 - 4.3.4 Building and Construction
 - 4.3.5 Home Appliances and Cookware
 - 4.3.6 Ships
 - 4.3.7 Others

5 NORTH AMERICA MARKET SEGMENT

- 5.1 Region Segmentation (2017 to 2021f)
 - 5.1.1 U.S.
 - 5.1.2 Canada
 - 5.1.3 Mexico
- 5.2 Product Type Segmentation (2017 to 2021f)
 - 5.2.1 Aluminum Plates
 - 5.2.2 Aluminum Sheets
- 5.3 Consumption Segmentation (2017 to 2021f)
 - 5.3.1 Aerospace
 - 5.3.2 Military and Transportation
 - 5.3.3 Packaging
 - 5.3.4 Building and Construction
 - 5.3.5 Home Appliances and Cookware
 - 5.3.6 Ships
 - 5.3.7 Others
- 5.4 Impact of COVID-19 in North America

6 EUROPE MARKET SEGMENTATION

- 6.1 Region Segmentation (2017 to 2021f)
 - 6.1.1 Germany
 - 6.1.2 UK
 - 6.1.3 France
 - 6.1.4 Italy
 - 6.1.5 Rest of Europe
- 6.2 Product Type Segmentation (2017 to 2021f)



- 6.2.1 Aluminum Plates
- 6.2.2 Aluminum Sheets
- 6.3 Consumption Segmentation (2017 to 2021f)
 - 6.3.1 Aerospace
 - 6.3.2 Military and Transportation
 - 6.3.3 Packaging
 - 6.3.4 Building and Construction
 - 6.3.5 Home Appliances and Cookware
 - 6.3.6 Ships
 - 6.3.7 Others
- 6.4 Impact of COVID-19 in Europe

7 ASIA-PACIFIC MARKET SEGMENTATION

- 7.1 Region Segmentation (2017 to 2021f)
 - 7.1.1 China
 - 7.1.2 India
 - 7.1.3 Japan
 - 7.1.4 South Korea
 - 7.1.5 Southeast Asia
 - 7.1.6 Australia
 - 7.1.7 Rest of Asia Pacific
- 7.2 Product Type Segmentation (2017 to 2021f)
 - 7.2.1 Aluminum Plates
 - 7.2.2 Aluminum Sheets
- 7.3 Consumption Segmentation (2017 to 2021f)
 - 7.3.1 Aerospace
 - 7.3.2 Military and Transportation
 - 7.3.3 Packaging
 - 7.3.4 Building and Construction
 - 7.3.5 Home Appliances and Cookware
 - 7.3.6 Ships
 - 7.3.7 Others
- 7.4 Impact of COVID-19 in Europe

8 SOUTH AMERICA MARKET SEGMENTATION

- 8.1 Region Segmentation (2017 to 2021f)
 - 8.1.1 Brazil



- 8.1.2 Argentina
- 8.1.3 Rest of Latin America
- 8.2 Product Type Segmentation (2017 to 2021f)
 - 8.2.1 Aluminum Plates
 - 8.2.2 Aluminum Sheets
- 8.3 Consumption Segmentation (2017 to 2021f)
 - 8.3.1 Aerospace
 - 8.3.2 Military and Transportation
 - 8.3.3 Packaging
 - 8.3.4 Building and Construction
 - 8.3.5 Home Appliances and Cookware
 - 8.3.6 Ships
 - 8.3.7 Others
- 8.4 Impact of COVID-19 in Europe

9 MIDDLE EAST AND AFRICA MARKET SEGMENTATION

- 9.1 Region Segmentation (2017 to 2021f)
- 9.1.1 GCC
- 9.1.2 North Africa
- 9.1.3 South Africa
- 9.1.4 Rest of Middle East and Africa
- 9.2 Product Type Segmentation (2017 to 2021f)
 - 9.2.1 Aluminum Plates
 - 9.2.2 Aluminum Sheets
- 9.3 Consumption Segmentation (2017 to 2021f)
 - 9.3.1 Aerospace
 - 9.3.2 Military and Transportation
 - 9.3.3 Packaging
 - 9.3.4 Building and Construction
 - 9.3.5 Home Appliances and Cookware
 - 9.3.6 Ships
 - 9.3.7 Others
- 9.4 Impact of COVID-19 in Europe

10 COMPETITION OF MAJOR PLAYERS

- 10.1 Brief Introduction of Major Players
 - 10.1.1 Alcoa



- 10.1.2 Aleris
- 10.1.3 Hulamin
- 10.1.4 Constellium
- 10.1.5 Novelis
- 10.1.6 Norsk Hydro
- 10.1.7 Chalco
- 10.1.8 Kaiser Aluminum
- 10.1.9 Kobelco
- 10.1.10 Shandong Hongchuang Aluminum Industry Holding
- 10.1.11 Vimetco
- 10.1.12 Furukawa-Sky
- 10.1.13 AMAG
- 10.1.14 KUMZ
- 10.1.15 Nippon Light Metal
- 10.1.16 GLEICH GmbH
- 10.1.17 Alimex
- 10.1.18 Nanshan Aluminum
- 10.1.19 Mingtai Al
- 10.1.20 Alnan Aluminium
- 10.1.21 Jingmei Aluminium
- 10.1.22 AMCO Metall
- 10.2 Aluminum Plates and Sheets Sales Date of Major Players (2017-2020e)
 - 10.2.1 Alcoa
 - 10.2.2 Aleris
 - 10.2.3 Hulamin
 - 10.2.4 Constellium
 - 10.2.5 Novelis
 - 10.2.6 Norsk Hydro
 - 10.2.7 Chalco
 - 10.2.8 Kaiser Aluminum
 - 10.2.9 Kobelco
- 10.2.10 Shandong Hongchuang Aluminum Industry Holding
- 10.2.11 Vimetco
- 10.2.12 Furukawa-Sky
- 10.2.13 AMAG
- 10.2.14 KUMZ
- 10.2.15 Nippon Light Metal
- 10.2.16 GLEICH GmbH
- 10.2.17 Alimex



- 10.2.18 Nanshan Aluminum
- 10.2.19 Mingtai Al
- 10.2.20 Alnan Aluminium
- 10.2.21 Jingmei Aluminium
- 10.2.22 AMCO Metall
- 10.3 Market Distribution of Major Players
- 10.4 Global Competition Segmentation

11 MARKET FORECAST

- 11.1 Forecast by Region
- 11.2 Forecast by Demand
- 11.3 Environment Forecast
- 11.3.1 Impact of COVID-19
- 11.3.2 Geopolitics Overview
- 11.3.3 Economic Overview of Major Countries

12 REPORT SUMMARY STATEMENT



List Of Tables

LIST OF TABLES

1. Table Aluminum Plates and Sheets Product Type Overview 2. Table Aluminum Plates and Sheets Product Type Market Share List 3. Table Aluminum Plates and Sheets Product Type of Major Players 4. Table Brief Introduction of Alcoa 5. Table Brief Introduction of Aleris 6. Table Brief Introduction of Hulamin 7. Table Brief Introduction of Constellium 8. Table Brief Introduction of Novelis 9. Table Brief Introduction of Norsk Hydro 10. Table Brief Introduction of Chalco 11. Table Brief Introduction of Kaiser Aluminum 12. Table Brief Introduction of Kobelco 13. Table Brief Introduction of Shandong Hongchuang Aluminum Industry Holding 14. Table Brief Introduction of Vimetco 15. Table Brief Introduction of Furukawa-Sky 16. Table Brief Introduction of AMAG 17. Table Brief Introduction of KUMZ 18. Table Brief Introduction of Nippon Light Metal 19. Table Brief Introduction of GLEICH GmbH 20. Table Brief Introduction of Alimex 21. Table Brief Introduction of Nanshan Aluminum 22. Table Brief Introduction of Mingtai AI 23. Table Brief Introduction of Alnan Aluminium 24. Table Brief Introduction of Jingmei Aluminium 25. Table Brief Introduction of AMCO Metall 26. Table Products & Services of Alcoa 27. Table Products & Services of Aleris 28. Table Products & Services of Hulamin 29. Table Products & Services of Constellium 30. Table Products & Services of Novelis 31. Table Products & Services of Norsk Hydro 32. Table Products & Services of Chalco 33. Table Products & Services of Kaiser Aluminum 34. Table Products & Services of Kobelco 35. Table Products & Services of Shandong Hongchuang Aluminum Industry Holding 36. Table Products & Services of Vimetco



37. Table Products & Services of Furukawa-Sky

38. Table Products & Services of AMAG

39. Table Products & Services of KUMZ

40.Table Products & Services of Nippon Light Metal

41. Table Products & Services of GLEICH GmbH

42. Table Products & Services of Alimex

43. Table Products & Services of Nanshan Aluminum

44. Table Products & Services of Mingtai Al

45. Table Products & Services of Alnan Aluminium

46.Table Products & Services of Jingmei Aluminium

47. Table Products & Services of AMCO Metall

48. Table Market Distribution of Major Players

49. Table Global Major Players Sales Revenue (Million USD) 2017-2020e

50. Table Global Major Players Sales Revenue (Million USD) Share 2017-2020e

51.Table Global Aluminum Plates and Sheets Market Forecast (Million USD) by Region 2021f-2026f

52.Table Global Aluminum Plates and Sheets Market Forecast (Million USD) Share by Region 2021f-2026f

53. Table Global Aluminum Plates and Sheets Market Forecast (Million USD) by Demand 2021f-2026f

54. Table Global Aluminum Plates and Sheets Market Forecast (Million USD) Share by Demand 2021f-2026f



List Of Figures

LIST OF FIGURES

1. Figure Global Aluminum Plates and Sheets Market Size under the Impact of COVID-19, 2017-2021f (USD Million) 2. Figure Global Aluminum Plates and Sheets Market by Region under the Impact of COVID-19, 2017-2021f (USD Million) 3. Figure Global Aluminum Plates and Sheets Market by Product Type under the Impact of COVID-19, 2017-2021f (USD Million) 4. Figure Global Aluminum Plates and Sheets Market by Demand under the Impact of COVID-19, 2017-2021f (USD Million) 5. Figure Global Aluminum Plates and Sheets Production by Region under the Impact of COVID-19, 2021-2026 (USD Million) 6. Figure Global Aluminum Plates and Sheets Consumption by Region under the Impact of COVID-19, 2021-2026 (USD Million) 7. Figure Global Aluminum Plates and Sheets Consumption by Type under the Impact of COVID-19, 2021-2026 (USD Million) 8. Figure North America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f 9.Figure Europe Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f 10. Figure Asia-Pacific Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f 11. Figure South America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f 12. Figure Middle East and Africa Market Size (USD Million) 2017-2021f and Year-overyear (YOY) Growth (%) 2018-2021f 13. Figure Aluminum Plates Segmentation Market Size (USD Million) 2017-2021 f and Year-over-year (YOY) Growth (%) 2018-2021f 14. Figure Aluminum Sheets Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f 15. Figure Aerospace Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f 16. Figure Military and Transportation Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f 17. Figure Packaging Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f 18. Figure Building and Construction Segmentation Market Size (USD Million)

2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f



19. Figure Home Appliances and Cookware Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

20.Figure Ships Segmentation Market Size (USD Million) 2017-2021f and Year-overyear (YOY) Growth (%) 2018-2021f

21.Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-overyear (YOY) Growth (%) 2018-2021f

22.Figure U.S. Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

23.Figure Canada Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

24. Figure Mexico Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

25.Figure Aluminum Plates Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

26.Figure Aluminum Sheets Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

27.Figure Aerospace Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

28. Figure Military and Transportation Segmentation Market Size (USD Million)

2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

29. Figure Packaging Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

30. Figure Building and Construction Segmentation Market Size (USD Million)

2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

31.Figure Home Appliances and Cookware Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

32.Figure Ships Segmentation Market Size (USD Million) 2017-2021f and Year-overyear (YOY) Growth (%) 2018-2021f

33. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-overyear (YOY) Growth (%) 2018-2021f

34. Figure Germany Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

35.Figure UK Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

36.Figure France Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

37.Figure Italy Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

38. Figure Rest of Europe Market Size (USD Million) 2017-2021f and Year-over-year



(YOY) Growth (%) 2018-2021f

39. Figure Aluminum Plates Segmentation Market Size (USD Million) 2017-2021 f and Year-over-year (YOY) Growth (%) 2018-2021 f

40.Figure Aluminum Sheets Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

41.Figure Aerospace Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

42.Figure Military and Transportation Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

43. Figure Packaging Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

44. Figure Building and Construction Segmentation Market Size (USD Million)

2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

45.Figure Home Appliances and Cookware Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

46.Figure Ships Segmentation Market Size (USD Million) 2017-2021f and Year-overyear (YOY) Growth (%) 2018-2021f

47.Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-overyear (YOY) Growth (%) 2018-2021f

48.Figure China Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

49.Figure India Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

50.Figure Japan Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

51.Figure South Korea Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

52.Figure Southeast Asia Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

53. Figure Australia Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

54.Figure Rest of Asia Pacific Market Size (USD Million) 2017-2021f and Year-overyear (YOY) Growth (%) 2018-2021f

55.Figure Aluminum Plates Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

56.Figure Aluminum Sheets Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

57.Figure Aerospace Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f



58. Figure Military and Transportation Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f 59. Figure Packaging Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f 60. Figure Building and Construction Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f 61. Figure Home Appliances and Cookware Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f 62. Figure Ships Segmentation Market Size (USD Million) 2017-2021f and Year-overyear (YOY) Growth (%) 2018-2021f 63. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-overyear (YOY) Growth (%) 2018-2021f 64. Figure Brazil Market Size (USD Million) 2017-2021 f and Year-over-year (YOY) Growth (%) 2018-2021f 65. Figure Argentina Market Size (USD Million) 2017-2021 f and Year-over-year (YOY) Growth (%) 2018-2021f 66. Figure Rest of Latin America Market Size (USD Million) 2017-2021f and Year-overyear (YOY) Growth (%) 2018-2021f 67. Figure Aluminum Plates Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f 68. Figure Aluminum Sheets Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f 69. Figure Aerospace Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f 70. Figure Military and Transportation Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f 71. Figure Packaging Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f 72. Figure Building and Construction Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f 73. Figure Home Appli



I would like to order

Product name: Aluminum Plates and Sheets Market Status and Trend Analysis 2017-2026 (COVID-19 Version)

Product link: https://marketpublishers.com/r/A6757EDBD9C5EN.html

Price: US\$ 3,000.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service: info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/A6757EDBD9C5EN.html</u>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name: Last name: Email: Company: Address: City: Zip code: Country: Tel: Fax: Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <u>https://marketpublishers.com/docs/terms.html</u>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970



Aluminum Plates and Sheets Market Status and Trend Analysis 2017-2026 (COVID-19 Version)