



Ethylene Global Market and Trend

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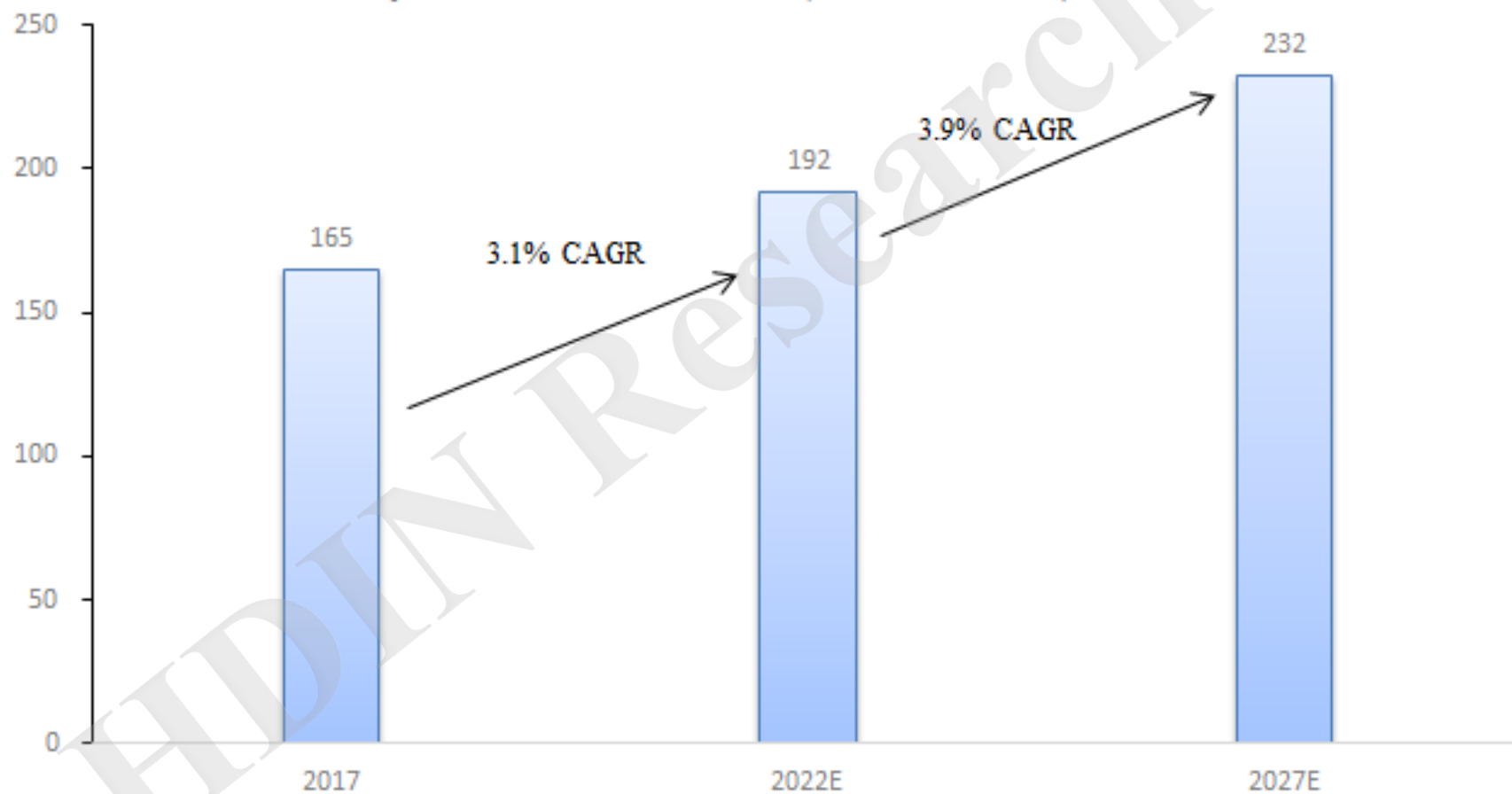
Published at 2022

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Ethylene is an organic compound consisting of two carbon atoms and four hydrogen atoms, with a double bond between the two carbon atoms. Ethylene is a colorless, flammable, and slightly odorous gas that is lighter than air. There are five main ethylene production processes: steam cracking, coal to olefin, methanol to olefin, Fischer-Tropsch synthesis, and refinery tail gas. Steam cracking is the most dominant ethylene production method.

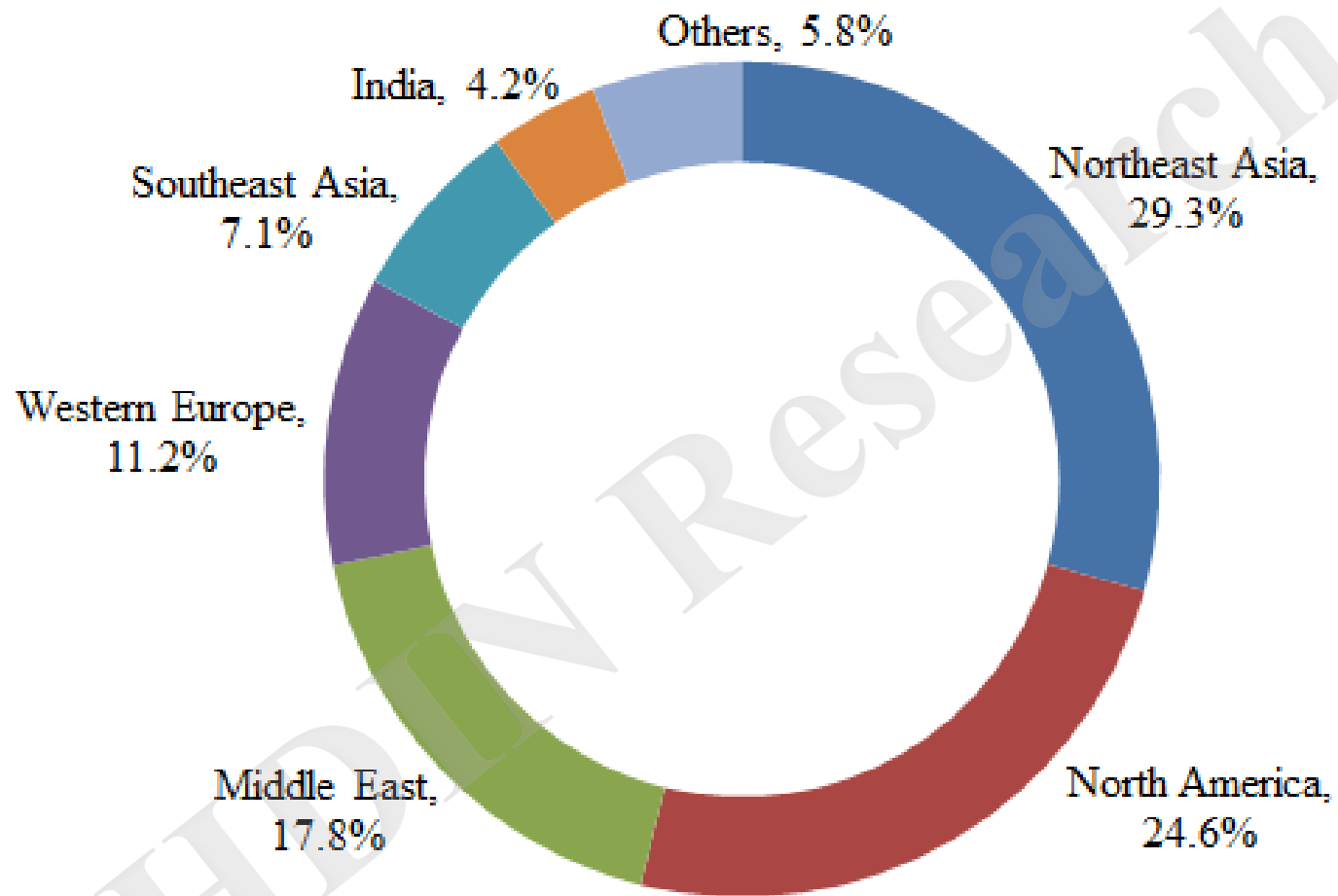
The global ethylene market size was 165 million tons in 2017, growing to 192 million tons in 2022, with a CAGR of 3.1% from 2017 to 2022. As global economic recovery from COVID-19, the global ethylene market size is expected to reach 232 million tons in 2027, with a CAGR of 3.9% from 2022 to 2027.

Global Ethylene Market Size (Million Ton) and CAGR



Northeast Asia, North America, the Middle East and Southeast Asia are the major markets for ethylene consumption market.

Global Ethylene Market Share By Region (2021)



Ethylene is a gas and mainly flows as a commodity in the form of downstream derivatives. Ethylene is the basic chemical raw material for synthetic fiber, synthetic rubber, synthetic plastic, synthetic ethanol. It is mainly used in the manufacture of HDPE, LDPE, LLDPE, ethylene oxide, ethylene glycol, styrene, dichloroethane and PVC.

Global Ethylene Market Share By Application (2021)

