

# Report on the Chinese EV market 2019-2023

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## Abstracts

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New energy, also known as alternative fuels, refers to energy sources outside of traditional sources such as solar energy, geothermal energy, wind power, tidal power, biofuels and nuclear fusion energy. The EV industry is tied closely to new energies and uses non-traditional fuels in an effort to alleviate air pollution and the energy shortages. The EV industry is expected to become a key industry in the near future due to increasing emphasis on green technologies.

Chinese EV production and sales was recorded at XX million and XX million respectively, a XX% and XX% growth over the previous year. BEV production and sales were recorded at XX and XX units. HEV production and sales were recorded at XX and XX units while FCEV production and sales were exactly XX units.

Chinese EV production from 2019 Jan. to Feb. was recorded at XX units and XX units, a XX% and XX% growth over the previous year.

The Chinese EV industry consists of three different stages, with the first stage being 2008-2010 during the pre-industrialization phase where demonstrations were given in larger cities. The second stage which lasted from 2011 to 2015 (the 12th five-year plan period) marked the beginnings of industrialization and saw the introduction of EV public transport, HEV vehicles and smaller EVs. The third stage which is the period between 2016 and 2020 (the 13th five-year plan) saw further penetration of EVs into regular families. Preliminary work for industrialization was completed during the 12th five-year plan period with the 13th five-year plan period being a period of acceleration.

Penetration rates for EVs are expected to increase in the next ten years due to energy and environmental policies limiting the number of traditional vehicles. The Chinese EV

industry has tremendous room for development as proven by the low penetration rates for EVs.

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