

DataPoint

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North America Off-Highway Trucks



1,600

2023 Production Forecast

1,600 units is the estimate by Power Systems Research of the number of Off-Highway Trucks expected to be produced in the United States and Canada in 2023. None of these trucks are electric units.

Unlike On-Road Trucks, Off-Highway Trucks are specifically designed to work in punishing environments and are made to haul material and debris around a work site. These purpose-built vehicles are not constrained by the weight limits of their smaller on-road counterparts.

This information comes from industry interviews and from two proprietary databases maintained by Power Systems Research: **EnginLink™**, which provides information on engines, and **OE Link™**, a database of equipment manufacturers.

Market Share: Caterpillar leads in the production of Off-Highway Trucks in NA with 45% of total units manufactured. In second position is Deere with 42%; third, is Komatsu America with 11%.

Exports: Collectively, up 20% worldwide.

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Trends: In 2022, production of Off-Highway Trucks in North America increased nearly 15% to 1,681 units from 1,465 units produced in 2021. Production is expected to remain flat in 2023 with a slight drop of about 2% to production of slightly more than 1,600 units. The gain in 2022 can be attributed to the growth of mining related activities, especially within the copper and gold segments. The rise is also attributed to construction related demands for heavy equipment for off-highway usage.

Expect production to increase 5% by 2025 as the need for new equipment for mining operations increases. It is speculated that there will be growth in the excavation of iron ore, nickel and bauxite followed by gold and copper.

PSR

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About Power Systems Research

Power Systems Research (PSR), established in 1976, is the leading source of data, analysis and forecasting on the global production of engines and engine-powered equipment, including class 8 vehicles. One of its databases, EnginLink,™ includes production figures down to the model level for OEMs in key market segments, such as commercial vehicles. PSR's global research network includes eight offices and stretches across 200 countries and four continents.



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