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US Collection

Potash: United States

August 2021



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About This Report

Scope

This report forecasts to 2021 and 2025 US potash demand and production in metric tons. Total demand is segmented by product in terms of:

- potassium chloride
- potassium sulfate
- potassium magnesium sulfate
- other products such as potassium nitrate and potassium-sodium-nitrate mixtures

Total demand is also segmented by application as follows:

- fertilizer
- non-fertilizer

To illustrate historical trends, total demand, total production, the various segments, and trade are provided in annual series from 2010 to 2020.

Demand is provided in terms of metric tons of equivalent potassium oxide content, which varies by product type. Potash compounds such as potassium hydroxide and potassium carbonate that are products of potassium chloride are not included in this report. Re-exports of potash are excluded from demand figures.

Key macroeconomic indicators are also provided with quantified trends. Other various topics, including profiles of pertinent leading companies, are covered in this report. A full outline of report items by page is available in the Table of Contents.

Sources

Potash: United States (FF65021) represents the synthesis and analysis of data from various secondary, macroeconomic, and demographic sources, such as:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- intergovernmental and non-governmental organizations
- trade associations and their publications
- the business and trade press
- indicator forecasts by The Freedonia Group
- the findings of other reports and studies by The Freedonia Group

About This Report

Specific sources and additional resources are listed in the Resources section of this publication for reference and to facilitate further research.

Industry Codes

Table 8 | NAICS & SIC Codes Related to Potash

NAICS/SCIAN 2017 North American Industry Classification System		SIC Standard Industrial Classification	
212391	Potash, Soda, and Borate Mineral Mining	1474	Potash, Soda, and Borate Minerals
325180	Other Basic Inorganic Chemical Manufacturing	2812	Alkalies and Chlorine
325311	Nitrogenous Fertilizer Manufacturing	2873	Nitrogenous Fertilizers

Source: US Census Bureau

Freedonia Methodology

The Freedonia Group, a subsidiary of MarketResearch.com, has been in business for more than 30 years and in that time has developed a comprehensive approach to data analysis that takes into account the variety of industries covered and the evolving needs of our customers.

Every industry presents different challenges in market sizing and forecasting, and this requires flexibility in methodology and approach. Freedonia methodology integrates a variety of quantitative and qualitative techniques to present the best overall picture of a market's current position as well as its future outlook: When published data are available, we make sure they are correct and representative of reality. We understand that published data often have flaws either in scope or quality, and adjustments are made accordingly. Where no data are available, we use various methodologies to develop market sizing (both top-down and bottom-up) and then triangulate those results to come up with the most accurate data series possible. Regardless of approach, we also talk to industry participants to verify both historical perspective and future growth opportunities.

Methods used in the preparation of Freedonia market research include, but are not limited to, the following activities: comprehensive data mining and evaluation, primary research, consensus forecasting and analysis, ratio analysis using key indicators, regression analysis, end use growth indices and intensity factors, purchase power parity adjustments for global data, consumer and end user surveys, market share and corporate sales analysis, product lifespan analysis, product or market life cycle analysis, graphical data modeling, long-term historical trend analysis, bottom-up and top-down demand modeling, and comparative market size ranking.

Freedonia quantifies trends in various measures of growth and volatility. Growth (or decline) expressed as an average annual growth rate (AAGR) is the least squares growth rate, which takes into account all available datapoints over a period. The volatility of

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datapoints around a least squares growth trend over time is expressed via the coefficient of determination, or r^2 . The most stable data series relative to the trend carries an r^2 value of 1.0; the most volatile – 0.0. Growth calculated as a compound annual growth rate (CAGR) employs, by definition, only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the expected trend beginning in the base year and ending in the forecast year. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

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Global Salt

Global Salt Mining Equipment

Lawn & Garden Fertilizers

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Agricultural Equipment: United States

Agricultural Pesticides: United States

Cannabis Production: United States

Fertilizers: United States

Field Crop Seeds: United States

Home & Garden Pesticides: United States

Lawn & Garden Consumables: United States

Peat: United States

Perlite & Vermiculite: United States

Phosphate Rock: United States

Salt: United States

Water: United States

Freedonia Custom Research

Trade Publications

Engineering & Mining Journal

ICIS

Industrial Minerals

Pit & Quarry

The Progressive Farmer

The Scoop

Agencies & Associations

The Fertilizer Institute

International Fertilizer Industry Association

New Mexico Mining Association

Saskatchewan Mining Association

United States Department of Agriculture

United States Department of Commerce

 Bureau of Economic Analysis

 United States Census Bureau

United States Geological Survey

United States International Trade Commission