



# Conversion Market Outlook



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## Introduction

The *Conversion Market Outlook* update report is organized as follows:

**Chapter 1** presents our essay entitled “**The Role of Secondary Supplies in Conversion**,” which analyzes the nature of non-produced supplies of conversion, their historical role in the market, and the future outlook for secondary supplies in supplementing primary production of UF<sub>6</sub>. Additional discussion is also provided on the critical interplay of transactional versus operating tails at enrichment plants and the depth of conversion inventories within the commercial marketplace.

**Chapter 2** summarizes the recent contracting activity in the spot and long-term markets and identifies factors in both markets that have influenced contracting over the past year. This section also examines the spot demand outlook over the next two years and the long-term demand outlook.

**Chapter 3** reviews UxC’s proprietary nuclear power forecasts developed in its *Nuclear Power Outlook* (NPO) as well as conversion demand forecasts based off the *UxC Requirements Model* (URM). Note that our latest reactor and demand forecasts, which extend through 2035, include significant updates based on the latest developments in the nuclear power market. This chapter also includes a review of uncovered utility conversion requirements.

**Chapter 4** reviews the primary sources of conversion supply and recent developments associated with each of the suppliers. This section also provides details on various secondary sources that could affect the market.

**Chapter 5** reviews the trends in UxC’s Conversion Market Indicators since the last report and includes a technical analysis of near-term price movements.

**Chapter 6** projects both spot and long-term prices through 2035 for three different scenarios (Mid, High, and Low cases), based on various assumptions for key factors. Additionally, this section includes detailed discussion of the conversion market outlook and analyzes major trends and future developments in the coming two decades.

The report contains two appendices. A historical review and development methodology for the UxC Conversion Market Indicators is presented in **Appendix A**. **Appendix B** contains tables and figures that provide additional and expanded data to those presented in the body of the report. Appendix B’s design allows it to be used as a standard reference source providing both historical and current market data.

### • Conventions Used in the Report

Unless otherwise stated, quantities are given in millions kgU as UF<sub>6</sub> and prices in terms of US\$/kgU as UF<sub>6</sub>. Price forecasts are presented in current (year-of-delivery) U.S. dollars.