Industrial Foundation of Lanzhou

Lanzhou is a time-honored national industrial base of China. Built up during the First Five-Year Plan and the Third-Front Construction campaign, it boasts a complete industrial foundation. Currently, Lanzhou implements the “3+2” Modern Industrial System: advanced manufacturing, urban-oriented modern agriculture, modern service industry, plus digital economy and headquarters-based economy. It fosters the “6+X” advanced manufacturing clusters and the “7+N” modern service clusters. Three national-level industrial parks— Lanzhou New Area, Lanzhou High-Tech Zone and Lanzhou Economic & Technological Development Zone—serve as core industrial carriers.

1. Advanced Manufacturing (“6+X”)

Petrochemical Industry: A key national petrochemical hub. Led by PetroChina Lanzhou Petrochemical Company, supported by Xigu Chemical Park and Fine-Chemical Park in Lanzhou New Area. Million-ton-scale ethylene and new-material projects are underway. The output value of petrochemical industry has exceeded RMB 100 billion. The sector is shifting toward fine chemicals and high-end new materials by “reducing oil output, expanding chemical production and upgrading product portfolio”.

Non-ferrous Metallurgy & Precious Metals: Well-established full-chain advantages in non-ferrous metal smelting, carbon materials and precious metals. Home to leading enterprises such as Fangda Carbon and Jinchuan Group. The gold industrial chain is under accelerated construction. Industries are upgrading toward high-purity metals, high-end alloys and lithium-ion copper foils, with world-leading production capacity for high-performance lithium-battery copper foils.

New Materials: Focus on lithium-battery materials, high-grade copper foil, carbon-based new materials and fine-chemical materials. Lanzhou New Area is building a RMB 100-billion-level new-energy&new-material cluster. Technological breakthroughs have been achieved for ultra-thin lithium-battery copper foil, filling gaps in high-end material manufacturing in Northwest China.

Biomedicine: A nationally important R&D and manufacturing base for biomedicine. Supported by Lanzhou Institute of Biological Products and Lanzhou Veterinary Research Institute, it operates the“366”biomedical industrial system. Human vaccines and animal vaccines enjoy nationwide competitiveness. The sector covers the full spectrum of vaccines, medical devices, TCM and medical aesthetic consumables. More than 200 biomedical enterprises are clustered in Lanzhou High-Tech Zone.

Equipment Manufacturing: Backbone enterprises including LS Group, Lanke Petrochemical Equipment and CRRC Lanzhou Locomotive focus on petroleum drilling equipment, complete petrochemical sets, locomotive manufacturing & maintenance, and high-pressure valves. High-end tracks such as heavy-ion medical equipment and energy-saving & environmental-protection equipment are being expanded.

Data & Information Industry: Developing computing infrastructure, software and digital applications. Digital transformation empowers traditional industries, with industrial revenue exceeding RMB 50 billion.

X—Nurtured Sectors: Multiple RMB 10-billion-level clusters including new energy, aerospace, advanced building materials, environmental protection and food processing are under cultivation.

2. Urban-oriented Modern Agriculture

It develops the “1173” featured agricultural cluster. Core products include Lanzhou lily, Kushui rose, high-land summer vegetables, authentic Chinese medicinal herbs, livestock breeding and specialty fruits. The planting area of featured crops exceeds 1.8 million mu. The total output value of the full agricultural industrial chain surpasses RMB 30 billion. Multiple regional “Ganwei” brand products are available, with strong supply capacity of green and organic agricultural products.

3. Modern Service Industry (“7+N”)

Core sectors cover commerce & logistics, culture-tourism & health care, finance, S&T services, consumption, featured catering and convention-exhibition economy. As a pivotal hub under the Belt and Road Initiative, its total social logistics volume exceeds RMB 1.17 trillion. The full industrial chain of Lanzhou beef noodles generates RMB 80 billion of revenue. Yellow-River-themed cultural tourism, cross-border logistics and headquarters economy are growing rapidly, continuously improving opening-up service capacity.

4. Innovation & Park Carriers

Lanzhou New Area (National-level New Area): Prioritizes new-energy & new-materials, fine chemicals and advanced equipment manufacturing.

Lanzhou High-Tech Zone: Concentrates on biomedicine and digital innovation with dense high-tech enterprises.

Lanzhou Economic & Technological Development Zone: Focuses on equipment manufacturing, new materials and producer services.

Hosting prestigious research institutions such as Lanzhou University and Lanzhou Branch of Chinese Academy of Sciences, Lanzhou has strong capability for research achievement commercialization. It owns 613 industrial enterprises above designated size covering 33 major industrial categories. In 2025, the total output value of industrial enterprises above designated size exceeded RMB 300 billion.

5. Core Advantages

Located on the key corridor of the Silk Road, Lanzhou enjoys sufficient energy supply and complete industrial categories with solid supporting infrastructure inherited from its old-industrial-base legacy. It presses ahead with transformation & upgrading of traditional industries, fosters strategic emerging industries and advances new-quality productive forces.