



Workforce Reinvention **Blueprint**

Healthcare Industry

How AI and Automation will Transform the Workforce Based on ReeJig's Proprietary Work Ontology™ Intelligence

How AI is Reinventing the Healthcare Industry

The Healthcare Industry is a colossal force in the global economy, valued at approximately \$12 trillion in 2022. By 2028, it is forecasted to grow to \$15 trillion.

Top 3 Concerns Facing Healthcare CEOs in 2025

1. Cost Containment and Efficiency
2. Workforce Shortages and Talent Management
3. AI Integration and Digital Transformation

Focus Area 1: Workforce Shifts

Projected Workforce Shifts in 2025 and Beyond

Where AI and Automation Will Drive Operational Effectiveness

1

The Critical Surge in Nurses and Home Care Aides

Demand for nurses and home care aides is set to skyrocket by 20–30% by 2030 as aging populations and chronic illnesses rise.

2

The Rise of Tech-Savvy Health Roles

Health tech infrastructure roles are booming, with demand expected to increase 15–20% by 2030.

3

A Reskilling Revolution in Data and AI

The race is on to upskill healthcare workers in data management and AI, with tech skills now critical for workforce survival.

AI assistant nursing tools can reduce workload by up to 15%, and remote patient monitoring platforms could improve patient reach by up to 20%.

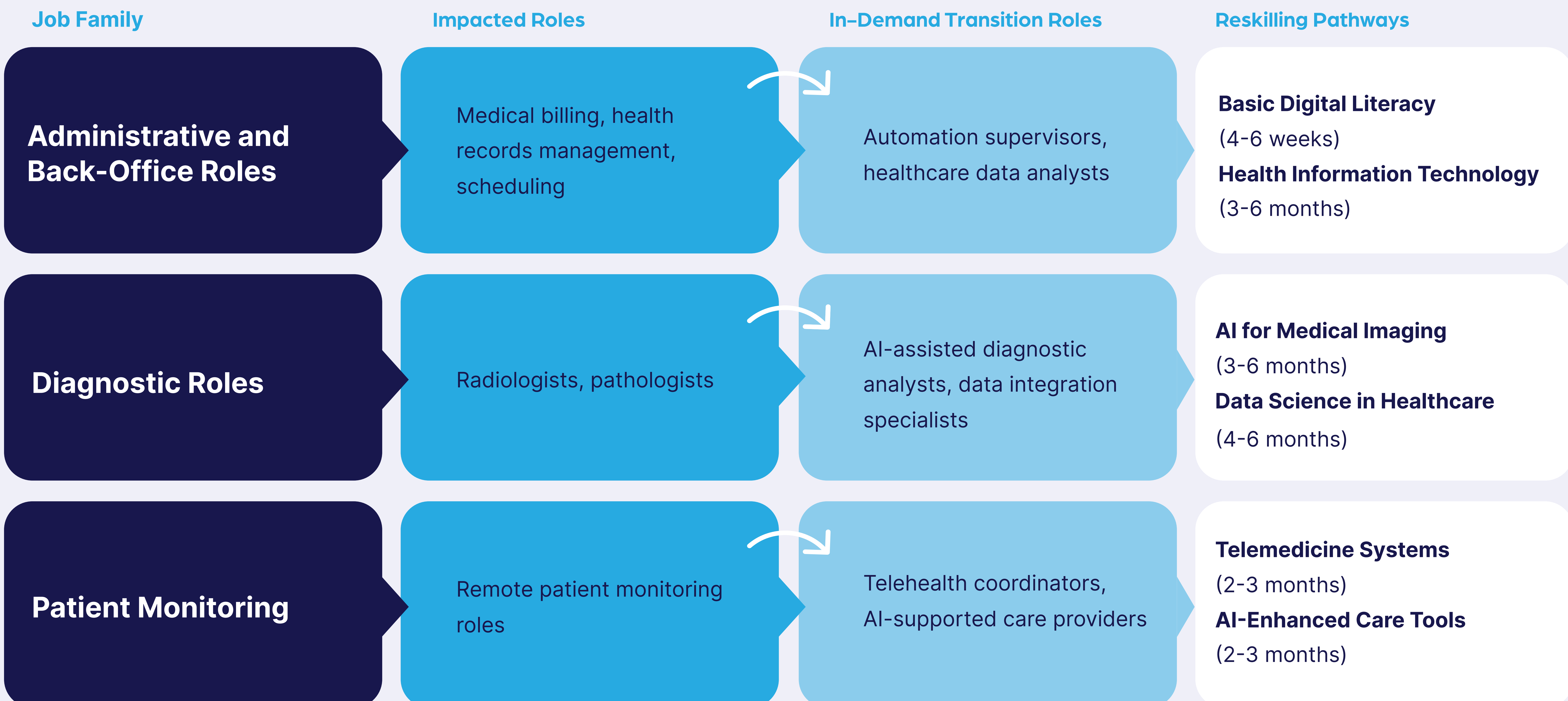
Telemedicine is enabling clinicians to service up to 40% more patients, while secure cloud infra can increase operational efficiency by up to 30%.

AI-powered data systems **boost capacity by 30–40%**, streamlining operations and reducing staffing gaps.

Focus Area 2: Roles Impacted by AI

Key Roles Impacted and Reskilling Pathways for 2025

How Impacted Roles Can Transition to In-Demand Roles



Focus Area 3: Driving Operational Effectiveness

2025 AI Strategies to Boost Operational Effectiveness

Prioritized Roles for AI Transformation based on AI Potential Index, Operational Efficiency Index & Time to Benefit Realization

1

Healthcare Administrative Staff

Administrative tasks like billing, scheduling, and records management are highly repetitive, making them ideal for AI and RPA-driven automation.

With an AIPI of 2.38 and an OEI of 72%, automating routine administrative tasks also presents a strong case for investment, especially for short-term efficiency gains.

AI Potential Index (AIPI) Score: 2.38
Breakdown: Potential Automation Proportion: 70%, AI Maturity/Risk Adjustment: 0.85, Current Automation Proportion: 25%

Operational Efficiency Index (OEI) Score: 72%
Breakdown: Time Savings: 35%, Cost Savings: 25%, Process Improvement Factor: 1.2

Time to Benefit Realization: Short-Term (0-6 months)
For basic automation in billing and scheduling.

2

Diagnostic Radiologists

AI-assisted diagnostic tools can significantly reduce radiologists' workloads, especially for routine image analysis, while enhancing diagnostic accuracy.

With an AIPI of 3.75 and an OEI of 84%, AI-assisted diagnostics is a top priority for investment. The high potential for time savings and accuracy improvements makes this role critical for transformation in healthcare.

AI Potential Index (AIPI) Score: 3.75
Breakdown: Potential Automation Proportion: 50%, AI Maturity/Risk Adjustment: 0.75, Current Automation Proportion: 10%

Operational Efficiency Index (OEI) Score: 84%
Breakdown: Time Savings: 40%, Cost Savings: 20%, Process Improvement Factor: 1.4

Time to Benefit Realization: Medium-Term (6-18 months)
For AI integration into routine diagnostic tasks.