

Medical Equipment Failure & Reliability Chart

Equipment Category	Avg. Failure Rate (Annual)	Primary Failure Vector	Avg. Downtime (Days/Incident)	Reliability Tier
Imaging (MRI/CT)	12%	Power Fluctuations / Cooling	3.4	Low-Frequency / High-Impact
Life Support (Ventilators)	18%	Sensor Failure / Battery Decay	1.8	Critical / High-Maintenance
Patient Monitors	24%	Connector/Lead Wear & Tear	0.5	High-Frequency / Operational
Infusion Pumps	31%	User Error / Software Glitches	1.2	Highest Failure Volume
Surgical Robots	7%	Software / Calibration Drift	2.1	Emerging Risk
Laboratory Analyzers	15%	Reagent Contamination / Mechanical	1.5	Mid-Tier Reliability