EXECUTIVE SUMMARY

The Nevada Cancer Registry (NCCR) needed help: they had a huge backlog of records, did not have a registrar, and needed to obtain Gold Standard (the highest national designation for a state registry). QuantummMark was hired by the State to fill in the gap until a registrar was hired, and in less than a year cleared the backlog and implemented a new electronic registry system that used cutting edge technology to sort and process records. We also brought the NCCR to Gold Standard before a new registrar was hired.

NEVADA CENTRAL CANCER REGISTRY

CHALLENGES

Managing a 4-year project with major changes (3 switches in management), addressing problems like infrastructure deficiencies, technology implementation, etc., and ensuring the solution created provided continued improvements once Gold Status was reached. Plus, making sure everything was in compliance with rules laid out by the NCCR, HIPPA, and NAACCR.

SOLUTIONS

QuantumMark created an implementation plan for a new central registry software and reporting system, and trained individuals on best practices. Additionally, we developed a quality improvement plan that included such elements as: building a capacity plan to allocate resources, developing goals, implementing new tools/protocols, system monitoring, and audits.

RESULTS

QuantumMark helped the NCCR achieved Gold Status within the first year, which the registry maintained for several years after the contract ended. QuantumMark also served as registrar for the NCCR after they lost theirs, and sustained project moment so all goals were met on time. The new central registry software we implemented utilized artificial intelligence to automatically read pathology reports and select those that indicated cancer, greatly improving the quality and timeliness of the data, and therefore saving countless lives. Additionally, our success with the NCCR improvement plan and Gold Status established QuantumMark in the health field, and paved the way for many future projects.