

Unlocking the power of clinical data registries: the hidden challenges of data abstraction.

Carta Healthcare's Summer 2024 survey reveals a troubling paradox: while clinicians view registries as vital for quality and process improvement, the burdensome task of manual data abstraction is pushing these professionals to their limits. The survey highlights widespread dissatisfaction among clinical data abstractors, who are calling for automation to ease their workload and support the essential role they play in advancing healthcare quality.

FUELING THE BLAZE: DATA ABSTRACTION INTENSIFIES THE HOSPITAL LABOR CRISIS

Clinical data abstractors are increasingly dissatisfied with their roles. A recent survey reveals that the primary challenges they face include 'hunting for multiple sources to find data' and dealing with the overwhelming 'volume of data to be abstracted.' Unsurprisingly, more than half their time is consumed by tedious manual data entry and extraction, fueling their frustration and highlighting a critical need for streamlined processes and automation.

60% of healthcare workers say they are **"neutral, dissatisfied or very dissatisfied,"** with their current role as a clinical data abstractor.

58% of healthcare workers responded by saying more than half their time is manual data entry and abstraction.

50% of healthcare workers say the most challenging part of their job is hunting for multiple sources to find data and the volume of data to be abstracted.

66% of respondents feel **"neutral, negative or very negative,"** about manual data abstraction tasks.



These survey results further demonstrate that clinical data abstractors' time, skills, and experience are being **wasted on manual data harvesting and entry when they could instead be applied to data-driven patient care.**

It is also clear that these clinicians are eager to embrace automated data abstraction methods that deliver superior results faster at an overall lower cost to the organization.

BRENT DOVER
CEO of Carta Healthcare

EAGER FOR TECHNOLOGY

Although many of the survey findings are cause for concern, results indicate that many data abstractors were **receptive to adopting technology that would automate data abstraction and entry into registries**, reducing their burden while enabling greater productivity in less time.



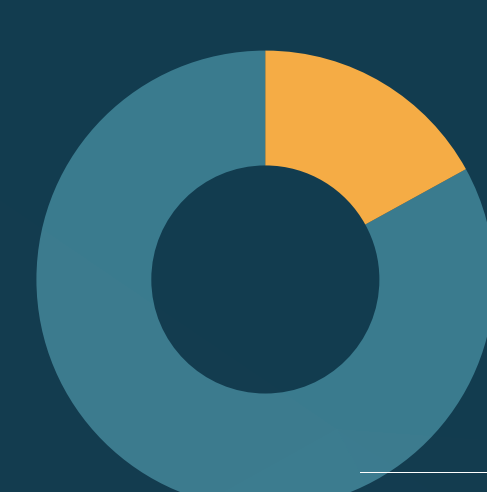
45%

believe automated tools would make abstraction faster for their organization



30%

believe automated tools would improve data quality for their organization



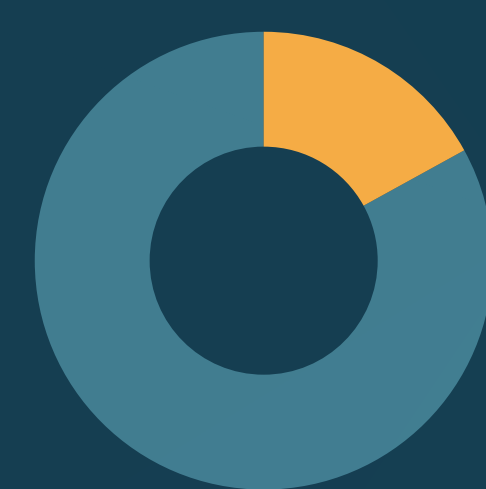
20%

believe automated tools would reduce the costs of abstraction for their organization



28%

believe transitioning to automated abstraction methods would make abstraction faster



20%

believe transitioning to automated abstraction methods would improve data quality



20%

believe transitioning to automated abstraction methods would reduce manual data entry

CLINICAL REGISTRY DATA: THE BEDROCK OF HEALTHCARE IMPROVEMENT

Other findings in the survey revealed that clinical data abstractors are aware of data, quality reports, analytic features, and other research from registry sponsors. Yet, concerningly, slightly over one-third lack access to the tools, and half utilize them only once a year or never, **indicating a continued waste of time and workflow inefficiency for these skilled clinical professionals.**

75%

of respondents use clinical registry data for quality and process improvements

33%

of respondents said clinical registry data would **primarily be used for quality and process improvements**

80%

of respondents said they are **aware** that registry sponsors **provide data, quality reports, analytic tools and other research related to registry data collection**

38%

of respondents said they use these tools daily

50%

of respondents said **physicians** are those who most often use clinical registry data within an organization



45%

of respondents are satisfied with the data and tools available through the registry sponsors

50%

of respondents said data accuracy is the primary obstacle when using clinical registry data