



Vila Health™

Data Analysis

- [Introduction](#)
- [Email from Sienna Pope](#)
- [Hospice Adverse Event Data 2014-2015](#)
- [Interviews with Stakeholders](#)
- [Email Response to Sienna Pope](#)
- [Conclusion](#)
- [Credits](#)

Introduction

Quality improvement initiatives are a critical tool in the ongoing effort to improve patient care at health care organizations. But without data, many QI initiatives would fail — or the problem behind them might never be detected. That's why data, and the dashboards that present data in a comprehensible fashion, are essential for QI efforts to succeed.

In this activity, you will assume the role of a quality assurance analyst at St. Anthony Medical Center. You will be offered both a dataset that you can use to outline a quality improvement initiative, and input from stakeholders who can help you contextualize the data.

Educational Goals

After completing the activity, you will be prepared to:

- Analyze data to identify a health care issue or area of concern.
- Outline a QI initiative proposal based on a selected health issue and supporting data analysis.
- Integrate interprofessional perspectives to lead quality improvements in patient safety, cost effectiveness, and work-life quality.

Email from Sienna Pope

QI Data For You

From: Sienna Pope, Director of Medical Support Services

To: Kassie Avant

Kassie,

Hi! I heard through word of mouth that you were looking for some possible areas of improvement in the hospital. I've got some data from SAMC's in-home hospice program that might be useful.

I realize that you may not be familiar with the hospice program, so I also set up some meetings with a few people with a stake in the program. I'm hoping they can give you some context for the data you're looking at.

Let me know if you need anything!

Sienna Pope,
Director of Medical Support Services

Hospice Adverse Event Data 2014-2015

Per Vila Health policy, these figures include near misses as well as events that resulted in some level of harm or potential harm to the patient. This is a summary of the data; a downloadable spreadsheet that provides all the data you will need for your presentation is also available below.

Unit - Year	LOS Less than 7 Days	IPU Admission	Pain Level 7-10 More than 24 Hours	Inadequate Symptom Relief More than 24 Hours
Hospice 2014	50	47	13	13
Hospice 2015	46	27	17	22

[Download XLS](#)

Interviews with Stakeholders

Here is a list of stakeholders that you had the opportunity to interview.

Roger Goldenberg
Director of Hospice Services
Jackie Sandoval
Chief Nursing Officer
David Brooks
Quality Assurance Director

Owen Welch
CFO

Content of this section depends on choices made during the scenario. Complete at least one attempt of the scenario to see your choices reflected here.

Email Response to Sienna Pope

QI Data For You

From: Sienna Pope, Director of Medical Support Services

To: Kassie Avant

I hope you got what you needed from Jackie, David, Roger, and Owen. Can you send me an email and let me know what your initial thoughts are? It doesn't have to be anything formal, just your ideas about what the data suggest, and whether there are any QI initiatives that you would recommend based on what you're seeing. If there are, make sure you explain how the initiatives you recommend might affect the different roles on the hospice team.

Thanks!
— Sienna

Your reply to Sienna's email should summarize what you've learned during this activity. It might also be helpful to articulate any questions or research you plan to do. The reply will be available in your activity log and can be used as a pre-writing activity for the unit assignment.

Content of this section depends on choices made during the scenario. Complete at least one attempt of the scenario to see your choices reflected here.

Conclusion

Having met with some stakeholders, you should now have a solid understanding of what the data you gathered is telling you. You should be able to use this information to complete your assignment in the course.

Credits

Subject Matter Expert:
Marylee Bressie

Interactive Design:
Lori Olson, Estelle Domingos, Mark Bune, Marc Ashmore

Interactive Developer:
Peter Hentges

Instructional Design:

Stephen Sorenson

Media Instructional Design:

Holly Dolezalek

Project Management:

Nakeela Hall

Licensed under a [Creative Commons Attribution 3.0 License](#).