

Appendix C - Descriptive Analysis

A detailed descriptive analysis of the Hazard Manager was conducted in a two-step-process:

- The first step was to determine how often each question in the Hazard Manager was answered, skipped by the user or skipped by the system out of 495 (the total number of hazards). A system skip was defined as the rendering of a question and set of answers moot, as the result of a user selecting a certain answer in a higher-order question. For example, when the user indicated that patient harm did not occur, the patient harm scale in the Hazard Manager then became moot (skipped by the system).
- The second step was to determine how often each answer choice for a particular question was selected when the question was not skipped. The denominator is smaller for these lower-order questions, due to the skip logic of the higher order questions.

The results of this two-step descriptive analysis can be found in a series of tables in the pages to follow. The first step of the descriptive analysis, determining how often each question in the Hazard Manager was answered, can be found in the left-most column of each table. The second step of the descriptive analysis, determining how often each answer choice for each question was selected when the questions was not skipped, can be found in the columns to the right of each question.

To understand whether variation existed by study site, the question and answer most frequently selected on each screen of the Hazard Manager was graphed by test site. The total number of hazards contributed by a test site was used as the denominator for each bar on each graph. The graphs for each screen of the Hazard Manager can be found directly after their corresponding descriptive analysis tables.

Table: Discovery Page – Results of Descriptive Analysis

| Discovery Page Question | Answer Choice | Selected |
|--|---|------------------|
| <p>When was the Hazard Discovered?</p> <p>Selected: 67.7% (n=335) User Skipped: 32.3% (n=160) System Skipped: n/a</p> | <p>Out of 335 hazards with “When was the Hazard Discovered?” answered, the following options were selected: (Only one selection possible)</p> | |
| | Calendar Date | 100% (n=335) |
| | Calendar Time | 3.9% (n=13) |
| <p>Who Discovered the Hazard?</p> <p>Selected: 93.7% (n=464) User Skipped: 6.3% (n=31) System Skipped: n/a</p> | <p>Out of 464 hazards with “Who Discovered the Hazard?” answered, the following options were selected: (Only one selection possible)</p> | |
| | End User | 57.8% (n=268) |
| | Local IT | 13.2% (n=61) |
| | Medical Records | 1.9% (n=9) |
| | Safety Personnel | 2.4% (n=11) |
| | Patient of Caregiver | 1.9% (n=9) |
| | HIT Vendor | 18.5% (n=86) |
| | 3 rd -Party Content Vendor | 0.2% (n=1) |
| | Researcher | 0.4% (n=2) |
| | Regulator | 0.2% (n=1) |
| | Other | 3.5% (n=16) |

Table: Discovery Page – Results of Descriptive Analysis

| Discovery Page Question | Answer Choice | Selected |
|--|--|------------------|
| Was the Hazard associated with a shift change? Selected: 69.9% (n=346) User Skipped: 30.1% (n=149) System Skipped: n/a | Out of 346 hazards with “Was the Hazard Associated with a Shift Change?” answered, the following options were selected: (Only one selection possible) | |
| | Yes | 2.0% (n=7) |
| | No | 98% (n=399) |
| Which Shift? Selected: 0.6% (n=3) User Skipped: 0.8% (n=4) System Skipped: 98.6% (n=488) | Out of 3 hazards with “Which Shift?” answered, the following options were selected: (Only one selection possible) | |
| | First-to-Second Shift | 33.3% (n=1) |
| | Second-to-Third Shift | 66.7% (n=2) |
| | Third-to-First Shift | 0 |
| Stage of Discovery? Selected: 88.5% (n=438) User Skipped: 11.5% (n=57) System Skipped: n/a | Out of 438 hazards with “Stage of Discovery?” answered, the following options were selected: (Multiple selections possible) | |
| | Software Specification | 0.9% (n=4) |
| | Vendor Programming | 1.6% (n=7) |
| | Customer Configuration | 0.9% (n=4) |
| | Customer Programming | 0.2% (n=1) |
| | Testing | 7.5% (n=33) |
| | Training | 0.9% (n=4) |
| | Go-Live | 1.6% (n=7) |
| | Production Use | 88.8% (n=389) |
| | Upgrade | 5.5% (n=24) |

Table: Discovery Page – Results of Descriptive Analysis

| Discovery Page Question | Answer Choice | Selected |
|--|---|------------------|
| How long has the hazard existed in the system? Selected: 35.6% (n=176) User Skipped: 64.4% (n=319) System Skipped: n/a | Out of 176 hazards with “How long has the Hazard Existed in the System?” answered, the following options were selected: (Open text fields; only one selection possible) | |
| | Hours | 11.4% (n=20) |
| | Days | 24.4% (n=43) |
| | Months | 67% (n=118) |
| How was the Hazard Discovered? Selected: 83.4% (n=413) User Skipped: 16.6% (n=82) System Skipped: n/a | Out of 413 hazards with “How was the Hazard Discovered?” answered, the following options were selected: (Only one selection possible) | |
| | Prospective Risk Analysis | 2.2% (n=9) |
| | Usability Testing | 8.5% (n=35) |
| | Electronic Report | 0.2% (n=1) |
| | Error Log | 0.7% (n=3) |
| | Chart Review | 1.9% (n=8) |
| | End-User Report | 66.1% (n=273) |
| | Patient Report | 1.0% (n=4) |
| | Retrospective Analysis | 8.2% (n=34) |
| | Other | 11.1% (n=46) |

Table: Discovery Page – Results of Descriptive Analysis

| Discovery Page Question | Answer Choice | Selected |
|--|--|------------------|
| <p>How was the Hazard Published?</p> <p>Selected: 92.5% (n=458) User Skipped: 7.5% (n=37) System Skipped: n/a</p> | <p>Out of 458 hazards with “How was the Hazard Published?” answered, the following options were selected: (Multiple selections possible)</p> | |
| | Internal Report | 83.8% (n=385) |
| | Sent to HIT Vendor | 12.5% (n=57) |
| | 3 rd -Party Content Vendor Communication | 2.4% (n=11) |
| | User Group Communication | 0.9% (n=4) |
| | Published Report | 1.3% (n=6) |
| | Received from HIT Vendor | 19.2% (n=88) |

Table: Discovery Page – Results of Descriptive Analysis

In an effort to understand whether variation existed between test sites in terms of selecting Discovery options, Discovery options most frequently selected in the Hazard Manager were graphed by test site using the total number of hazards within a site as the denominator.

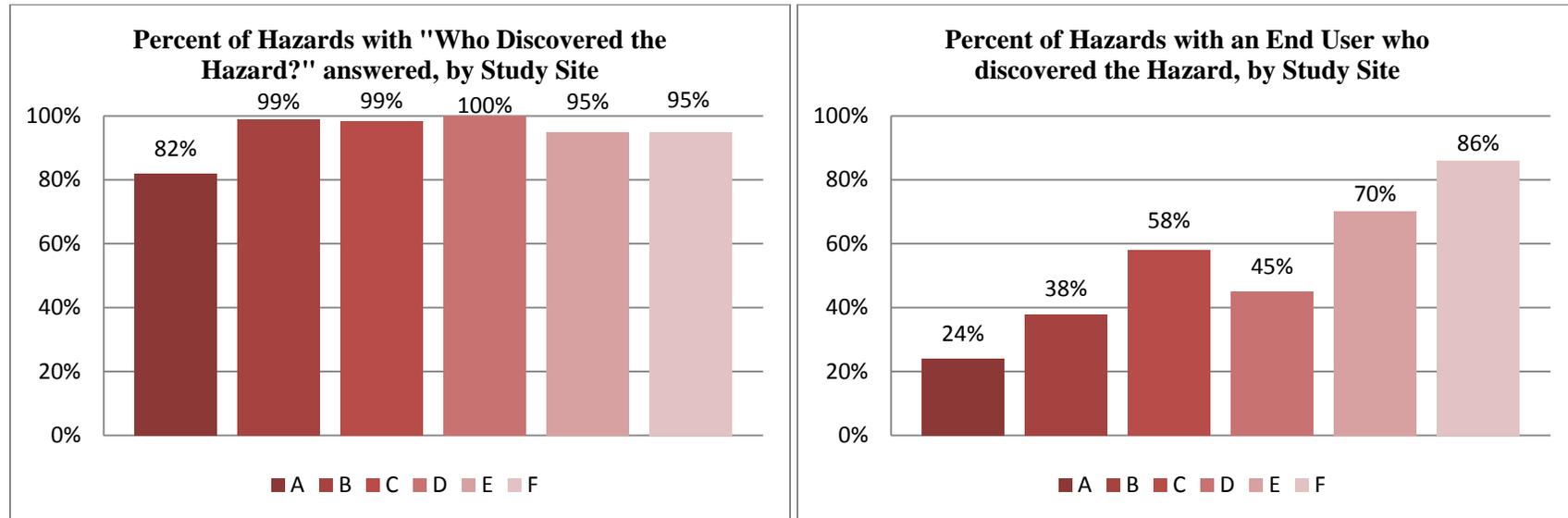


Table: Causation Pages – Results of Descriptive Analysis

| Causation Category | Factor | Selected |
|--|---|-----------------|
| <p>Usability</p> <p>Selected: 49.7% (n=246) User Skipped: 50.3% (n=249) System Skipped: n/a</p> | <p>Out of 246 hazards with Usability, the following factors were selected: (Multiple selections possible)</p> | |
| | Difficult Information Access | 29.7% (n=73) |
| | Difficult Data Entry | 23.6% (n=58) |
| | Excessive Demands on Human Memory | 10.2% (n=25) |
| | Confusing Information Display | 28.5% (n=70) |
| | Inconsistent Information Display | 28% (n=69) |
| | Mismatch between HIT function and clinical reality | 28% (n=69) |
| | Inadequate or Confusing Feedback to User | 23.2% (n=57) |
| | Electronics-induced Credulity (excessive trust) | 3.7% (n=9) |
| | Other | 3.7% (n=9) |

Table: Causation Pages – Results of Descriptive Analysis

| Causation Category | Factor | Selected |
|--|---|-----------------|
| Data Quality Selected: 26.3% (n=130) User Skipped: 73.7% (n=365) System Skipped: n/a | Out of 130 hazards with Data Quality, the following factors were selected: (Multiple selections possible) | |
| | Incorrect patient information | 43.1% (n=56) |
| | Information linked to the wrong patient | 22.3% (n=29) |
| | Faulty reference information | 13.1% (n=17) |
| | Miscalculation of a result by (HIT software) | 3.1% (n=4) |
| | Lost Data | 30.8% (n=40) |
| | Inaccurate Natural Language Processing | 0 |
| | Other | 11.5% (n=15) |
| Clinical-Decision Support Selected: 16.2% (n=80) User Skipped: 83.8% (n=415) System Skipped: n/a | Out of 80 hazards with Clinical-Decision Support, the following factors were selected: (Multiple selections possible) | |
| | Faulty Recommendation | 20% (n=16) |
| | Missing Recommendation | 56.3% (n=45) |
| | Clinical Content Inadequate | 8.8% (n=7) |
| | Decision-Engine Logic Inadequate | 7.5% (n=6) |
| | Inappropriate level or automation | 16.3% (n=13) |
| | Other | 7.5% (n=6) |

Table: Causation Pages – Results of Descriptive Analysis

| Causation Category | Factor | Selected |
|--|---|--------------------------|
| <p>Software Design</p> <p>Selected: 52.1% (n=258) User Skipped: 47.9% (n=237) System Skipped: n/a</p> | <p>Out of 258 hazards with Software Design, the following factors were selected: (Multiple selections possible)</p> | |
| | <p>Faulty vendor implementation/configuration recommendation</p> | <p>16.7% (n=43)</p> |
| | <p>Inadequate clinical content (including 3rd-party)</p> | <p>3.1% (n=8)</p> |
| | <p>Unusable in software-implementation tools</p> | <p>0.4% (n=1)</p> |
| | <p>Sub-optimal interfaces between applications</p> | <p>16.3% (n=42)</p> |
| | <p>Unnecessary/unauthorized sharing of PHI</p> | <p>1.2% (n=3)</p> |
| | <p>Non-configurable software</p> | <p>1.9% (n=5)</p> |
| | <p>Faulty Design</p> | <p>73.3% (n=189)</p> |
| | <p>Other</p> | <p>2.3% (n=6)</p> |
| <p>Implementation</p> <p>Selected: 9.1% (n=45) User Skipped: 90.9% (n=450) System Skipped: n/a</p> | <p>Out of 45 hazards with Implementation, the following factors were selected: (Multiple selections possible)</p> | |
| | <p>Inadequate software change control</p> | <p>40% (n=18)</p> |
| | <p>Inadequate project management</p> | <p>24.4% (n=11)</p> |
| | <p>Inadequate control of user access</p> | <p>17.8% (n=8)</p> |
| | <p>Unpredictable elements of the patient's record available only on paper/scanned documents</p> | <p>11.1% (n=5)</p> |
| | <p>Other</p> | <p>24.4% (n=11)</p> |

Table: Causation Pages – Results of Descriptive Analysis

| Causation Category | Factor | Selected |
|--|--|----------------|
| <p>Hardware</p> <p>Selected: 2.6% (n=13) User Skipped: 97.4% (n=482) System Skipped: n/a</p> | <p>Out of 13 hazards with Hardware, the following factors were selected: (Multiple selections possible)</p> | |
| | Insufficient user hardware | 7.7% (n=1) |
| | User hardware poorly located | 7.7% (n=1) |
| | User hardware not working or malfunctioning | 46.2% (n=6) |
| | Back-end hardware failure | 23.1% (n=3) |
| | Slow HIT response | 23.1% (n=3) |
| | Other | 30.8% (n=4) |
| <p>Other User Factors</p> <p>Selected: 17% (n=84) User Skipped: 83% (n=411) System Skipped: n/a</p> | <p>Out of 84 hazards with Other Use Factors, the following factors were selected: (Multiple selections possible)</p> | |
| | Fatigue | 2.4% (n=2) |
| | Lack of professionalism | 6% (n=5) |
| | Unforced User Error | 94% (n=79) |

Table: Causation Pages – Results of Descriptive Analysis

| Causation Category | Factor | Selected |
|--|---|-----------------|
| Other Organizational Factors Selected: 26.5% (n=131) User Skipped: 73.5% (n=364) System Skipped: n/a | Out of 131 hazards with Other Organizational Factors, the following factors were selected: (Multiple selections possible) | |
| | Inadequate training infrastructure | 32.1% (n=42) |
| | Excessive workload (including cognitive) | 15.3% (n=20) |
| | Inadequate change management | 7.6% (n=10) |
| | Compromised communication among clinicians | 16% (n=21) |
| | Care processes poorly defined | 19.1% (n=25) |
| | Unclear policies | 10.7% (n=14) |
| | Interactions with other (non-HIT) care systems | 9.2% (n=12) |
| | Loss of pre-existing safeguards | 11.5% (n=15) |
| | Virus or other malware | 0 |
| | Security Breach | 0.8% (n=1) |
| | Other | 18.3% (n=24) |

Table: Causation Pages – Results of Descriptive Analysis

In an effort to understand whether variation existed between test sites in terms of selecting Causation factors, Causation factors most frequently selected in the Hazard Manager were graphed by test site using the total number of hazards within a site as the denominator.

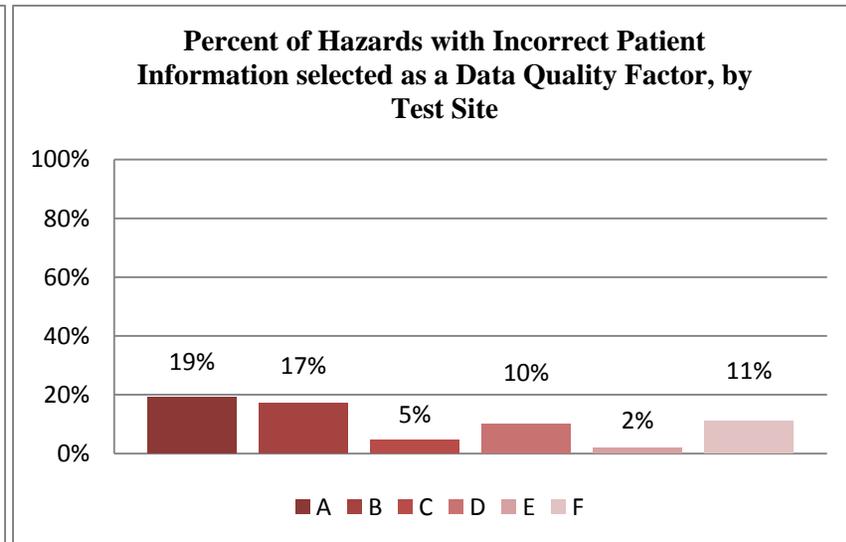
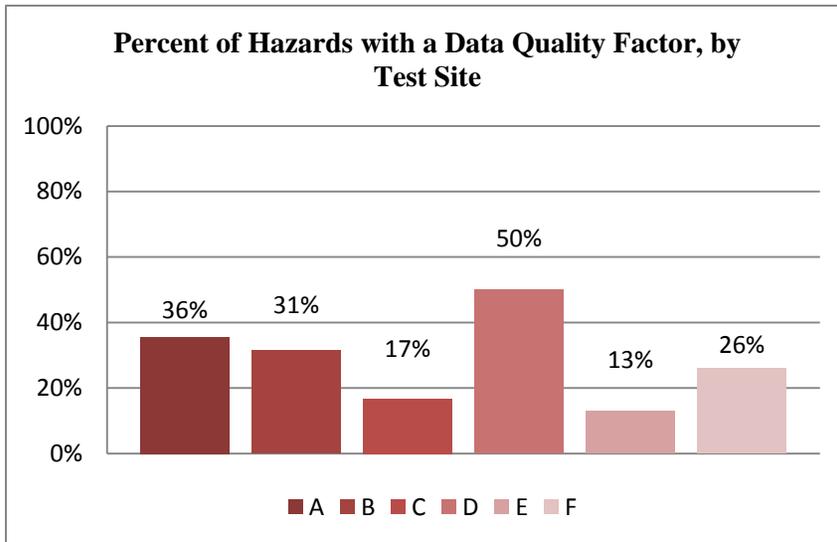
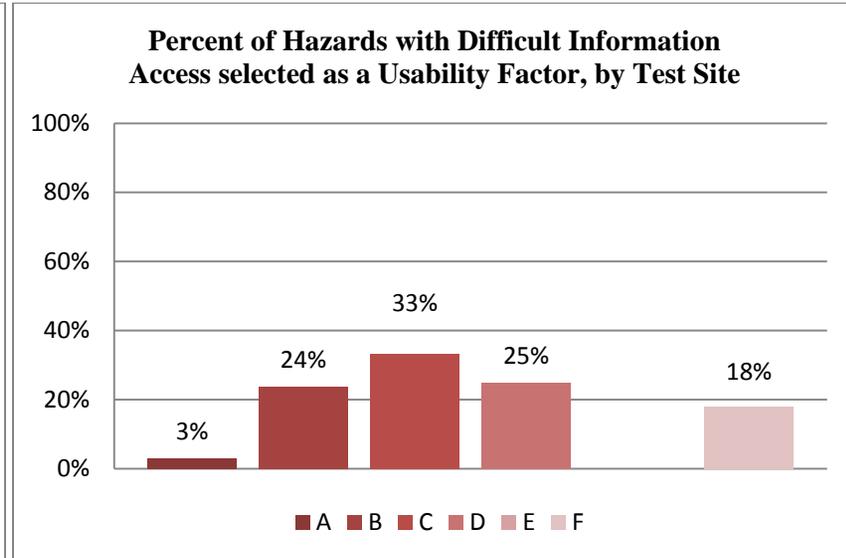
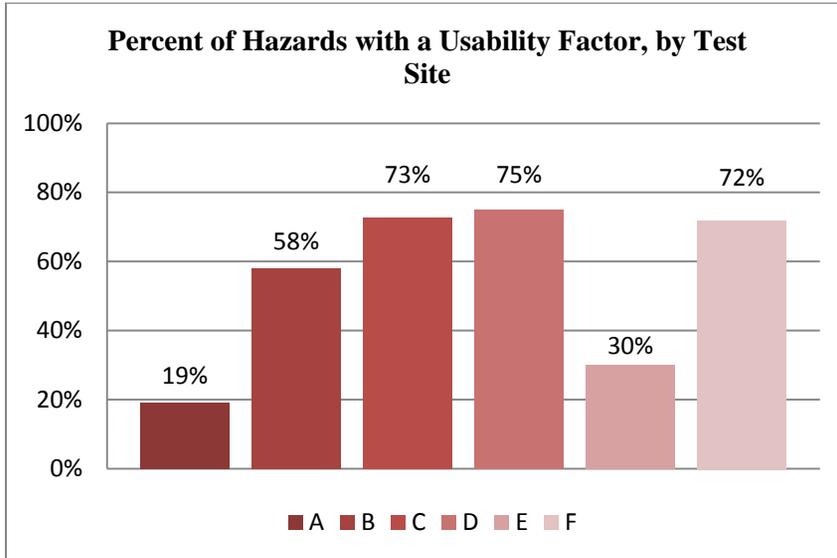


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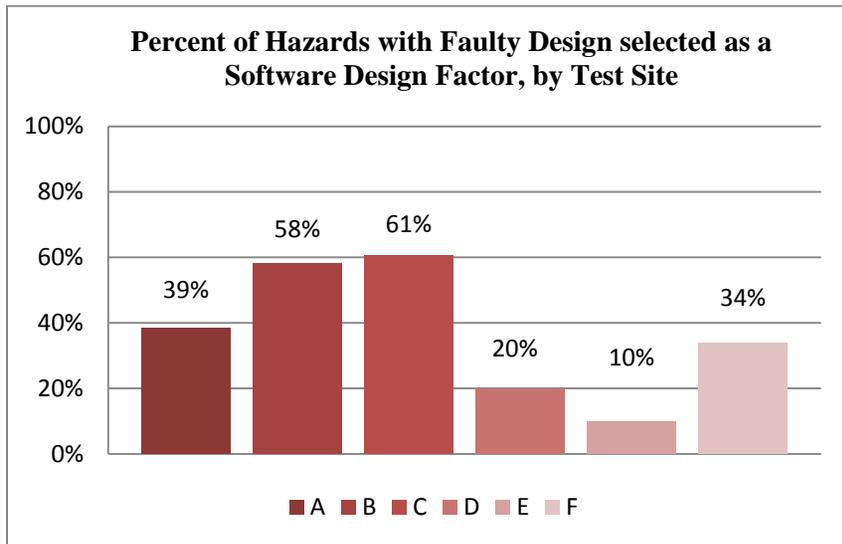
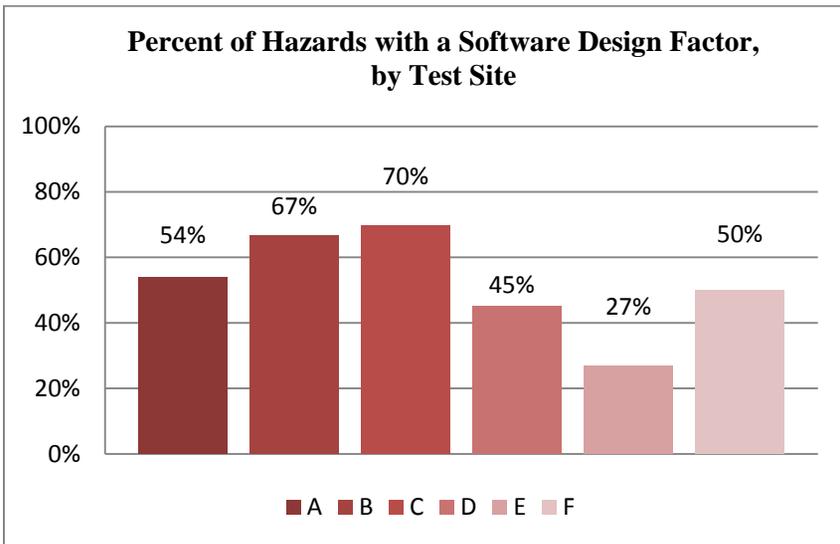
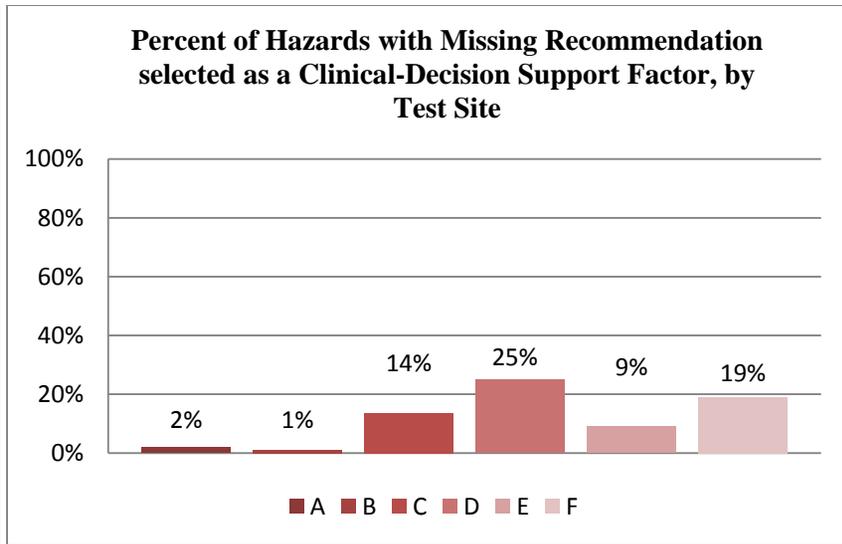
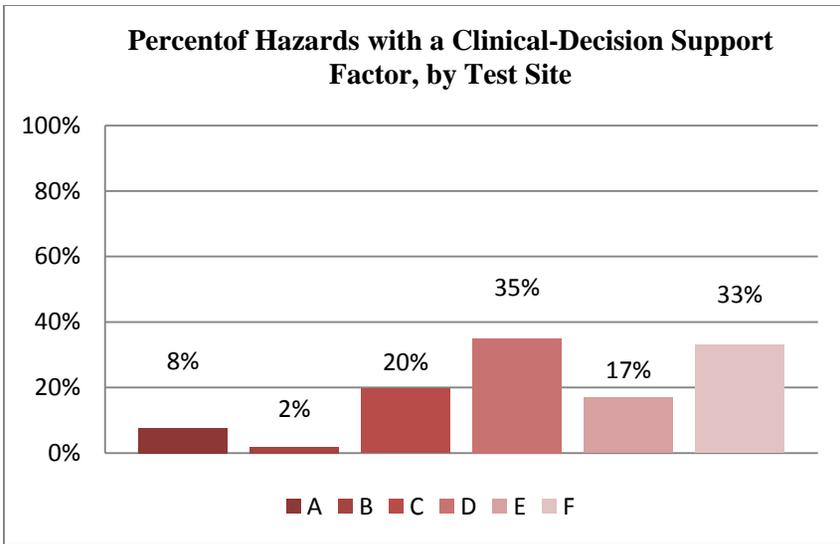


Table: Causation Pages – Results of Descriptive Analysis

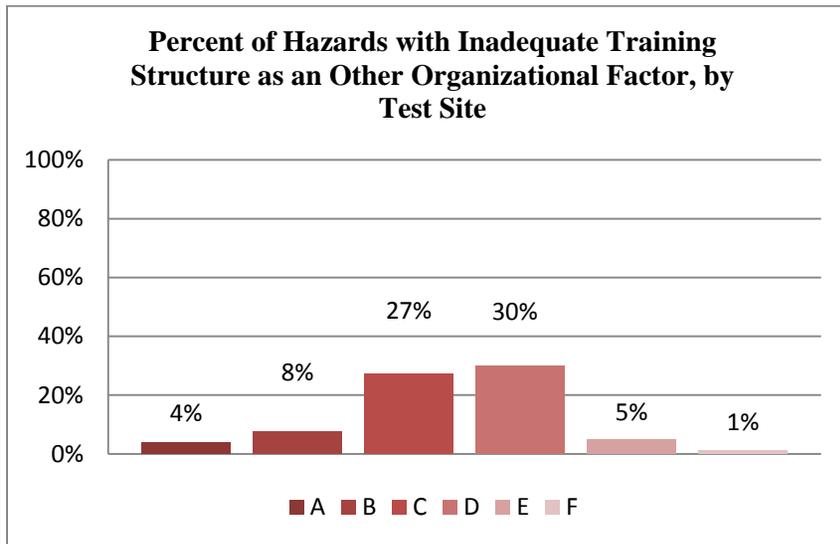
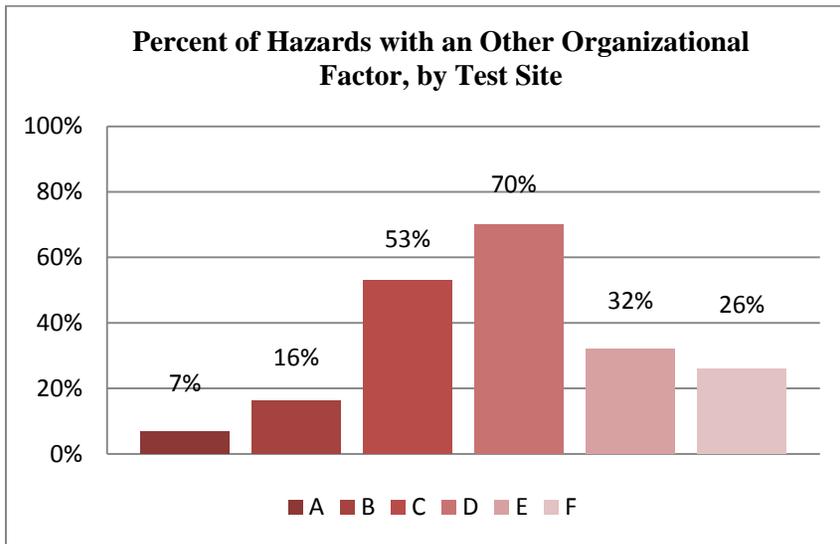
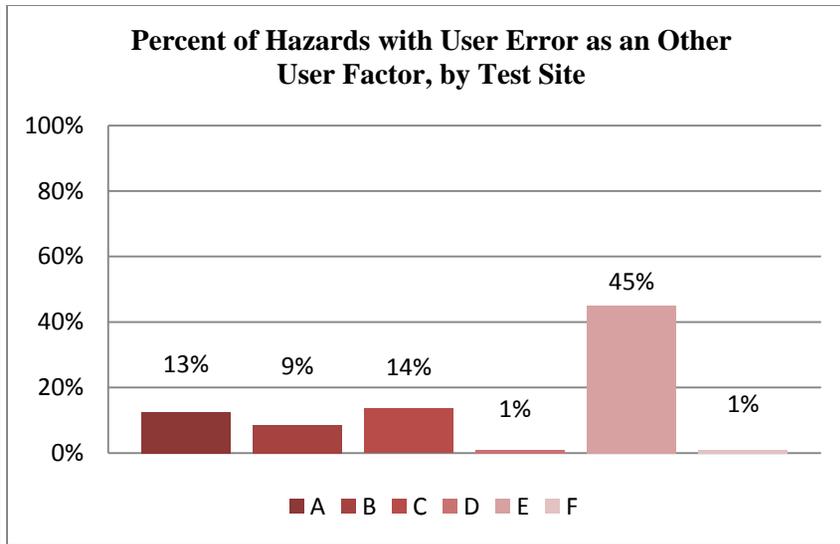
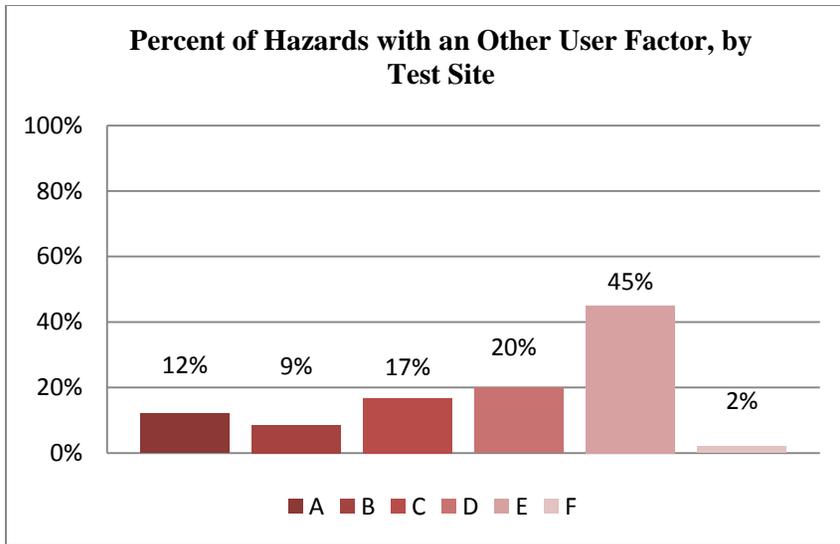


Table: Impact Page – Results of Descriptive Analysis

| Impact Question | Answer | Selected |
|---|--|------------------|
| <p>Risk of care-process compromise:</p> <p>Selected: 97% (n=480) User Skipped: 3% (n=15) System Skipped: n/a</p> | <p>Out of 480 hazards with “Risk of care-process compromise” indicated, the following options were selected: (Only one selection possible)</p> | |
| | Ruled Out Definitively | 10.4% (n=50) |
| | Low Likelihood | 28.1% (n=135) |
| | Moderate Likelihood | 17.9% (n=86) |
| | High Likelihood | 9.2% (n=44) |
| | Has Occurred – Here | 31.5% (n=151) |
| | Has Occurred – Elsewhere | 2.9% (n=14) |
| <p>Type of potential care-process compromise from this hazard:</p> <p>Selected: 81% (n=401) User Skipped: 8.9% (n=44) System Skipped: 10.1% (n=50)</p> | <p>Out of 401 hazards with “Type of Potential care-process compromise” indicated, the following options were selected: (Only one selection possible)</p> | |
| | Delay in Care | 32.4% (n=130) |
| | Omission (Inappropriate Inaction) | 21.2% (n=85) |
| | Commission (Inappropriate Action) | 39.1% (n=157) |
| | Other | 7.2% (n=29) |

Table: Impact Page – Results of Descriptive Analysis

| Impact Question | Answer | Selected |
|--|---|------------------|
| <p>Potential Impact of care-process compromise:</p> <p>Selected: 81.6% (n=404) User Skipped: 8.3% (n=41) System Skipped: 10.1% (n=50)</p> | <p>Out of 404 hazards with “Potential Impact of care-process compromise” indicated, the following sub-attributes were selected: (Only one selection possible)</p> | |
| | Low | 41.1% (n=166) |
| | Medium | 26% (n=105) |
| | High | 32.9% (n=133) |
| <p>If there was care-process compromise, how serious was it?</p> <p>Selected: 28.1% (n=139) User Skipped: 5.4% (n=27) System Skipped: 66.5% (n=329)</p> | <p>Out of 139 hazards with “If there was care-process compromise, how serious was it?” answered, the following options were selected: (Only one selection possible)</p> | |
| | Care process compromise did not reach patient | 18.7% (n=26) |
| | Reached patient but caused no harm | 32.4% (n=45) |
| | Harmed patient | 10.1% (n=14) |
| | Unknown | 38.9% (n=54) |
| <p>When did the care-process compromise occur?</p> <p>Selected: 4.7% (n=23) User Skipped: 28.9% (n=143) System Skipped: 66.4% (n=329)</p> | <p>Out of 23 hazards with “When did the care-process compromise occur?” answered, the following options were selected:</p> | |
| | n/a | |

Table: Impact Page – Results of Descriptive Analysis

| Impact Question | Answer | Selected |
|---|---|----------------|
| <p>If there was patient harm, how serious was it?</p> <p>Selected: 2.6% (n=13) User Skipped: 97.4% (n=482) System Skipped: n/a</p> | <p>Out of 13 hazards with “If there was patient harm, how serious was it?” answered, the following options were selected: (Only one selection possible)</p> | |
| | Minor adverse effect, likely to be temporary | 21.4% (n=3) |
| | Minor adverse effect, resolved | 21.4% (n=3) |
| | Minor adverse effect likely to be chronic | 0 |
| | Minor adverse effect, chronic | 0 |
| | Major adverse effect, likely to be temporary | 0 |
| | Major adverse effect, resolved | 42.9% (n=6) |
| | Major adverse effect, likely to be chronic | 7.1% (n=1) |
| | Major adverse effect, chronic | 0 |
| | Death | 7.1% (n=1) |
| <p>Type of Patient Harm</p> <p>Selected: 2.6% (n=13) User Skipped: 0 System Skipped: 97.4% (n=482)</p> | <p>Out of 13 hazards with “Type of Patient Harm” indicated, the following options were selected: (Multiple selections possible)</p> | |
| | Physical | 100% (n=13) |
| | Psychological | 0 |
| | Financial | 0 |
| | Reputational | 0 |

Table: Impact Page – Results of Descriptive Analysis

| Impact Question | Answer | Selected |
|---|---|----------|
| When was the patient harm identified? Selected: 1.2% (n=6) User Skipped: 1.6% (n=8) System Skipped: 97.2% (n=481) | Out of 6 hazards with “When was the patient harm identified?” answered, the following options were selected: | |
| | n/a | |

In an effort to understand whether variation existed between test sites in terms of selecting Impact options, Impact options most frequently selected in the Hazard Manager were graphed by test site using the total number of hazards within a site as the denominator.

Table: Impact Page – Results of Descriptive Analysis

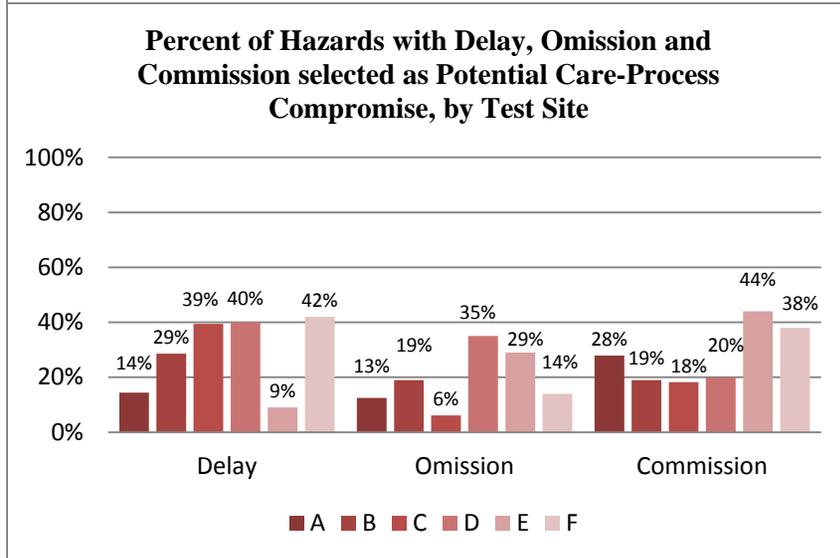
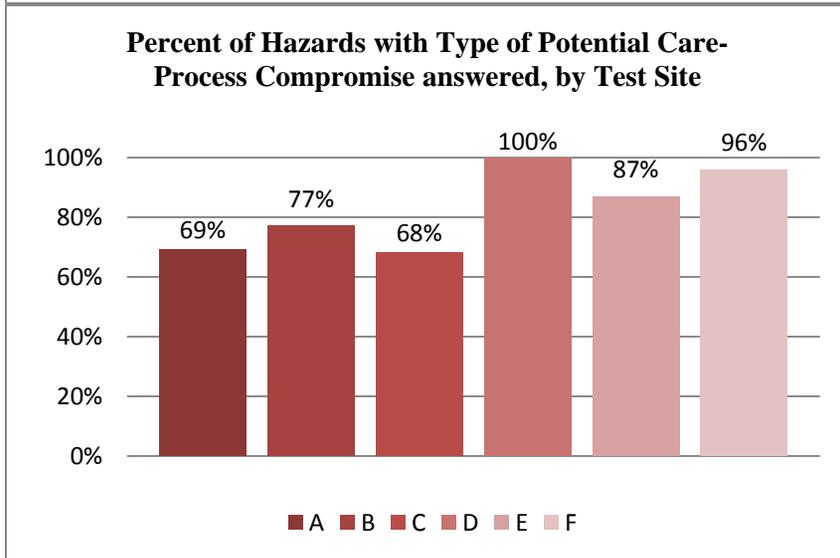
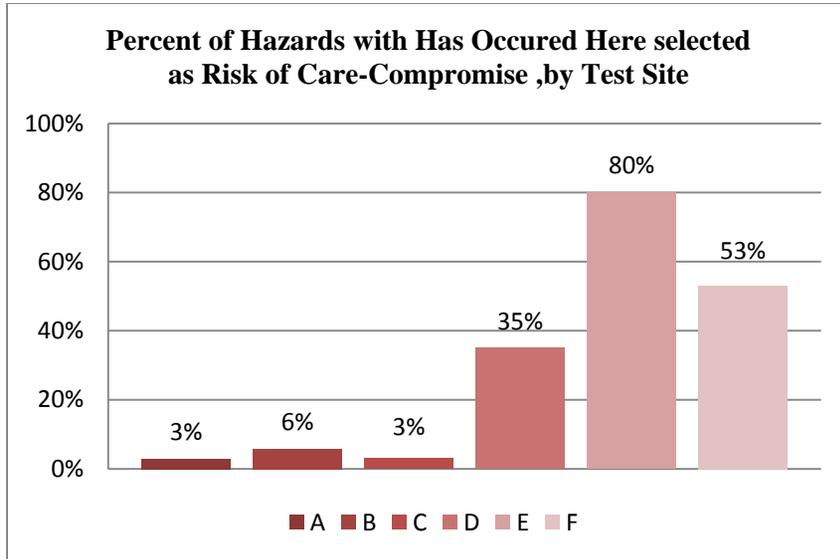
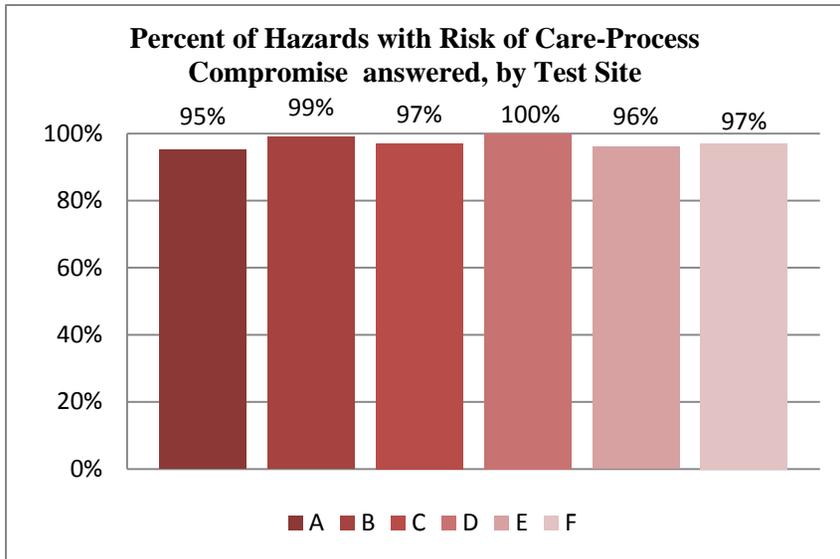


Table: Impact Page – Results of Descriptive Analysis

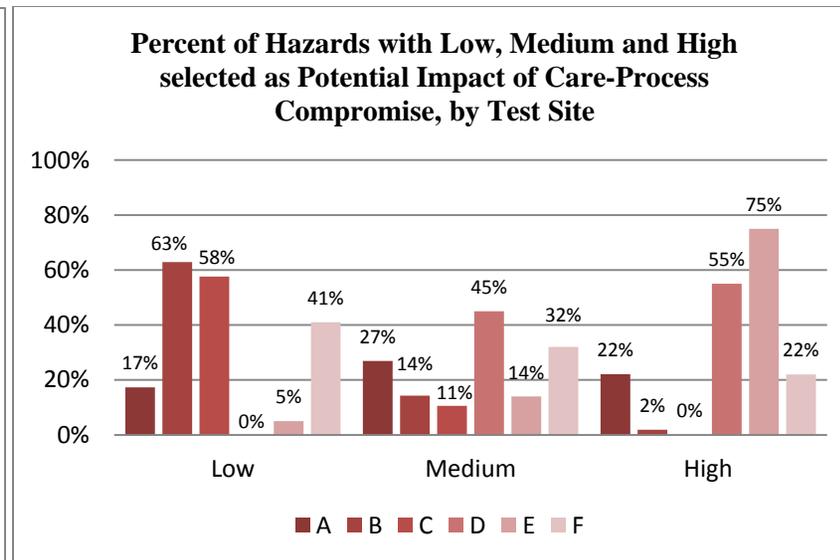
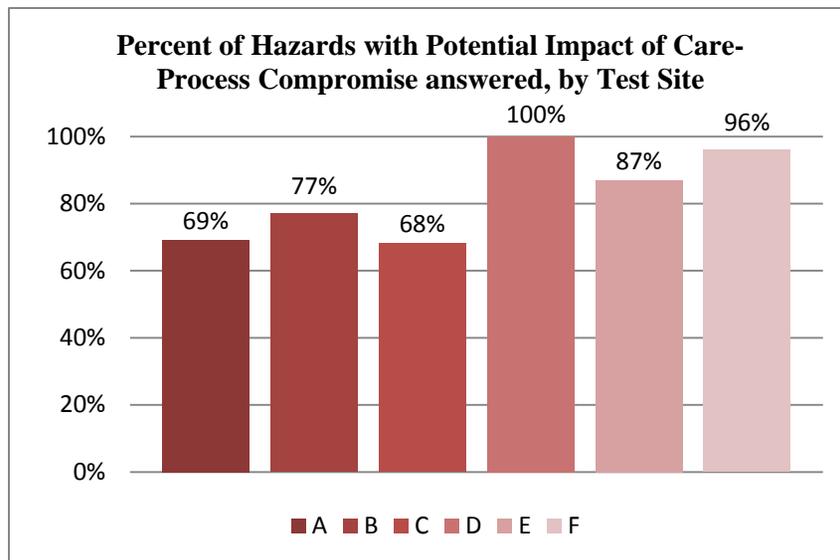


Table: Corrective Action Page – Results of Descriptive Analysis

| Corrective Action Question | Answer | Selected |
|---|---|------------------|
| Hazard Mitigation Plan: Selected: 43.2% (n=214) User Skipped: 56.8% (n=281) System Skipped: n/a | Out of 214 hazards with “Hazard Mitigation Plan” answered, the following options were selected: (Only one selection possible) | |
| | Do not implement affected software | 4.7% (n=10) |
| | Implement only after written risk acceptance | 27.6% (n=59) |
| | Not mitigation plan required | 48.6% (n=104) |
| | No mitigation feasible | 80.8% (n=173) |
| Activity Status: Selected: 84.7% (n=419) User Skipped: 15.3% (n=76) System Skipped: n/a | Out of 419 hazards with “Activity Status” answered, the following options were selected: (Only one selection possible) | |
| | In Progress | 38.7% (n=162) |
| | Case Closed: Resolved | 57.8% (n=242) |
| | Case Closed: Not Resolved | 3.6% (n=15) |
| Date (Initial): Selected: 13.7% (n=68) User Skipped: 86.3% (n=427) System Skipped: n/a | Out of 68 hazards with “Date” (initial) answered, the following options were selected: | |
| | n/a | |
| Date (Definitive): Selected: 22.2% (n=110) User Skipped: 77.8% (n=385) System Skipped: n/a | Out of 110 hazards with “Date” (definitive) answered, the following options were selected: | |
| | n/a | |

Table: Corrective Action Page – Results of Descriptive Analysis

| Corrective Action Question | Answer | Selected |
|---|--|-----------------|
| <p style="text-align: center;">Urgency (Initial):</p> <p>Selected: 54.1% (n=268) User Skipped: 45.9% (n=227) System Skipped: n/a</p> | <p>Out of 268 hazards with “Urgency” (Initial) answered, the following options were selected: (Only one selection possible)</p> | |
| | Fix or remove from use within 24 hours | 28.4% (n=76) |
| | Fix or remove from use within 72 hours | 6.3% (n=17) |
| | Fix or remove from use within 1 month | 20.5% (n=55) |
| | Fix or remove from use within 6 months | 13.4% (n=36) |
| | No fix or removal possible | 14.6% (n=39) |
| | No fix or removal required | 16.8% (n=45) |
| <p style="text-align: center;">Urgency (Definitive):</p> <p>Selected: 56.4%% (n=279) User Skipped: 43.6% (n=216) System Skipped: n/a</p> | <p>Out of 279 hazards with “Urgency” (Definitive) answered, the following options were selected: (Only one selection possible)</p> | |
| | Fix or remove from use within 24 hours | 25.8% (n=72) |
| | Fix or remove from use within 72 hours | 6.4% (n=18) |
| | Fix or remove from use within 1 month | 20.4% (n=57) |
| | Fix or remove from use within 6 months | 26.9% (n=75) |
| | No fix or removal possible | 6.1% (n=17) |
| No fix or removal required | 14.3% (n=40) | |

Table: Corrective Action Page – Results of Descriptive Analysis

| Corrective Action Question | Answer | Selected |
|--|--|------------------|
| Completeness of Fix (Initial): Selected: 52.5% (n=260) User Skipped: 47.5% (n=235) System Skipped: n/a | Out of 260 hazards with “Completeness of Fix” (Initial) answered, the following options were selected: (Only one selection possible) | |
| | Completeness of Fix Partial | 40.8% (n=106) |
| | Completeness of Fix Complete | 36.9% (n=96) |
| | Completeness of Fix Non Feasible | 10.4% (n=27) |
| | Completeness of Fix None Needed | 11.9% (n=31) |
| Completeness of Fix (Definitive): Selected: 61.8% (n=306) User Skipped: 38.2% (n=189) System Skipped: n/a | Out of 306 hazards with “Completeness of Fix” (Definitive) answered, the following options were selected: (Only one selection possible) | |
| | Completeness of Fix Partial | 27.8% (n=85) |
| | Completeness of Fix Complete | 64.4% (n=197) |
| | Completeness of Fix Non Feasible | 3.9% (n=12) |
| | Completeness of Fix None Needed | 3.9% (n=12) |
| Plan (Initial): Selected: 40.8% (n=202) User Skipped: 59.2% (n=293) System Skipped: n/a | Out of 202 hazards with “Plan” (Initial) answered, the following options were selected: | |
| | n/a | |
| Plan (Definitive): Selected: 45.1% (n=223) User Skipped: 54.9% (n=272) System Skipped: n/a | Out of 223 hazards with “Plan” (Definitive) answered, the following options were selected: | |
| | n/a | |

Table: Corrective Action Page – Results of Descriptive Analysis

| Corrective Action Question | Answer | Selected |
|--|--|------------------|
| <p>Fix (Initial):</p> <p>Selected: 50.3% (n=249) User Skipped: 49.7% (n=246) System Skipped: n/a</p> | <p>Out of 249 hazards with “Fix” (Initial) answered, the following options were selected: (Multiple selections possible)</p> | |
| | Software upgrade | 12.1% (n=30) |
| | Training for Local IT | 9.2% (n=23) |
| | Configuration Change | 30.1% (n=75) |
| | Custom Programming | 19.7% (n=49) |
| | Care-Process Change | 8.4% (n=21) |
| | Policy Change | 2.8% (n=7) |
| | Training for End Users | 53.4% (n=133) |
| | Other | 8.0% (n=20) |
| <p>Fix (Definitive):</p> <p>Selected: 67.7% (n=335) User Skipped: 32.3% (n=160) System Skipped: n/a</p> | <p>Out of 335 hazards with “Fix” (Initial) answered, the following options were selected: (Multiple selections possible)</p> | |
| | Software upgrade | 28.1% (n=94) |
| | Training for Local IT | 8.1% (n=27) |
| | Configuration Change | 36.4% (n=122) |
| | Custom Programming | 18.2% (n=61) |
| | Care-Process Change | 6.9% (n=23) |
| | Policy Change | 3.9% (n=13) |
| | Training for End Users | 36.1% (n=121) |
| | Other | 7.5% (n=25) |

Table: Corrective Action Page – Results of Descriptive Analysis

In an effort to understand whether variation existed between test sites in terms of selecting Corrective Action answers, Corrective Action answers most frequently selected in the Hazard Manager were graphed by test site using the total number of hazards within a site as the denominator.

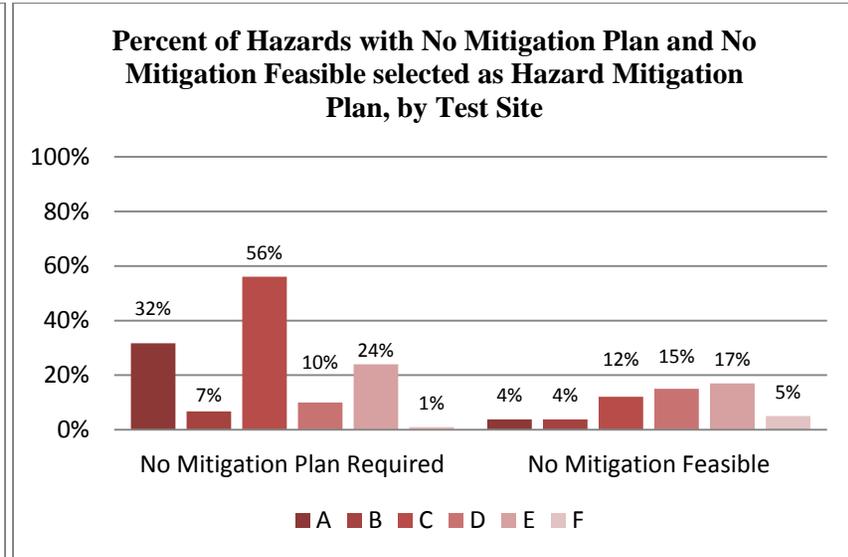
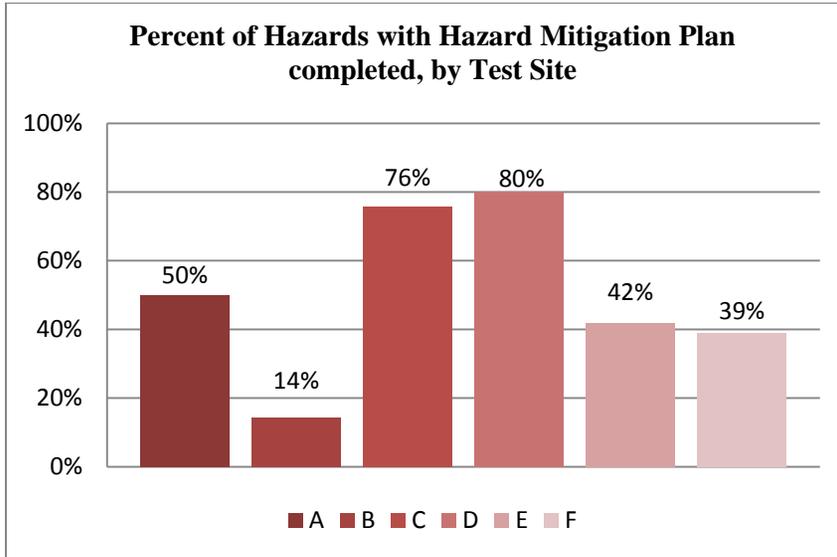


Table: Corrective Action Page – Results of Descriptive Analysis

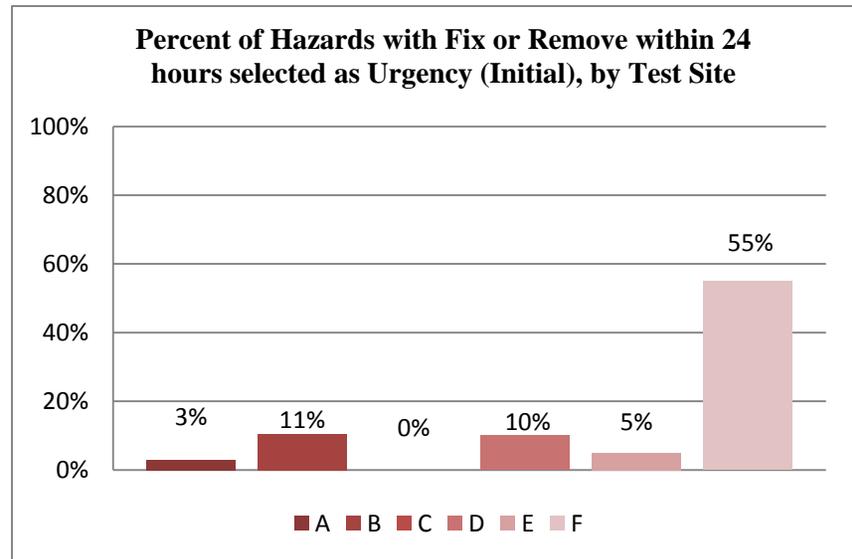
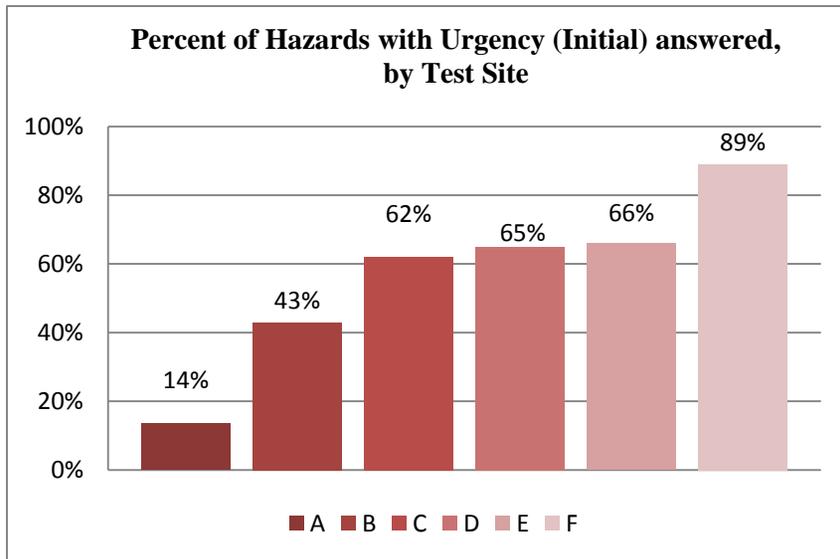
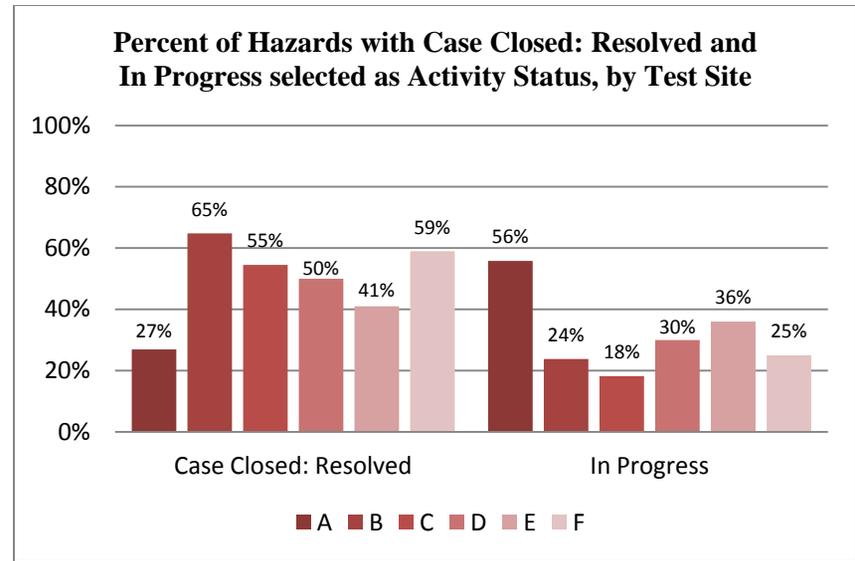
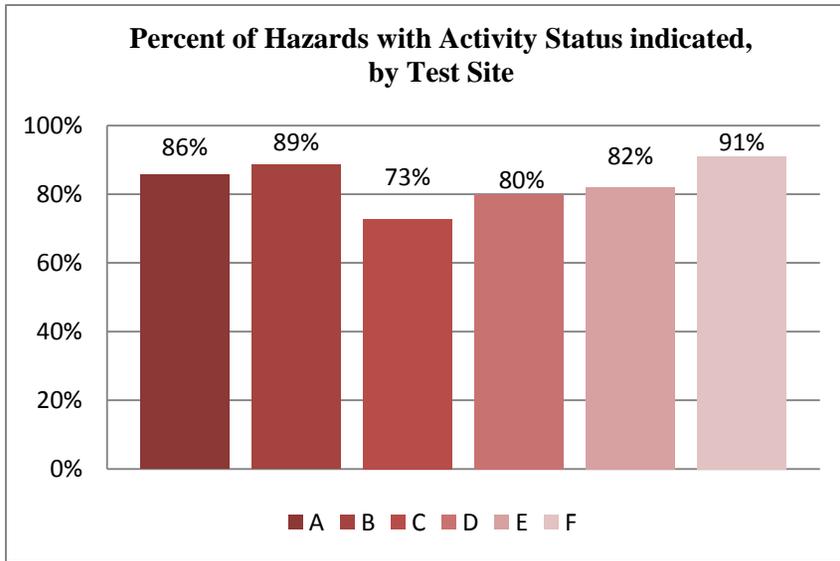


Table: Corrective Action Page – Results of Descriptive Analysis

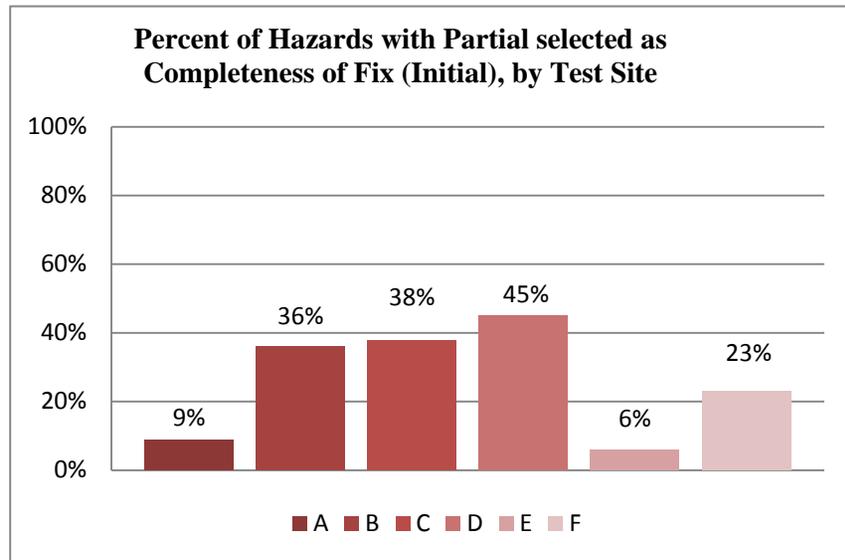
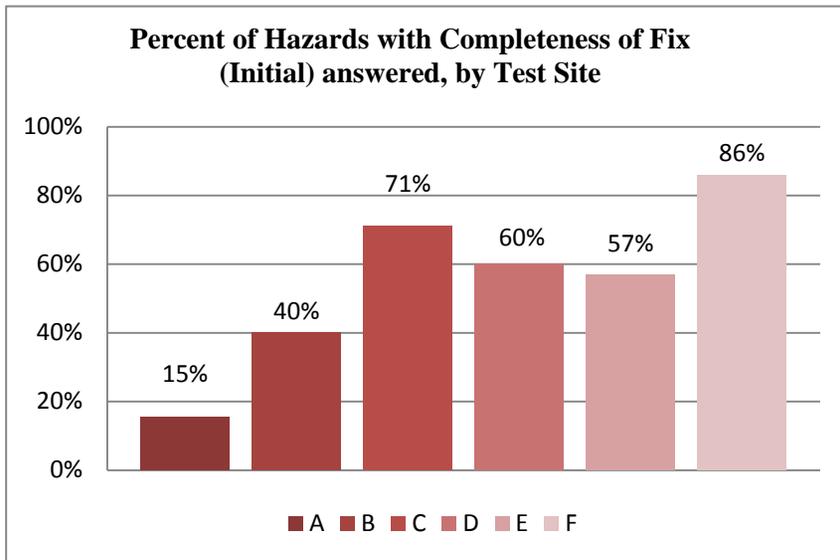
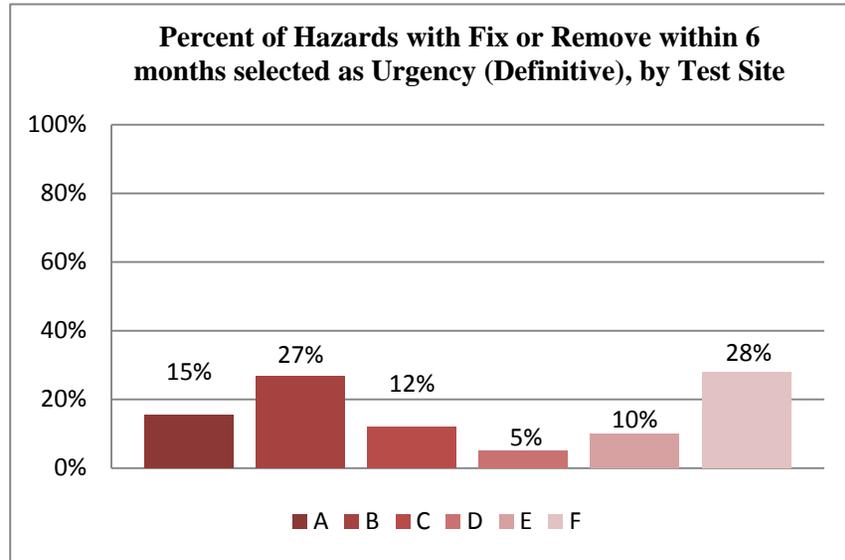
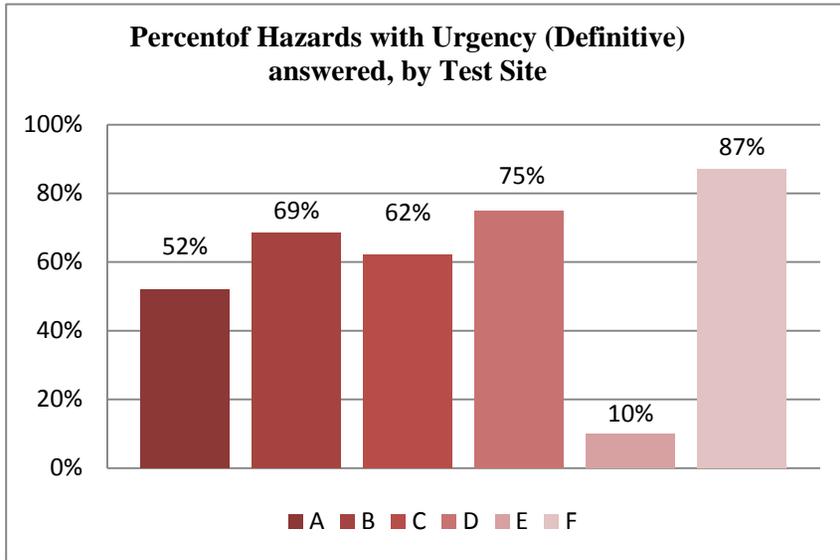


Table: Corrective Action Page – Results of Descriptive Analysis

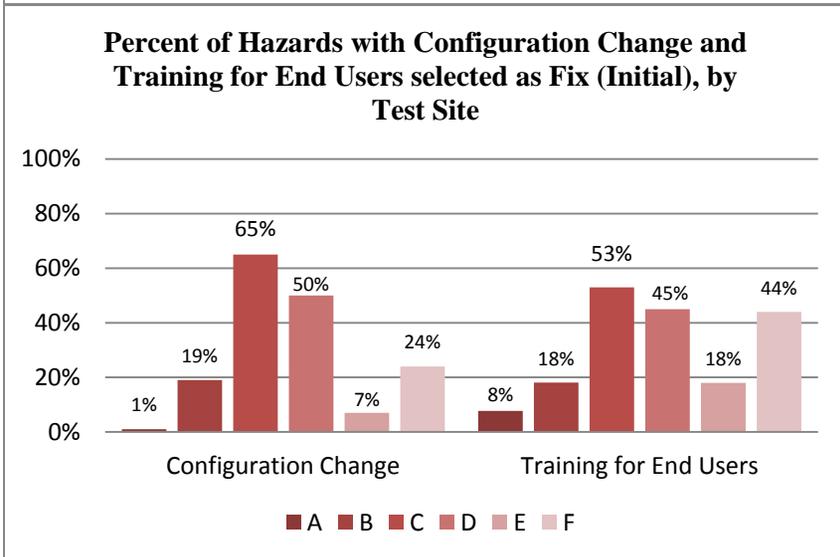
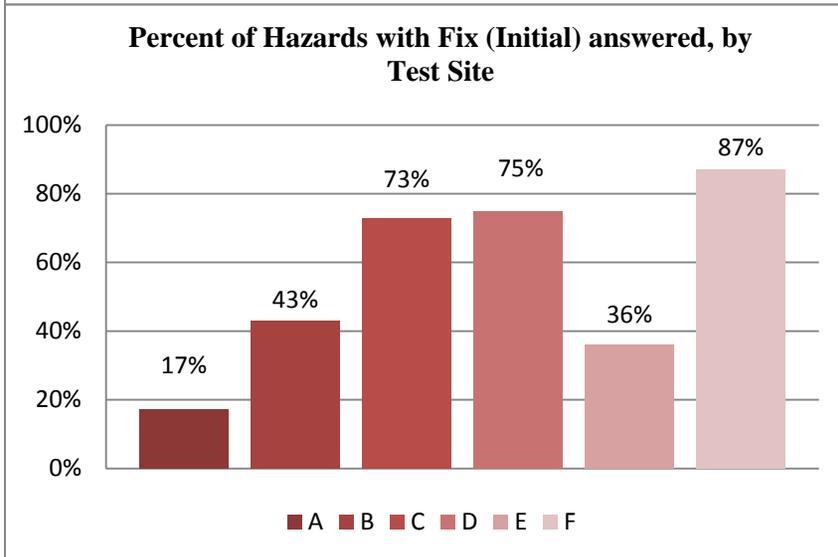
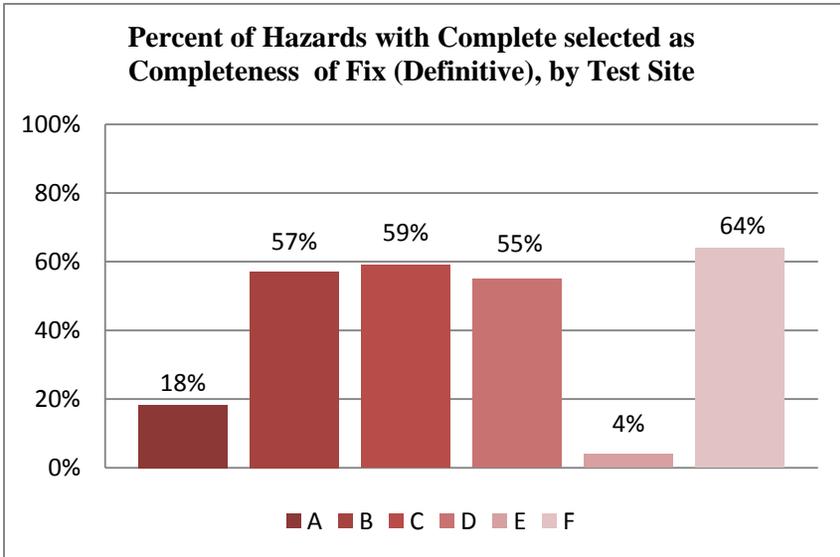
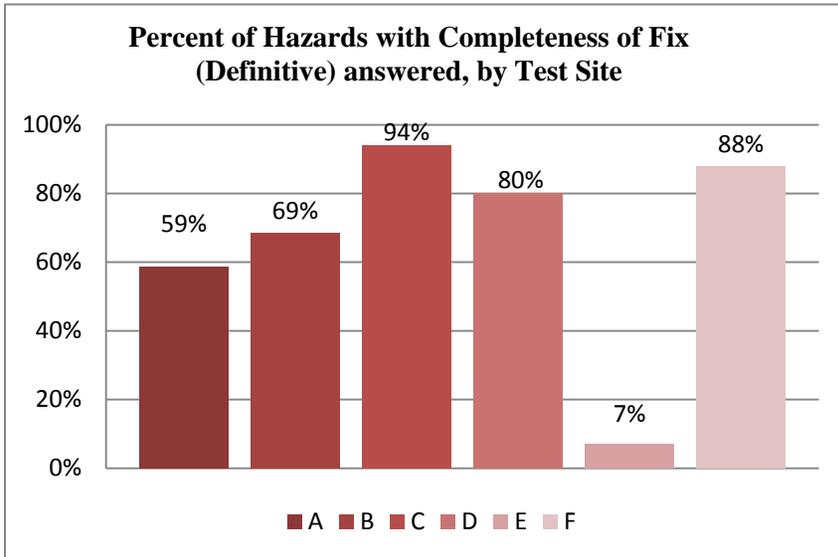


Table: Corrective Action Page – Results of Descriptive Analysis

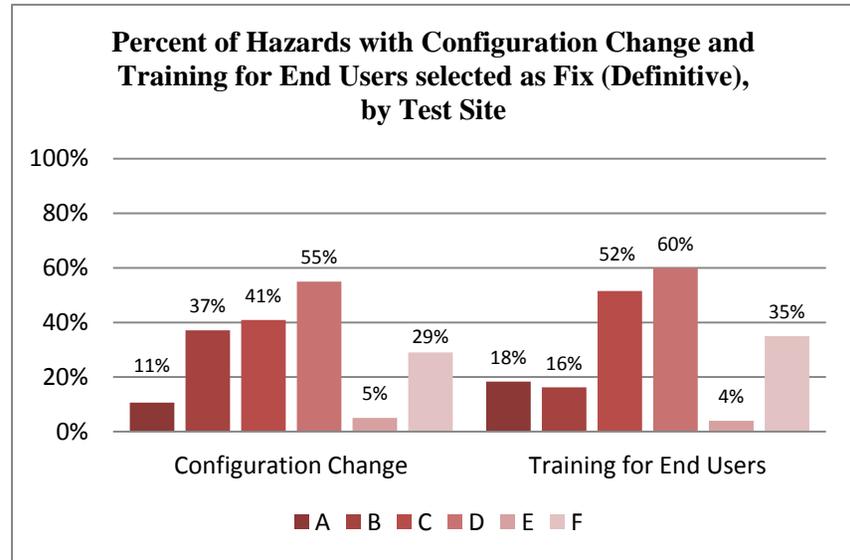
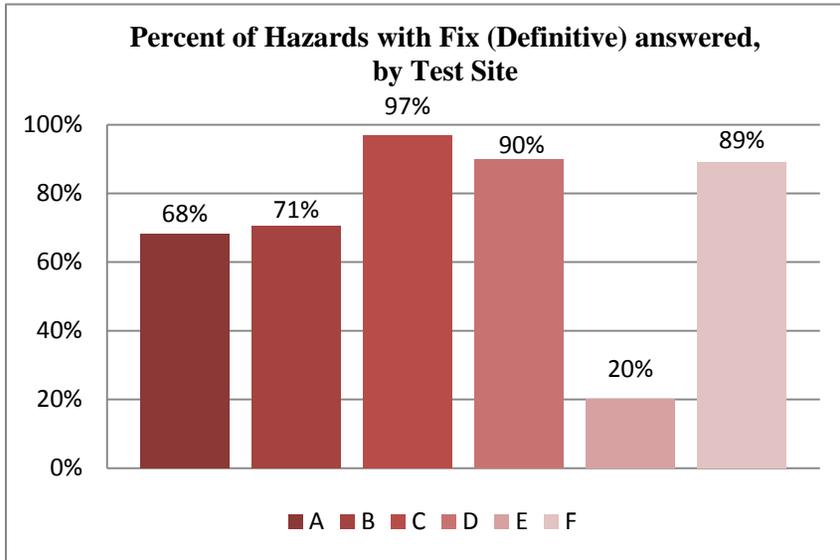


Table: Vetting and Resolution Page – Results of Descriptive Analysis

| Vetting/Resolution Lists | Department Options | Selected |
|---|---|------------------|
| Responsible for Vetting: Selected: 83.8% (n=415) User Skipped: 16.2% (n=80) System Skipped: n/a | Out of 415 hazards with “Responsible for Vetting” answered, the following options were selected: (Multiple selections possible) | |
| | Pharmacy | 14.7% (n=61) |
| | Medical Records | 10.8% (n=45) |
| | Informatics/Human Factors | 11.1% (n=46) |
| | Engineering | 1.0% (n=4) |
| | Quality/Safety | 12.8% (n=53) |
| | Clinical Leadership | 34% (n=141) |
| | Local IT | 84.6% (n=351) |
| | HIT Vendor | 35.2% (n=146) |
| | Risk Management | 5.8% (n=24) |
| | Legal Department | 3.1% (n=13) |
| | Laboratory | 2.2% (n=9) |
| | Radiology | 1.7% (n=7) |
| | Regulatory Agency | 0.7% (n=3) |
| Reimbursement Agency | 0.2% (n=1) | |

Table: Vetting and Resolution Page – Results of Descriptive Analysis

| Vetting/Resolution Lists | Department Options | Selected |
|---|--|------------------|
| | End-User | 23.4% (n=97) |
| | User Community | 0.7% (n=3) |
| | Other | 2.2% (n=9) |
| Responsible for Hazard Mitigation: Selected: 84.9% (n=420) User Skipped: 15.1% (n=75) System Skipped: n/a | Out of 420 hazards with “Responsible for Hazard Mitigation” answered, the following options were selected: (Multiple selections possible) | |
| | Pharmacy | 11.2% (n=47) |
| | Medical Records | 9.3% (n=39) |
| | Informatics/Human Factors | 10% (n=42) |
| | Engineering | 0.7% (n=3) |
| | Quality/Safety | 9.5% (n=40) |
| | Clinical Leadership | 73.1% (n=307) |
| | Local IT | 83.3% (n=350) |
| | HIT Vendor | 35% (n=147) |
| | Risk Management | 4.5% (n=19) |
| | Legal Department | 2.1% (n=9) |

Table: Vetting and Resolution Page – Results of Descriptive Analysis

| Vetting/Resolution Lists | Department Options | Selected |
|--------------------------|----------------------|-----------------|
| | Laboratory | 1.7% (n=7) |
| | Radiology | 1.7% (n=7) |
| | Regulatory Agency | 0.5% (n=2) |
| | Reimbursement Agency | 0.2% (n=1) |
| | End-User | 22.9% (n=96) |
| | User Community | 0 |
| | Other | 1.9% (n=8) |

Table: Vetting and Resolution Page – Results of Descriptive Analysis

To understand whether variation existed between test sites in terms of selecting Vetting & Resolution options, Resolution & Vetting options most frequently selected in the Hazard Manager were graphed by test site using the total number of hazards within a site as the denominator.

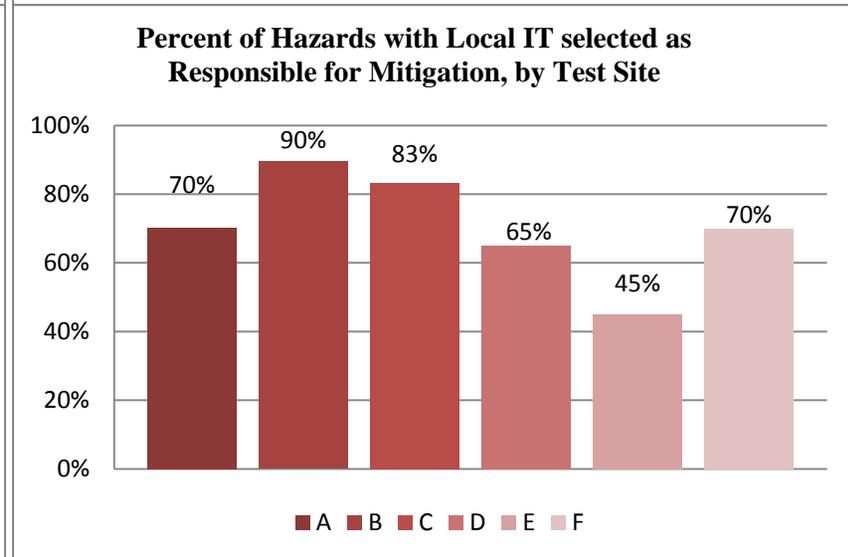
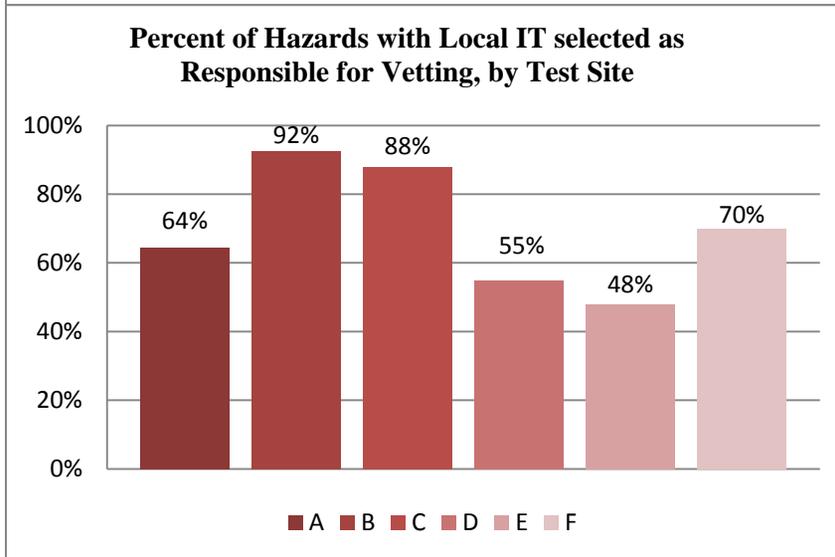
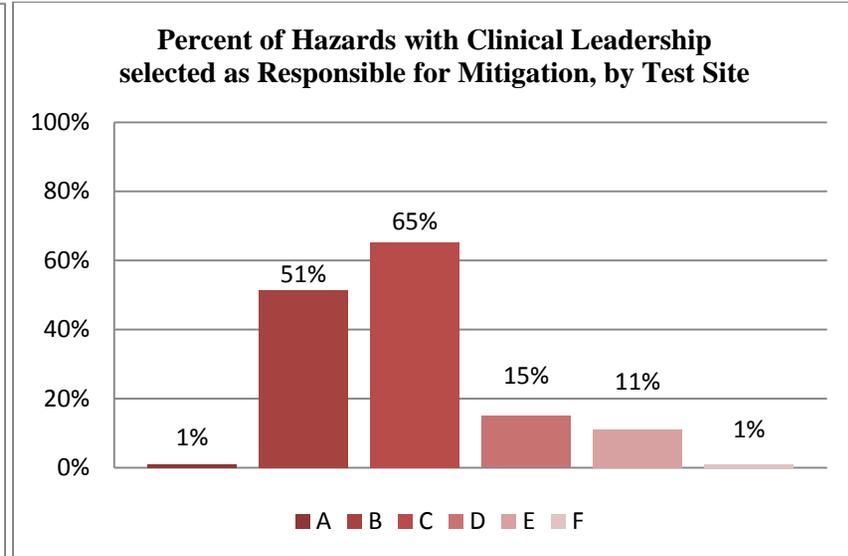
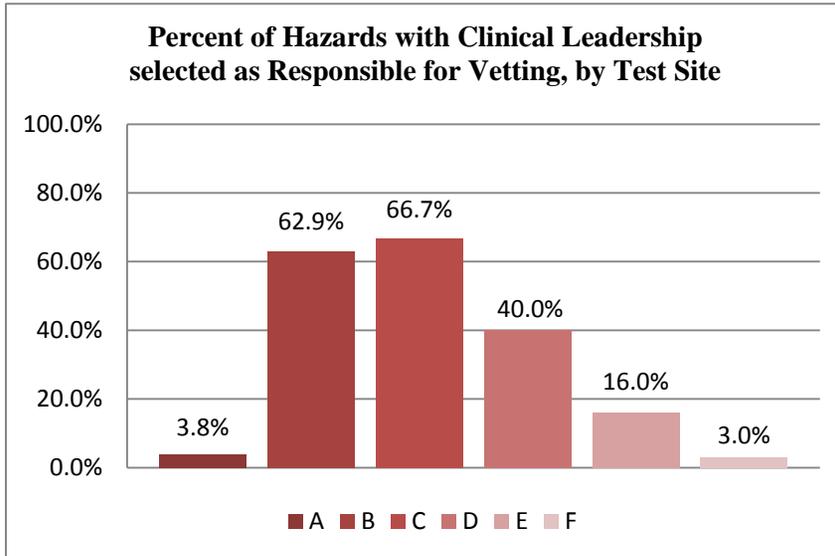


Table: Vetting and Resolution Page – Results of Descriptive Analysis

