

INTRODUCTION

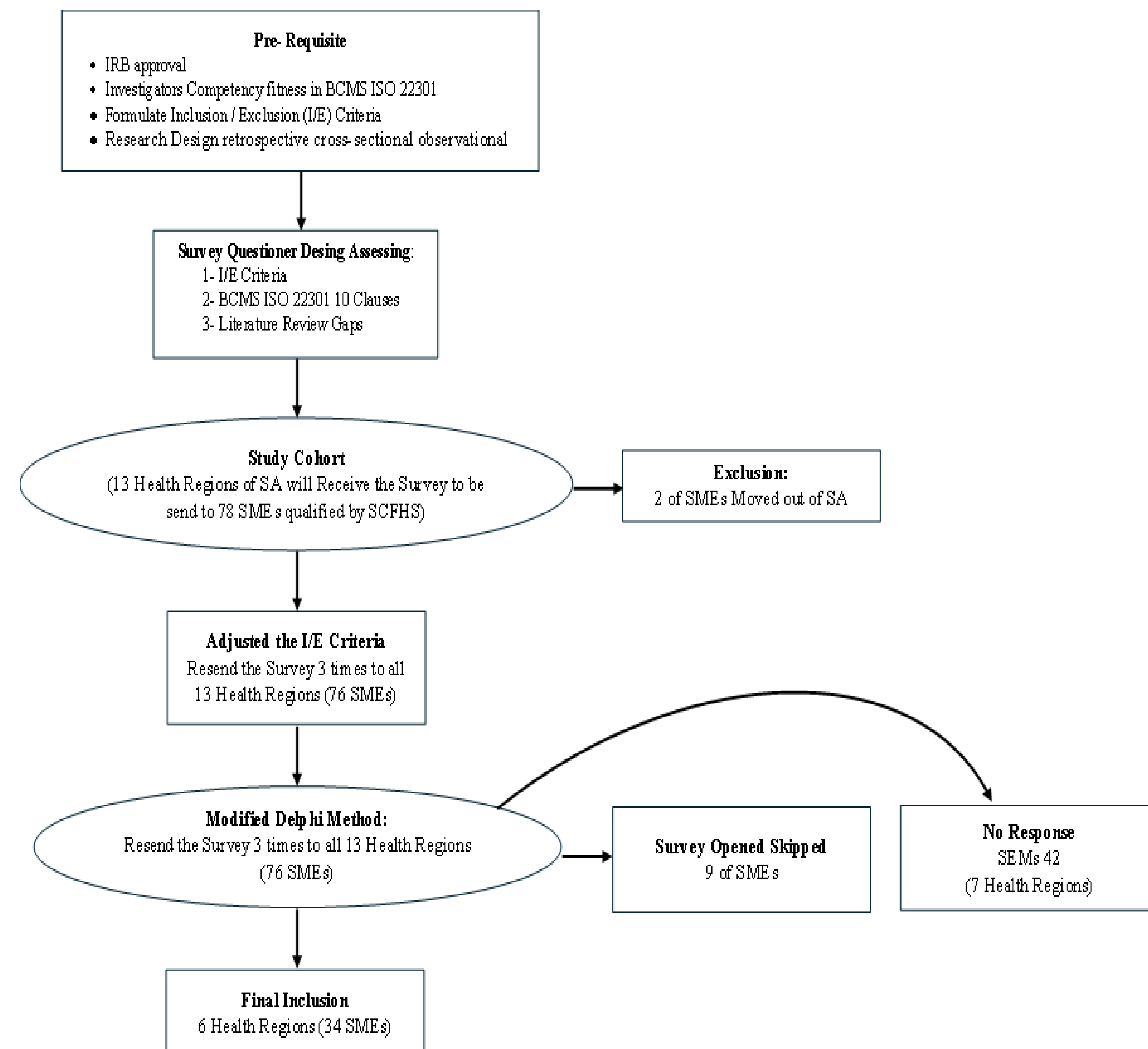
The world faced an emergent crisis disrupting major healthcare functions, impacted on staffing, space, structure, services, supply chain, finance, legal and ethical values. In response, hospitals implemented variable plans lacking a unified framework. This study to evaluate Business Continuity Model in Saudi Arabia, using standards ISO 22301 as gold standard.

OBJECTIVES

Benchmarking BCMS standards ISO 22301 within healthcare operation and if it extends to different disciplines

METHODS

Retrospective cross-sectional observational survey study designed to measure all potential variables in relation to ISO 22301 10 clauses as the gold standard (control), versus variables collected from predefined selected sample study sent to Six (6) health regions met the enrolment criteria and a respective of three four (37) SMEs completed the survey.



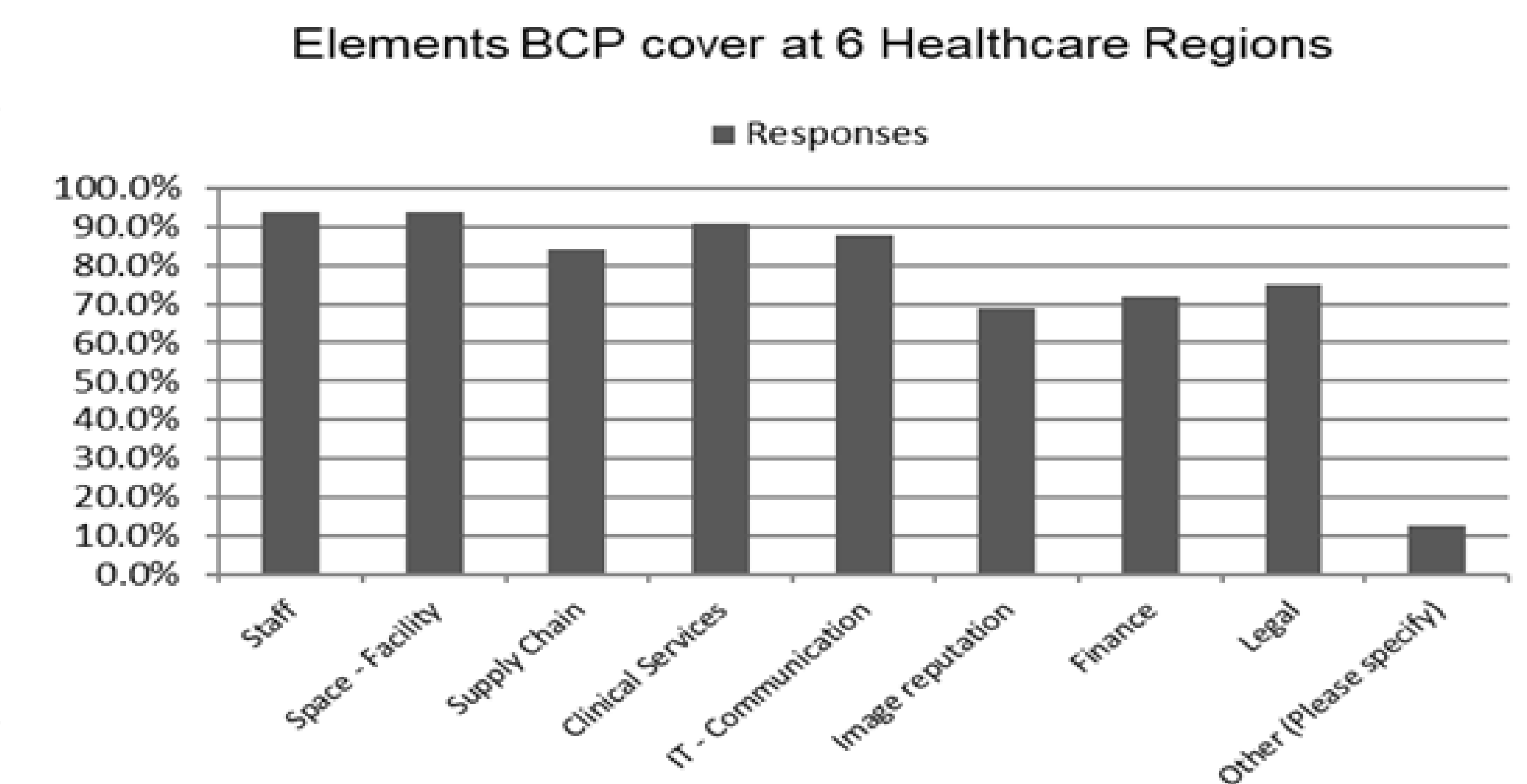
DATA/ RESULTS

84% of respondents implemented the clauses effectively. High Compliance: Clauses 4 (Organizational Context), 5 (Leadership), and 6 (Planning) Lower Compliance: Clause 3 (References) has the lowest compliance rate (31%), which stands out as an area needing improvement. an average standard deviation (S.D.) of 0.71, a mean (X) of 15.8, a variance of 1.45, and a 95% confidence interval (95% CI) of 26.3. The margin of error is 8.26 with a p-value is 0.12

ISO 22301 Ten Clause	N	F	%	S.D.	X	Variance	95 % CI	Error Margin	P Value
Clasue 1 Scope	31	26	84%	0.74	15.71	0.86	23.88	7.50	0.10
Clause 2 Definitions	32	29	91%	0.66	16.23	0.81	26.33	8.27	0.14
Clasue 3 References	37	21	31%	1.700	12.16	1.29	28.72	9.02	0.19
Clasue 4 Org. Context	32	31	97%	0.350	16.24	0.59	27.50	8.81	0.09
Clause 5 Leadership	32	30	95%	0.50	16.23	7.00	27.50	8.50	0.09
Clause 6 Planning	32	30	94%	0.47	16.23	0.68	27.18	8.54	0.09
Clause 7 Support Functions	32	28	89%	0.63	16.22	0.79	25.81	8.11	0.14
Clause 8 Operation	32	29	91%	0.56	16.23	0.74	26.57	8.35	0.10
Clasues 9 Evaluation	32	26	82%	0.75	16.21	0.86	24.37	7.66	0.14
Clasuse 10 Improvement	32	27	84%	0.73	16.21	0.85	24.78	7.79	0.14
	32.4	28	84%	0.71	15.8	1.45	26.3	8.26	0.12

DISCUSSION

Answer Choices	N	F	Yes = 2
Staff	37	30	94%
Space - Facility	37	30	94%
Supply Chain	37	27	84%
Clinical Services	37	29	91%
IT - Communication	37	28	88%
Image reputation	37	22	69%
Finance	37	23	72%
Legal	37	24	75%
Other (Please specify)	37	4	13%
			75%



CONCLUSION

Healthcare Business Continuity model in Saudi Arabia is present as internally driven by Subject Matter Experts (SMEs) within scattered organization. Hence it was reported lack standardized framework, or gold Standards of BCMS ISO 22301 versus National guidelines which have been cross referenced interchangeable with Emergency Management System. In addition, there is a mutual interdependency interest among respondents highlights common keyword phrases which are required to maintain Continuity of Operation. Recommendations to conduct more research focusing on clause No.3 (References) to generate a standardized framework and to assess BCMS ISO 22301 implication in healthcare organizations.