

*

**

" " " " (11)

ABSTRACT

This study aims to explain the extent of information quality produced by Computerized Management Information Systems in the Gaza Strip Municipalities. During the review of science contribution on this field, the research model and hypothesis has been formulated and a questionnaire designed to collect data. The study sample consists of (11) municipalities on Gaza. The researcher made use of Chi-square tests and Spearman correlation tests to prove the hypothesis, the analysis and explain of results displayed that information which current system offers are corresponded with decision making requirements

The study revealed the existence of a direct positive relationship between the production and use of information needed to decision making. And showed a direct positive relationship between the existence of the system and the production of information needed for decision making. The research concluded with a group of recommendations intended to strengthen and support the role of computerized management information systems on decision making in Palestinian municipalities

* Assistant Professor Islamic University – Gaza rwady@iugaza.edu.ps

** Manager of IS Department - Jabalia Municipality Master of MIS maher_g@yahoo.com

2007

.

:

:

:

.1

.2

.3

.4

:

:

($\alpha=0.05$)

.1

($\alpha=0.05$)

.2

...

($\alpha=0.05$)

.3

($\alpha=0.05$)

.4

:

:

.1

.2

.3

.4

:

:

2007

(1996) .

)

(1995

(1995) .

).(80%)

(1993

.(1998 Ashcroft Maggie) .

.(1998 Bouchet, Hopkins & et_al)
Winterman, Smith & Abell

...

(1998 Winterman, Smith & Abell).

:

.

.

:

(25)

.(1)

(1)

.2007

-

-

:

2007

:

(2)

(2)

8		7	12		1
17		8	12		2
15		9	8		3
11		10	8		4
11		11	8		5
			8		6
118 =		96=	11=	11=	

2007

-

-

:

:

:

(3)

(3)

%33.33	10	-1
%20.00	6	-2
%20.00	6	-3

...

%26.67	8	-4
%100	30	

:

:

%60

%91

(4)

0.000	**0.803	.	-1
0.000	**0.759	.	-2
0.000	**0.722	.	-3
0.000	**0.679	.	-4

.01

**

:

(SPSS)

" "

2007

(0.05) ()

%95

(5)

(Binomial Test)

(5)

0.730	0.554	3.654		-1
0.744	0.550	3.721		-2
0.685	0.632	3.425		-3
0.647	0.586	3.237		-4
0.717	0.408	3.587		-5

:

1-Sample K-S

(0.05)

(6)

(6)

(1- sample- K-S)

	Z		
0.018	1.534		-1

...

	Z		
0.005	1.728	.	-2
0.003	1.816	.	-3
0.042	1.066	.	-4

.() :

.

:

:

: (7)

(7)

%	%	%	%	%					
22.1	68.4	5.3	2.1	2.1	0.741	4.06	0.000		1
14.4	54.6	13.4	15.5	2.1	0.981	3.64	0.000		2

2007

%	%	%	%	%					
6.2	58.8	16.5	15.5	3.0	0.937	3.49	0.004		3
20.6	69.1	5.2	4.1	1.0	0.720	4.04	0.000		4
10.4	68.0	9.3	11.3	1.0	0.830	3.75	0.000		5
14.5	74.2	6.2	4.1	1.0	0.684	3.97	0.000		6
26.0	62.5	6.3	4.2	1.0	0.763	4.08	0.000		7
4.1	25.8	34.0	32.0	4.1	4.255	3.49	0.000		8
8.3	68.0	14.4	7.2	2.1	0.797	3.73	0.000		9

...

%	%	%	%	%					
1.0	19.8	33.3	41.7	4.2	0.867	2.72	0.000		10

" (7)

(4.06) "

(0.05) (0.000)

(%4.2) (%90.5)

Wintrman . (%5.3)
(1998)

"
(%69.0) "

(%13.4) (%17.6)

(3.64)
(0.05) (0.000)

"
(%65.0) "
(%16.5) (%18.5)

(0.004) (3.49)
(0.05)

"
(%5.1) (%89.7)

2007

			(%5.2)
(0.000)		(4.04)	
			(0.05)
(44: 2000)		()	
			"
	(%9.3)		(%78.4) "
			(%12.3)
(0.000)			(3.75)
"			(0.05)
			"
	(%6.2)		(%88.7)
			(%5.1)
(0.05)	(0.000)		(3.97)
			"
		(%88.5)	"
		(%5.2)	(%6.3)
		(4.08)	
			(0.05)
			(0.000)
			"
	(%34.0)		(%30.1) "
			(%36.0)
(0.000)			(3.49)

...

(0.05)

"

(%14.4)

"

(%76.3)

(0.000)

(%9.3)

(3.73)

(0.05)

(%20.8)

"

"

(%33.3)

(2.72)

(%45.9)

(0.05)

(0.000)

-

-

Winterman

(1998)

:

2007

(8)

(8)

%	%	%	%	%					
8.2	47.4	12.4	29.9	2.1	1.052	3.30	0.310		11
19.6	58.8	11.3	9.3	1.0	0.874	3.87	0.000		12
20.8	59.4	13.5	6.3	0.0	0.773	3.95	0.000		13
10.3	64.9	15.5	6.2	3.1	0.848	3.73	0.000		14
4.2	48.4	26.3	21.1	0.0	0.862	3.36	0.682		15

...

%	%	%	%	%					
43.7	50.0	4.2	0.0	2.1	0.749	4.33	0.000		16

" (8)

(%55.6)

"

(%12.4)

(%32.0)

(0.05)

(0.310)

(3.30)

"

"

(%78.4)

(%11.3)

(%10.3)

(3.87)

(0.05)

(0.000)

"

"

(%6.3)

(%80.2)

(%13.5)

(3.95)

(0.05)

(0.000)

"

"

(%9.3)

(%75.2)

2007

			(%15.5)	
		(3.73)		
			(0.05)	(0.000)
			"	
	(%52.6)		"	
	(%26.3)		(%21.1)	
	(0.05)	(0.682)		(3.36)
"			"	
			(%93.7)	
			(%4.2)	(%2.1)
	(4.33)			
		(0.05)	(0.000)	
Bouchet &				(1998) Hopking
Ashcroft Maggie		(1998) Winterman		(1998)
		:		:

...

.

: (9)

(9)

%	%	%	%	%					
4.2	53.6	24.7	13.4	4.1	0.920	3.40	0.155		17
4.1	40.2	37.1	16.5	2.1	0.863	3.28	0.310		18
11.4	50.5	17.5	17.5	3.1	1.012	3.49	0.025		19

2007

%	%	%	%	%					
3.1	49.5	29.9	16.5	1.0	0.833	3.37	0.685		20
1.0	37.1	36.1	23.7	2.1	0.852	3.11	0.025		21
27.2	47.9	13.5	10.4	1.0	0.957	3.90	0.000		22

" (9)

"

(%17.5)

(%57.8)

(%24.7)

(3.40)

(0.05)

(0.155)

"

(%44.3)

"

(%37.1)

(%18.6)

...

	(0.310)		(3.28)	
				(0.05)
			"	
	(%61.9)		"	
	(%17.5)		(%20.6)	
(3.49)				
	(0.05)	(0.025)		
			"	
	(%52.6)		"	
	(%29.9)	(%17.5)		
(0.05)	(0.685)			(3.37)
			"	
	(%38.1)		"	
	(%36.1)		(%25.8)	
(3.11)				
	(0.05)	(0.025)		
			"	
	(%75.1)		"	
	(%13.5)		(%11.4)	
(3.90)				

2007

(0.05)

(0.000)

Winterman

(1998)

(1990)

(1995)

:

:

(10)

(10)

%	%	%	%	%					
47.4	33.0	13.4	5.2	1.0	0.935	4.21	0.000		23

...

%	%	%	%	%					
44.3	40.2	5.2	6.2	4.1	1.051	4.14	0.000	:	24
1.0	7.4	31.6	27.4	32.6	1.00	2.17	0.000	: .Multimedia	25
3.1	13.5	16.7	21.9	44.8	1.202	2.08	0.000		26
41.0	37.9	7.4	8.4	5.3	1.144	4.01	0.000	: .Windows	27
46.3	35.1	12.4	3.1	3.1	0.982	4.19	0.000	:	28
32.0	30.9	24.7	9.3	3.1	1.089	3.79	0.155		29
12.3	29.9	26.8	18.6	12.4	1.215	3.11	0.000	:	30

2007

%	%	%	%	%					

(10)

(%6.2)

(%80.4)

(%13.4)

(4.21)

.(0.000)

(0.05)

(%84.5)

(%5.2)

(%10.3)

(4.14)

(0.05)

(0.000)

(%8.4)

" Multimedia

(%31.6)

(%60.0)

(0.05)

(0.000)

(2.17)

...

	:			.Multimedia
				"
		(%16.6)		"
		(%16.7)	(%66.7)	
			.	
(0.05)		(0.000)		(2.08)
			.	
				"
	:	(%78.9)		" :
		(%7.4)	(%13.7)	
(4.01)			.	
		(0.05)	(0.000)	
				"
				"
		(%6.2)		(%81.4)
			.	(%12.4)
(0.000)			(4.19)	
				(0.05)
				:
				"
		(%62.9)		"
		(%24.7)	(%12.4)	
			.	
(0.05)		(0.155)		(3.79)

2007

"

"

:

(%42.2)

(%26.8) (%31.0)

(3.11)

(0.05) (0.000)

:

(1996)

Winterman

- - (1998)

:

:

($\alpha=0.05$)

: (11)

(11)

	df	2		
--	-----------	---	--	--

...

0.004	551	642.65	.	-1
	(642.65)	" "	(11)	
			(0.05)	(0.004)

: (12)

(12)

**0.420	**0.529	**0.659	1	

.01

**

(12)

($\alpha=0.01$)

(0.659)

(0.529) "

.(0.420) "

: (13)

(13)

2007

	0.000	**0.529	.

0.01

**

(13)

($\alpha=0.01$)

(**0.529)

(0.000)

($\alpha=0.05$)

(14)

(14)

	df	²		
0.000	342	572.52	.	-2

(572.52)

(14)

(0.05)

(0.000)

...

: (15)

(15)

"

**0.396	**0.555	1	**0.659	.

0.01

**

(15)

($\alpha=0.01$)

"

(0.659)

"

(0.555) "

"

.(0.396) "

"

"

"

: (16)

2007

(16)

	0.000	** 0.555	

0.01

**

(16)

($\alpha=0.01$)

(0.000)

(**0.555)

:

($\alpha=0.05$)

" "

: (17)

(17)

	df	²		
0.000	342	572.52	.	-3

(572.52)

" "

(17)

(0.05)

(0.000)

...

(18)

(18)

**0.466	1	**0.555	**0.529	.

0.01

**

(18)

($\alpha=0.01$)

(0.555)

(0.529)

(0.466)

($\alpha=0.05$)

(19)

2007

(19)

"

"

	df	²		
0.045	437	560.66		-4

(560.66)

"

"

(19)

(0.05)

(0.045)

: (20)

(20)

"

1	0.466	**0.396	**0.420	

0.01

**

(20)

($\alpha=0.01$)

"

(0.466)

...

" (0.420) "

.(0.396)

" "

"

: (21)

"

(21)

" "

	0.000	**0.466	.

. 0.01

**

(21)

($\alpha=0.01$)

(*0.466)

(0.000)

(42)

($\alpha=0.01$)

2007

:

:

:

:_

(%73.0)

(%74.4)

:_

(63.2)

:_

(%64.7)

:_

:

:

:

...

.

:

:

.

:

:

.

.

.

:

.

:

.

-1

-2

-3

-4

-5

2007

1. Kendall, E. Kenneth, Kendall, E. Julie (1998), Systems Analysis and Design, Third Edition, Prentice Hall International, Inc. USA.
2. Laudon, Kenneth C., Laudon, Jane P. (2002), Management Information Systems. "Managing the digital firm", seventh Edition. New Jersey. Prentice- Hall, Inc.
3. McFadden, Fred R., Hoffer, Jeffery A. (1989), Database Management. Second Edition, the Benjamin/ Cummings Publishing Company, USA.
4. Mcleod, Raymond JR, Schell, George (2001), Management Information systems. 8th edition new Jersey, Prentice – Hall, Inc.
5. Mintzberg, H. (1979), The Structuring Of Organizations, Englewood Clifs, N. J.: Printice Hall.
6. Murdick, R. G. & J. E. Ross (1977), "Introduction to Management Information Systems", Prentice – Hall, Inc.

...

" (1997) .4

"

:

1. Ashcroft Maggie, (1998). "The Impact Of Information Use On Decision Making By Physiotherapists". MCB University – UK. Vol. 19. No. 3.
2. Malhotra Yogesh. (1993). "Role of Information Technology in Managing Organizational Change and Organizational Interdependence". internet website [http:// www.brint.com/papers/change/](http://www.brint.com/papers/change/)
3. Morsy, Tarek (1997), "Management Information Systems in Datacomp, A Case Study", Maastricht School of Management.
4. Sukkar, Yasser Ibrahim (1999), "Involvement of Management Information Systems in Decision Making Process in Business Sector", Master thesis, Middlesex University, in collaboration with the regional IT Institute, Cairo. Egypt.

: :

" (1996) .1

.2 23 . "

" (1997) .2

."

.1 24 .

" (1988) .3

"

" (1993) .4

()

" (1995) .5

"

" (1995) .6

.1 35 . "

2007

English Articles :

1. Bouchet Marie, Hopkins Tracy, Kinnell, Margret and Mcknight Cliff (1998): "The Impact Of Information Use On Decision Making In The Pharmaceutical Industry". *Library Management*, Vol.19, No.3, PP. 196-206. MCB university press.
2. Murdick, R., (1970): "MIS Development Procedures", *Journal of System Management*, Vol. 21, No.12, PP. 22-26.
3. Smith Christine, Winterman Vivienne, Abell angela (1998): "The Impact Of Information On Corporate Decision Making In The Insurance Sector". MCB University, UK, *Library Management* Vol.19, No.3, PP. 154-173.
4. Winterman Vivienne, Smith Christine, Abell Angela (1998): "Impact Of Information On Decision Making In Government Departments". MCB University, UK, *Library Management*, Vol.19, No.2, PP. 110-132.