

مقاييس أداء سلسلة التجهيز(\*)

دراسة حالة في الشركة العامة للصناعات القطنية

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المستخلص

#### Abstract

The problem of the research is focused on importance limited of Iraq industrial companies in application of scientific measurements of supply chains performance, The research sought to achieve a group of goals, the most important are , identifying the strengths and weaknesses in the reality of supply chain in General Company for Cotton Industries, The data and information required are gathered from the dependence company, records through the field observations and personal interviews, the research used some quantitative indicators to measure of supply chain performance, The research reached to many conclusions , the most outstanding among them is the existence of a strong inverse correlation between the total of supply chain variables, the study presented a group of recommendations to the company studied that represent, building of close relationship with suppliers and taking the correct procedures supply and attention to the sale and distribution outlets.

( ) 2009 / (\*)

**توطئة**

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	2003                      2007-2002	:	-4-1

( Friedman Test ) . -5-1  
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-		5
×		6
×		7
_____ - +	( )	8

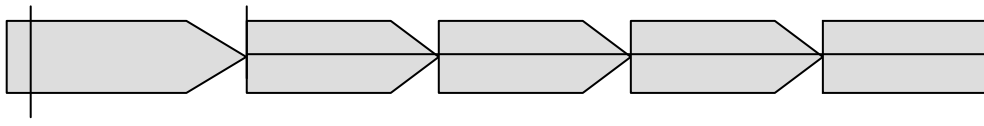
Sources: (Krajewski & Ritzman, 2005: 416– 419) and (Ross, et al, 1996 : 17 , 50 , 53 ) and ( Willamson , 1996 : 38 ) and ( Schroeder , 2000: 188 )

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1 - 2

. ( Beamon , 1998 : 292 )

( Nickels . et al , 2002 : 478) .

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(1)

Source: Nickels, G. , et al , Understanding Business . 6 th ed Prentice Mc Graw-Hill Companies . Inc , North Amerca , (2002): 478

.(Beamon, 1999: 9)

. ( Brewer & Speh , 2000 : 76 ) ( Hillier , et al , 2000 : 514 )

(Waller)

( Waller , 2003 : 521 ) .

(Beamon) . ( Mentzer et al. , 2001 : 12)

(

Beamon , 1998 : 282 )

(white) . ( Thomas&Westbrook ,2002 : 2)

(Vorst . ( White , et al , 2004 : 1)

, 2000 : 16 )

( Gaither & Frazier , 1999 : 545 )

( Nickels et al. , 2002 : 478)

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2 - 2

( Krajewski & Ritzman , 2005 : 404 )

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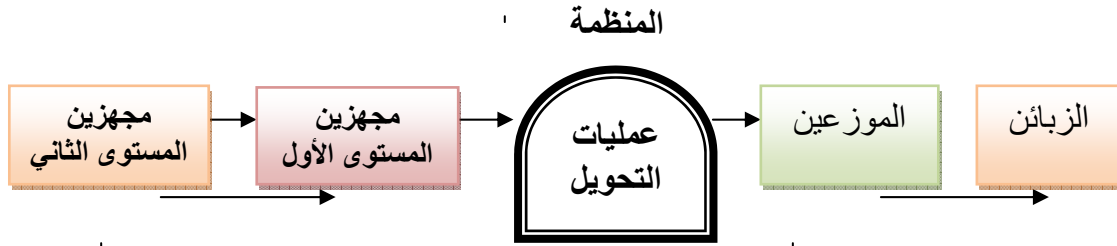
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: -3

(Chase et al. , 2003 : 516)

( 2)



( 2 )

Source : Chase et al , Fundamentals of Operations Management . 4<sup>th</sup> ed .  
Prentice McGraw-Hill Company , Inc . North America, ( 2003 ) : 516

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( Johnson & David ,1999 : 7 )

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-11  
-12

(Reid & Sanders , 2002 : 81)

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. ( Taweesak & Theppitak , 2002 : 3)

( )  
( Krajewski

. Reid & Sanders , 2002 : 97 )

& Ritzman , 1999 : 474 )

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.( Beamon , 1999 : 13 )

.( Lambert & Pohlen , 2001 : 5 )

**( Krishnamurthy , non : 6 ) :**

-1  
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( Biswas & Narahari , 2000 : 3 ) ( Beamon , 1998 : 287 )

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( Schroeder , 2000 : 187 ) :

(Schroeder)

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$$(2) \dots\dots\dots - \dots\dots = \dots\dots + \dots\dots$$

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( Krajewski & Ritzman , 2005 : 416) ( Schroeder , 2000 : 187)

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$$(3) \dots\dots\dots ( A \dots\dots ) ( A \dots\dots ) = \dots\dots ( B \dots\dots ) ( B \dots\dots ) + \dots\dots$$

25%

75%

:

$$(4) \dots\dots\dots = \dots\dots$$



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$$(5) \dots\dots\dots =$$

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-1

(ROA)

(ROA)

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$$(6) \dots\dots\dots = (ROA)$$

:

-2

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$$(7) \dots - =$$

. : -3

$$(8) \dots ( \times ) =$$

$$(9) \dots - =$$

. : -4

$$(10) \dots \times =$$

( Schroeder , 2000 : 188 ) :

$$(11) \dots - + =$$

**ثالثا / الجانب العملي**

**1 - 3**

$$\begin{aligned}
 & \dots \dots \dots - 1 \\
 & \dots \dots \dots ( \dots ) \\
 & \dots \dots \dots ( \dots ) \\
 & \dots \dots \dots : \dots \dots \dots ( \dots ) \\
 & \dots \dots \dots ( \dots ) \\
 & \dots \dots \dots : \dots \dots \dots (2007 - 2002) \\
 & \dots \dots \dots ( \dots )
 \end{aligned}$$

$$\begin{aligned}
 & ( \dots ) + ( \dots ) ( \dots ) = \\
 & \dots \dots \dots ( \dots ) \\
 & \langle 12 \rangle \dots \dots ( \dots ) ( \dots ) + ( \dots ) ( \dots ) +
 \end{aligned}$$

$$\dots ( 2007 - 2002 ) \dots (2)$$

( 2 )  
 «                      » ( 2007 - 2002 )

<b>752820847</b>	<b>2002</b>
<b>236219010</b>	<b>2004</b>
<b>262049000</b>	<b>2005</b>
<b>134828500</b>	<b>2006</b>
<b>280868600</b>	<b>2007</b>

$$2002 \dots (2)$$

$$2007 \dots (2007 - 2002)$$

(3) ) ( 52 (3) : -1

( 2007 – 2002 )

51876634.46	2697584992	2002
66311161.5	3448180398	2004
62045095.06	3226344943	2005
33526288.37	1743366995	2006
29235794.02	1520261289	2007

:

< 13 > ..... =

(2007 – 2002) (4) (4)

14 . 5	2002
3 . 5	2004
4 . 2	2005
4	2006
9 . 6	2007

(2006,2004)

(4)

(2007 2002 )

) : -3  
 : (

< 14 > ..... =

( 2007 - 2002 ) (5)

3 . 5	2002
14 . 5	2004
12 . 3	2005
12 . 9	2006
5 . 4	2007

(2006 , 2004 )  
 ( 2006 2005 2004 ) ( 2007 2002 )  
 . ( 2007 2002 )

< 15 > ..... =

( 2007 – 2002 ) ( 6 )

3 . 5	2002
9 . 2 -	2004
5 . 7 -	2005
2 . 7 -	2006
1 . 9 -	2007

( ) (2006 - 2004) (6)  
2004

### رأس المال العامل

< 16 > ..... - =

« » ( 2007 – 2002 ) ( 7 )

918203481	2002
1411645391	2004
324532133	2005
(12019376077 -)	2006
(10490562941 -)	2007

$$\begin{matrix} ( ) & (2005 - 2002) & (7) \\ ( ) & (2007 - 2006) & (2004) \end{matrix}$$

( Sivakumar & Krishnamurthy )

### كافة المبيعات

$$\langle 17 \rangle \dots ( \quad \times \quad ) =$$

( 8 )

«                  »                  ( 8 )

2697584992	2002
3448180398	2004
3226344943	2005
1743366995	2006
1520261289	2007

( 2007 - 2006 )

(8)

. ( 2005 - 2002 )

### الإيراد الكلي

$$(18)..... \times ( \quad ) =$$

« » (2007 – 2002 ) ( 9 )

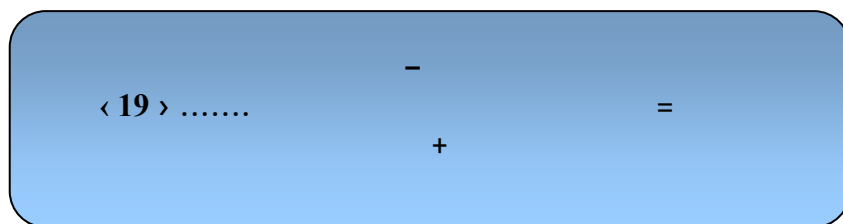
44259106000	2002
8931150808	2004
19489737744	2005
11427797929	2006
14285721000	2007

(2002)

(9)

(2004)

:



:

( ( 2007 - 2002 ) ) (10)

130001212	228028957	253643179	4342810650	2002
164105002	399553091	2567344313	1234143100	2004
153531914	285565106	2564800431	1917610200	2005
98409170	333670137	1353365668	1036837400	2006
75467456	765284212	198087876	1352465400	2007



( 11 )

( 2007 – 2002 ) ( 11 )

11 . 4	2002
( 2 . 3 - )	2004
( 1 . 4 - )	2005
( 1 . 3 - )	2006
1 . 3	2007

( 2006 – 2004 )

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( ) (2007 – 2004) (2002) 2003  
 ( Friedman Test )  
 (12)

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N	8
Chi – Square	6 . 300
Df	4
Asymp . Sig	0 . 178

( ) (12) ( Chi - Square )  
 (6 . 300) (0 . 178) ( P . value > 0 . 05 )  
 (0 . 05)

(Ho)

(A)

( ... )

(12)

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2003

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 (13)

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 (13)

<b>P &gt; 0 . 05</b>	<b>0 . 470</b>		<b>0 . 530</b>	
<b>P &gt; 0 . 05</b>	<b>0 . 490</b>		<b>- 0 . 510</b>	
<b>P &gt; 0 . 05</b>	<b>0 . 832</b>		<b>- 0 . 168</b>	
<b>P &gt; 0 . 05</b>	<b>0 . 565</b>		<b>0 . 435</b>	
<b>P &gt; 0 . 05</b>	<b>0 . 736</b>		<b>0 . 264</b>	
<b>P &gt; 0 . 05</b>	<b>0 . 547</b>		<b>0 . 453</b>	
<b>P &gt; 0 . 05</b>	<b>0 . 587</b>		<b>0 . 413</b>	

( ) ( ) ( )  
 . (P > 0 . 05 ) (0 . 05)

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(14)

<b>0 . 01</b>	<b>0 . 008</b>		<b>- 0 . 992</b>	
<b>P &gt; 0 . 05</b>	<b>0 . 345</b>		<b>0 . 655</b>	
<b>P &gt; 0 . 05</b>	<b>0 . 474</b>		<b>- 0 . 526</b>	
<b>P &gt; 0 . 05</b>	<b>0 . 328</b>		<b>- 0 . 672</b>	
<b>P &gt; 0 . 05</b>	<b>0 . 802</b>		<b>0 . 198</b>	
<b>0 . 05</b>	<b>0 . 020</b>		<b>0 . 980 *</b>	

( Gudum , 2002 )

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(15)

<b>P &gt; 0 . 05</b>	<b>0.282</b>		<b>0.718-</b>	
<b>P &gt; 0 . 05</b>	<b>0.447</b>		<b>0.553</b>	
<b>P &gt; 0 . 05</b>	<b>0.305</b>		<b>0.695</b>	
<b>P &gt; 0 . 05</b>	<b>0.697</b>		<b>0.303-</b>	
<b>0 . 01</b>	<b>0.006</b>		<b>**0.994-</b>	

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(16)

P > 0.05	0.090		0.910-	
P > 0.05	0.062		0.938-	
P > 0.05	0.719		0.281	
P > 0.05	0.212		0.788	

: ( )  
(17)

P > 0.05	0.017		*0.983	
P > 0.05	0.866		0.134	
P > 0.05	0.361		0.639-	

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(18)

P > 0.05	0.939		0.061	
P > 0.05	0.232		0.768-	

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(19)

> 0.05	0.717		0.283	



## رابعاً / الاستنتاجات والتوصيات

### الاستنتاجات

		2002	-1
(2003)			-2
	2007		
		2007 2002	
		2007	-3
	(3.5)	2002	-4
			-5
			-6
		2004	-7
2007	(11.4)	(2002)	-8
			(1.3)
			<b>التوصيات</b>
			-1
			-2
			-3
			-4
			-5
			-6
			-7

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