

(2006 - 1990)

\* " "

(FDI)

FDI  
%30

FDI

FDI

.1

(1)

(2)(1994 )

(3)(2006 )

.2008/6/28

2006/6/10

\*



FDI (2006 – 2001)		(10)	
3.8	1.5 <sup>(11)</sup>	(Resource – Seeking)	(1)
:		(Market - Seeking)	(2)
		(Efficiency - Seeking)	(3)
( )			
		(FDI)	
(1)	22.4	:	.3
(1996-1990)	45.6		
	9.3		
	1997	1,306,852	2006
800	2000	379,070	
2002	2001	.( %29 )	
436		3,121	
– 2003)	3121	1532	(%0.82 ) %1
		65	.(%0.24)
		(2006	
		FDI	
– 1990	2006	195)	
	336	1996	203.8
.(2000		1996	) 2000
			1990
			.( 1411
(2006 – 2003)	FDI	7.1	
4453	1435		20

2629

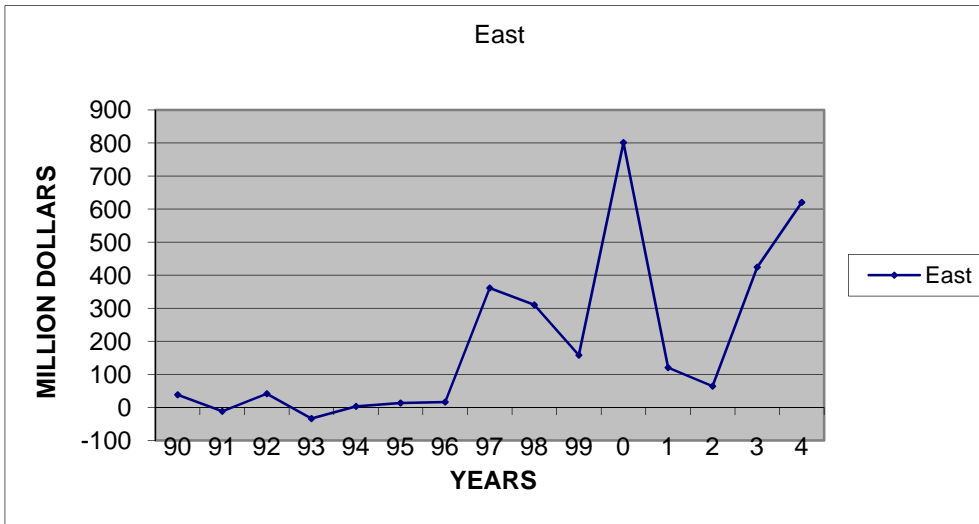
439

(12)

8639

(1)

(UNCTAD)



:(1)

( )

( )

(%2.2 - %0.03)

(%0.9 - %0.6-)

(1989-1975)

.(1996-1990)

% 4

1997

(2002 2001 1999)

(2002-1997)

(1990-1985)

.2006

%21.8

%4.5

%1.2

%3.9

(13)

% 12.3 % 48.5)

(2006-2003)

(% 9.8

(

)

		...	
.2000	2006	(	)
(372)	(2006 - 1996)		
700	(530)		( )
	%38		
(2004 - 1996)	(%38 - %7)	%25.1	1980
2005			2006
.2006		%26.7	% 114.2
%40			
2006			
.(2000 - 1996)	%35		
			( )
		.(UNCTAD FDI Performance Index)	
		FDI	
	.2001 - 2002)		
)	140	(48)	(2004
2000	.(2004 2002 2000	-	-
161			(14)
.(	%37)		(2)
%21.9			.(2005 - 1996)
	%19.5	.2005 2004	
(3)			2000
			2005



(%36)  
 .( %89 )

UNCTAD FDI Potential Index

(12)

(140) (60)

(20)

(Front Runners)

(22)

FDI

(Financial Stability Forum)

(%65)  
 (%50)

(%48)

(%42)

Heritage )  
 "

(Foundation

( )

%50

%31

%14

161 (58)

(2005-1995)

%60

)

.( %31

( )

%15

( %59)

" 2006

(%67)

(155)

(74)

.(%79)

(%59)

(%86)

(%89)

(21)

(%91)

(23)

( )

)

(24)(

.5

(2005 %2.5)  
(%14.8)

-

( )

( )

(Output Y) (Inputs )  
(K ) Capital

(L, Labor)

Technology or )

(Knowledge

(Cobb-Douglas)

(25)

:

(1)  $Y = AL^\alpha K^\beta$



FDI

$\beta \alpha$

$\beta \alpha$

( ) TFP Total Factor Productivity (TFP)

(1)

(4)

$$Y = A(F) L^\alpha K^\beta$$

(L)

(K)

(A)

(A)

(4)

(5)

$$\frac{dY}{Y} = \frac{A_F dF}{A} + \alpha \frac{dL}{L} + \beta \frac{dK}{K}$$

FDI (A<sub>F</sub>) :  
 $\beta = MPK$  (26)

$$dK = I \quad (3)$$

(5)

$$\beta \frac{dK}{K} = MPK \cdot \frac{K}{Y} \cdot \frac{I}{K} = MPK \cdot \frac{I}{Y} \quad (1)$$

$$A_F \frac{dF}{A} \quad (5)$$

$$(2) \quad MPK = \frac{dY}{dK} = \alpha L^\alpha \beta K^{\beta-1}$$

$$A_F \frac{dF}{A} = A_F \frac{Y}{Y} \cdot \frac{dF}{A} = A_F \cdot \frac{Y}{YA} \cdot \frac{dF}{Y}$$

$$\alpha = 1 - \beta \quad \alpha + \beta = 1$$

$$Y = AL^\alpha K^\beta \quad ($$

$$MPK = \frac{A\beta K^{\beta-1}}{L^\alpha} = \frac{A\beta K^{\beta-1}}{L^{\beta-1}} = A\beta \left(\frac{K}{L}\right)^{\beta-1} = A\beta k^{\beta-1}$$

$$A_F \frac{dF}{A} = A_F \frac{AL^\alpha K^\beta}{A} \cdot \frac{FDI}{Y} = A_F L^\alpha K^\beta \cdot \frac{FDI}{Y}$$

$$\beta A \quad (MPK) \quad k = \frac{K}{L}$$

$$\lambda \quad A_F L^\alpha K^\beta$$

$$(A) \quad (k) \quad (MPK)$$

$$A_F \frac{dF}{A} = \lambda \cdot \frac{FDI}{Y}$$

$$\beta \quad (2)$$

$$(3) \beta = \frac{MPK}{AL^\alpha K^{\beta-1}} = \frac{MPK \cdot K}{AL^\alpha K^\beta} = \frac{MPK \cdot K}{Y} = MPK \cdot \frac{K}{Y}$$

/

: (5)

$$(6) \quad \frac{dY}{Y} = \lambda \frac{FDI}{Y} + \alpha \frac{dL}{L} + MPK \frac{I}{Y}$$

" (TFP) (FDI) λ .3

Solow FDI  
TFP FDI "Solow Residual"  
λ  
(6)

(FDI)  
( )

( ) (i)

(27) (FDI)

( ) FDI ( )

QIZ's (Qualifying Industrial Zones)

OLS : (2005 -1975)

$$\frac{dY}{Y} = -0.065 + 0.640 \frac{FDI}{Y} + 1.677 \frac{dL}{L} + 0.184 \frac{I}{Y}$$

(1.034) (3.823) (0.607)

$R^2 = 0.43$

%5 dL/L

:

.1

(QIZ) FDI

(28)

α .2

( ) (0.05)

(GDP)

- (FDI) ( )

(2) (FDI)

- (FDI) MPK .(GDP) .4

: ( ) (FDI)

( )

FDI (1)

(I/Y) (OLS) 1998 ( ) (29)

FDI (2) -1990) %22 (I/Y) %29 (2006-1997) .(1996) .( 1981 %45) ( )

(FDI) (FDI)

)

.( .6

(1)

(1)							
(GDP)	(I)			(FDI)			
.(2006 - 1975)							
.(L)							
.( )							
FDI Stock / GDP (%)	FDI / I (%)	FDI / GDP (%)	GDP	L	I	FDI	Year
	9.3	1.9	1363	264299	275	26	1975
	1.8-	0.5-	1649	293762	416	8-	1976
	1.8	0.5	2054	323226	610	11	1977
	7.5	2.2	2550	352689	750	56	1978
	2.7	0.8	3266	382153	981	26	1979
	2.2	0.8	3962	411617	1520	34	1980
	6.9	3.2	4447	441080	2036	141	1981
	3.3	1.2	4826	470544	1778	59	1982
	2.6	0.7	5037	500007	1476	35	1983
	5.6	1.5	5154	529471	1370	78	1984
	2.5	0.5	5119	590130	975	25	1985
	1.9	0.4	6182	618551	1170	23	1986
	3.0	0.6	6525	637913	1325	40	1987
	1.7	0.4	6050	615058	1372	24	1988
	0.1-	0.02-	4128	615294	964	1-	1989
36.5	3.6	0.9	4020	629661	1046	38	1990
34.7	1.2-	0.3-	4193	654035	996	12-	1991
28.1	2.6	0.8	5366	762508	1543	41	1992
26.1	1.8-	0.6-	5665	840210	1882	34-	1993
23.5	0.1	0.0	6298	865301	1991	3	1994
21.9	0.7	0.2	6815	939803	1992	13	1995
21.5	0.8	0.2	7028	943313	2038	16	1996
25.6	19.3	4.9	7324	939874	1869	361	1997
27.3	18.5	3.9	7963	942482	1675	310	1998
28.5	8.2	1.9	8131	966830	1906	156	1999
37.1	45.6	9.6	8458	984595	1786	815	2000
38.2	7.9	1.5	8972	1013571	1742	138	2001
41.5	4.1	0.8	9558	1029299	1815	74	2002
49.3	20.7	4.3	10157	1050966	2106	436	2003
72.2	23.0	5.6	11511	1138017	2830	651	2004
105.5	51.3	12.2	12539	1183285	2986	1532	2005
		21.8	14316			3121	2006

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: (L) (3)

2006 - 1975 (FDI Stock /GDP) :

.2006 (L) (I)

(2)

(1996 - 2006)

( )								
					( )			
271875	25117	752	9057	40859	75785	347660	251	1996
255560	15863	33226	58752	15844	123684	379244	184	1997
326819	61719	34655	54545	3936	154855	481674	199	1998
364695	45909	37770	70550	29957	184186	548881	312	1999
354896	168492	161955	74334	33598	438379	793275	260	2000
472253	28115	20308	41084	319594	409101	881354	339	2001
169638	22818	62955	31776	13845	131394	301032	310	2002
177946	12354	10065	47536	13760	83715	261660	288	2003
322674	28263	12259	5808	49323	95653	418327	421	2004
473694	212034	11444	39159	13652	276289	749983	557	2005
386522	108059	21595	6609	7050	143313	529835	372	2006**

12 1  
2002 2003/12/30 2003/1/8 2003 .../12/31 - .../1/1  
2002/12/16 2002/1/8  
2006/7/3 2006/1/25 2006 \*\*

(3)

(1996-2005)

(%)	(%)			
37.5	61.5	3237.5	1214.2	
43.9	27.3	1227.8	539.5	
21.7	1.9	177.2	38.4	
11.4	1.2	203.7	23.3	
53.2	0.5	18.8	10	
—	—	26.9	—	
14.6	0.5	61.1	8.9	
66	7	210	138.6	

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$$(6) \quad (27)$$

$$(24)$$

DI  
: (6) (I)  
(FDI

ESCWA, Comparative Study of National Strategies and Policies with Regard to FDI in the ESCWA Region, 5,6.

$$\frac{dY}{Y} = \lambda \frac{FDI}{Y} + \alpha \frac{dL}{L} + MPK \frac{[DI+FDI]}{Y}$$

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$$\frac{dY}{Y} = \lambda \frac{FDI}{Y} + MPK \frac{FDI}{Y} + \alpha \frac{dL}{L} + MPK \frac{DI}{Y}$$

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OLS

$$(26)$$

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$$\ln Y = \ln(A)F + \alpha \ln L + \beta \ln K$$

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$$\frac{dY}{Y} = d \frac{A(F)}{A(F)} + \alpha \frac{dL}{L} + \beta \frac{dK}{K}$$

$$\frac{dY}{Y} = \frac{A_F dF}{A} + \alpha \frac{dL}{L} + \beta \frac{dK}{K}$$

2005

.2005-1990

2006

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:2000-1950

2005

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## **The Impact of Foreign Direct Investment on the Economic Growth of Jordan (1990 - 2006)**

*Buthaina M.A. Al-Muhtaseb \**

### **ABSTRACT**

Various countries in the world, and Jordan is not an exception, have been competing to attract foreign direct investment (FDI). This has been one of the reasons to investigate Jordan's position and to try to study FDI impact on Jordan's economic growth.

FDI inflows to Jordan have considerably increased during the past ten years, reaching an annual average of 30% of the size of total investment. Arab countries (as a group) are considered a major source of these investments, which have been concentrated in the fields of infrastructure, industry, hotels and recently construction.

FDI in Jordan has complemented the inadequate domestic capital, but its role -as has been shown through the application of Cobb-Douglas production function- in the development of labor force in addition to transfer and diffusion of technology has not been materialized yet. This requires pursuing the policies that realize economic and political stability, in addition to developing an effective promotion system that attracts more and better kinds of investments.

**Keywords:** Foreign Direct Investment, Economic Growth, Jordan.

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