

**العائد الاقتصادي للاستثمار في التعليم الجامعي  
في المملكة العربية السعودية**

2003

IRR

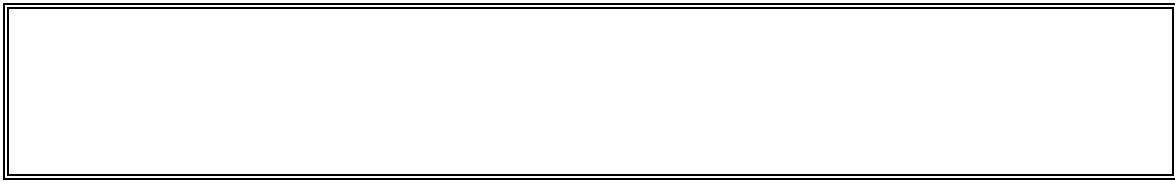
( 2.77% )

( 6.67% )

## **Abstract**

The study's objective is to measure the rate of economic returns for investing on university education in the Kingdom of Saudi Arabia. By utilizing the Internal Rate of Returns (IRR) method of estimation, the study found that the rate at the individual level is (6.67%) and at the social level is (2.77%) .

These results imply that investing on university education in the Kingdom of Saudi Arabia is economically feasible at the individual level, but not at the social level; that is due to high costs born by the state in providing such service and to economic waste associated with it.



( 1377 ) 1957

21

371,522                      1999                      76                      8

( 52,148 ) 1999

. 1997                      6112                      1970                      80

Internal Rate of Return

Net Present Value

.Cost / Benefit Analysis

.( 4 ) 1997 - 1994

- :

-

6.67%

9838.5 ( )  
25,316 ) 6329  
. 2.77% .( )  
282,289 ( ) 98,093 ( )  
( )  
6183.45

Malthus

Marshal

A. Smith

Denison

Bulag

Solow

Schultz

Harbison

G. Becker

IRR

(1935) Walsh

(1985) Psacharopoulos

(1)

(%)	(%)						
21	10	7	8	16	-	<b>1975</b>	<b>1982</b>
-	8.6	-	20	33	47	<b>1973/72</b>	<b>1982</b>
-	-	-	24.86	23.15	21.54	<b>1979</b>	<b>1986</b>
9.72 -3.56	12.23	-	-	-	-	<b>1990/89</b>	<b>* 1991</b>
-	22.2	34	-	-	-	<b>1995</b>	<b>1998</b>

\*

1990 ( )  
1998 31.72% 11.75%  
16.1% 21.6%

(2)

IRR

(%)	(%)	(%)	(%)	
-	7	13.5	20	* 1983
-	-	-	23.63	** [1] 1994
13.08	15.59	-	36.60	2001
10.99	13.41		33.68	
12.11	14.57		35.19	1999

.( )

(1979-1976)

\*

(1991-1986)

\*\*

- (2001)

(1983)

-

(24,523)

(15,000)

( IRR )

IRR

IRR

IRR

IRR

$$\sum_{t=0}^n \frac{B_t - C_t}{(1+r)^t} = 0$$

:

= B<sub>t</sub>

= C<sub>t</sub>

( )

= n

= r

= t

**Private (Individual) Internal Rate of Return**

:

( )

:

**-1**

( )

[2]



. (A1)

[3]

( )

**-2**

( 22 - 19 )

[4]

:

( )

**-3**

[5]

22  
60

1998  
2035

( 38 )

)

-

-

:

=

-

**Social Internal Rate of Return**

( )

\_\_\_\_\_ :

:

**-1**

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+

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.( )

.( 25 -15 )

**-2**

( )

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- (358,380)

=

234,971 = (123,409)

234,971 ( )

. 373,864 ( )

-

IRR

( )

( )

IRR

1995

G. Psacharopoulos

. Microsoft Excel

1997-1994

( )

)

290

:

(

1995

1994

:

[7] 1997-1994

-

: 1997 - 1994

(3)

1997

( )

850

\*

32,789	36,660	-3871	10,200	(6329)
34,829	38,700	-3871	10,200	(6329)
36,869	40,740	-3871	10,200	(6329)
38,909	42,780	-3871	10,200	(6329)
<b>143,396</b>	<b>158,880</b>	<b>-15,484</b>	<b>40,800</b>	<b>(25,316)</b>

107,763

( )

9431

( )

9838.5

( )

( )

6.67%

IRR

( )

(3)

6.67 %

1997-1994

1994

[8]

(6.26%)

1994

( )

IRR

850

)

1000

( )

6329 ( )

( 10200 )

. (3)

( 40800 )

(5%)

-

: 1997-1994

(4)

**1997**

	[9]		
*		( )	
77,077	34,088	42,989	
66,288	21,259	45,029	
68,781	21,712	47,069	
70,143	21,034	49,109	
<b>282,289</b>	<b>98,093</b>	<b>184,196</b>	
<b>107,763</b>		( )	
<b>9431</b>		( )	
<b>6183.45</b>	( )	( )	
<b>2.77%</b>		<b>IRR</b>	( )

1994

2.77 %

6.26%

[10]

(4%)

(44400)

[11]

IRR

IRR

1997-1970

40

[12] 1997

264,484

1970

8492

[13]

IRR

(.. )

( ) ..

- ( ) ( ) [1]  
( )
- [2]
- ( ) [3]  
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- ( ) 290 [6]
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. G. Psachropoulos, 1995 ( ) IRR -  
.Microsoft Excel -
- (r) 1994 [8]  
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(i)
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## المراجع

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1982 \_\_\_\_\_  
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[4] .	[3] . - .	[2] : . - .	[1] .	↓