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**Development Strategies for Saudi Arabia:
Escaping the Rentier State Syndrome;
Strategic Insights, v. 3, issue 3 March 2004)**

Looney, Robert

Monterey, California. Naval Postgraduate School

Strategic Insights, v.3, issue 3 (March 2004)

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Average Growth of Output and Inputs by Country

Middle East	First Year	Output	Growth Rate Per Worker			
			Capital	Human Capital	TFP	TFP/Output
<u>Oil Exporters</u>						
Algeria	1948	3	3.04	1.85	0.76	0.25
Iran	1956	1.56	3.02	2.26	-0.95	-0.61
Iraq	1950	1.14	5.51	1.86	-1.92	-1.68
Kuwait	1980	-0.35	-4.58	1.55	0.12	-0.33
Libya	1960	3.68	4.99	2.47	0.38	0.1
Oman	1970	0.67	4.63	2.11	-2.28	-3.42
Saudi Arabia	1960	0.7	7.73	1.7	-2.99	-4.24
UAE	1980	-3.74	-6.42	1.89	-2.89	0.77
	Average	0.83	2.24	1.96	-1.22	-1.15
<u>Non-Oil exporters</u>						
Egypt	1917	2	2.63	1.14	0.19	0.09
Israel	1948	3.1	4.64	2.2	0.1	0.03
Jordan	1960	1.36	4.16	1.61	-1.09	-0.81
Morocco	1951	1.77	2.54	1.36	0.02	0.01
Syria	1953	0.76	4.37	2.25	-2.19	-2.9
Tunisia	1956	2.61	2.99	2.2	0.15	0.06
Yemen	1970	-0.44	13.24	2.27	-6.33	14.37
	Average	1.59	4.94	1.86	-1.31	1.55
<u>Other Oil Exporters</u>						
Norway	1855	2.05	2.68	0.89	0.57	0.28
Nigeria	1952	0.08	3.76	1.12	-1.91	-22.43
Venezuela	1936	0.55	2.41	1.46	-1.22	-2.21
Ecuador	1950	1.15	3.32	2.13	-1.36	-1.18
Indonesia	1951	1.76	4.21	1.72	-0.78	-0.44
Russia	1917	1.98	3.72	1.74	-0.41	-0.21
Azerbaijan	1990	-6.4	-4.41	2.92	-6.9	1.08
Kazakhstan	1990	-0.65	-1.24	2.47	-1.89	2.91
	Average	0.07	1.81	1.81	-1.74	-2.78
<u>Southern European</u>						
Cyprus	1950	6.03	6.66	1.81	2.62	0.43
Greece	1910	2.85	3.41	1.24	0.89	0.31

Italy	1861	1.79	2.57	0.96	0.3	0.17
Portugal	1849	1.97	2.46	0.75	0.65	0.33
Spain	1857	1.34	1.77	0.82	0.21	0.16
Turkey	1935	1.99	2.12	1.36	0.38	0.19
Average		2.66	3.17	1.16	0.84	0.27

Source: Adapted from: Scott L. Baier, Gerald Dwyer and Robert Tamura

"How Important are Capital and Total Factor Productivity for Growth" (April 2002)