

## References

- Abel-smith, A.Leiserson. (1987) .Making the most of scarce, resources, Health care, who pays. Selected articles from WHO Forum Geneva: WHO, 12-22.
- Acemoglu and Johnson. (2006) .the effect of life expectancy on economic growth NBER Working Paper No. 12269.
- Backlund, Sorlie, & Johnson. (1996). the shape of the relationship between income and mortality in the United States: evidence from the National Longitudinal Mortality Study Annals of Epidemiology: 12-23 .
- Backland, Sorlie, & Johnson. (1999). A comparison of the relationships of education and income with mortality: the national longitudinal mortality study.
- Bhargava.(1997).Nutritional status and the allocation of time in Rwandese households Journal of Econometrics 77. 277–295.
- Behrman (1993) Health and Economic Growth: Theory, Evidence and policy, University of Pennsylvania, Philadelphia, PA, USA.21-53.
- Billings, Zeitel, Lukomnik and Carey. (1993). Impact of socioeconomic status on hospital use in New York City. Health Aff (Millwood) spring; 12(1):162-73.
- Boutayeb and Serghini (2006) Health indicators and human development in the Arab region. Department of Mathematics, University Mohammed Ier, BP: 717, Oujda, Morocco International Journal of Health Geographic's 5:61
- Carrin, Politi. (1996). Exploring health impact of economic growth, poverty reduction and Public expenditure. Geneva W.H.O
- Davis, Schoen, Guterman, Stephen. Schoenbaum and Weinbaum (2007) .Slowing the growth of U.S health care expenditures: what are the options? Bipartisan Congressional Health Policy Conference
- Ecob & Smith. (1999). Income and health: What is the nature of the relationship? Social Science & Medicine 48:693-705,

- Fogel .(1994). Economic growth, population health and physiology: the bearing of long- term Processes on the making of economic policy American Economic Review 84: 369–395.
- Gan & Gong. (2007). Estimating Interdependence between Health and Education in a dynamic model NBER Working Paper No. 12830.
- George. (1983).Economic development, health services, and health. The economics of health in developing country edited by Williams A. Oxford University press: 23-41.
- Gallup, Sachs. (1998). Geography and economic development. Discuss Center for International Development, Harvard University, and Cambridge, MA.
- Jeffery and Chair. (2001). Macroeconomic and health. Investigating in health for economic Development.
- Maeda. (2004). Global Overview and Evolution of Health Financing Systems Seminar on Options for Iraq's Health Sector.
- Mead (1987) .The health sector in developing economy. Economics for health sector analysis. WHO Geneva: 5-24.
- Medact. (2004). Enduring Effects of War: Health in Iraq 2004.
- Ministry of Health, Iraq. (1989). National Child Health survey. Preliminary Report.
- Monaco and Phelps. (1995). Health care prices, the federal budget, and economic growth Health Affairs; 14(2): 248-259.
- Musgrove. (1986). the impact of the economic crisis on health and health care in Latin America and the Caribbean. WHO Chronicle, 0(4):152-57.
- Ruhm. (1996). Social Science & Medicine .Are Recessions Good for your health?" NBER Working Paper No. 5570 and in Quarterly Journal of Economics, 115, pp. 617-50.
- UNDP (2003). Human development report .New York: Oxford University press.

- UNDP.. (2003). Human development report .New York: Oxford University press.
- UNDP. (2004). Human development report .New York: Oxford University press
- UNICEF (1997) the state of the world's Children 1997 New York
- World Bank (1993). World Development Report: Investing in health: 38-65.
- World Bank (1998) World development indicators CD-ROM. The World Bank, Press: 123-1 Washington, DC.
- WHO Regional Office for the Eastern Mediterranean (2006) Social and health indicators for Countries of the Eastern Mediterranean. Cairo: EMRO
- World Health Organization (2006) Child Mortality Coordination Group. Tracking progress in the Millennium Development Goals: towards a consensus about child mortality levels and trend.
- World Health Organization Eastern Mediterranean Regional Office (EMRO) Division of  
Health System and Services Development (2005) Health Policy and Planning Health Systems Profile Country: IRAQ
- WHO. (2006). The World Health Report working together for health Geneva: 13-47.

## Appendix

### Appendix 1 Result from OLS Result of equ 1.1

Variable	Note	Coefficient	Std. Error	t-Statistic	Prob.
Constant	C	102.1455	26.00135	3.928470	0.0001
Per capita GDP (PPP)	LOG(GDP)	-8.484983	4.169943	-2.034796	0.0433
Dependency ratio	DR	0.556312	0.178775	3.111797	0.0022
	GHE	0.332056	0.140659	2.360718	0.0193
Total health expenditure	LOG(THE)	-17.23789	5.036993	-3.422258	0.0008
Gross enrolment ratio	EDU	-0.686338	0.191669	-3.580848	0.0004
Asia and not Asia	DM	-19.81116	5.313378	-3.728543	0.0003
R-squared:	0.875299				
Adjusted R-squared:	0.870529				
S.E. of regression:	17.54262				
F-statistic:	: 183.5022				
Prob(F statistics) :	0.000000				
Number of observation	192				

Appendix 2 Result of OLS Result of equ 1.2

Variable	Note	Coefficient	Std. Error	t-Statistic	Prob.
Constant	C(1)	0.525627	0.532608	0.986893	0.3250
Under 5 mortality rate per 1000 life birth	U5MR	-0.008010	0.001198	-6.686583	0.0000
Dependency ratio	DR	-0.004836	0.003432	-1.409199	0.1604
Dummy ,Asia and not Asia	DM	-0.231033	0.085305	-2.708312	0.0074
k/l gross fixed capital formation /number of pop (proxy of labor)	K/L	0.326224	0.030093	10.84068	0.0000
R-squared	0.749999				
Adjusted R-squared	0.744652				
S.E. of regression	0.485734				
Sum squared resid	44.12027				
Number of observation	192				

### Appendix 3 Result of equ 1.3

variable	Note	Coefficient	Std. Error	t-Statistic	Prob.
constant	C(1)	78.90992	6.200699	12.72597	0.0000
Under 5 mortality rate per 1000 life birth	UN5MR	0.183151	0.025579	7.160536	0.0000
Per capita GDP (PPP)	LOG(GDP)	-6.337087	1.173754	-5.398993	0.0000
Dummy ,Asia and not Asia	DM	3.459395	1.887760	1.832539	0.0685
R-squared	0.615000				
Adjusted R-squared	0.608856				
S.E. of regression	10.69260				
Number of observation	192				

### Appendix 4 Result of equ 2.1

variable	Note	Coefficient	Std. Error	t-Statistic	Prob.
Constant	C(1)	3.913410	0.055758	70.18548	0.0000
Log GDP per capita (ppp)	LOG GDP	0.048770	0.009590	5.085357	0.0000
Dependency ratio	DR	-0.000607	0.000398	-1.527349	0.1284
GHE as percentage of THE	GHE	-0.001349	0.000281	-4.797832	0.0000
Log (total health expenditure)	LOG(THE)	0.024301	0.011124	2.184459	0.0302
Edu(gross enrollment ratio)	EDU	0.002423	0.000375	6.467352	0.0000
Dummy ,Asia and not Asia	DM	0.063751	0.009744	6.542481	0.0000
R-squared	0.808389				
Adjusted R-squared	0.080217				
S.E. of regression	0.056094				

### Appendix 5 Result of equ 2.2

variable	Note	Coefficient	Std. Error	t-Statistic	Prob.
constant	C(1)	-0.341353	13.02771	-0.026202	0.9791
Log(life expectancy)	C(2)	0.775997	2.615833	0.296654	0.7671
Dependency ratio	C(3)	-0.030715	0.022889	-1.341916	0.1813
dummy	C(4)	-0.102696	0.233222	-0.440335	0.6602
Log(k/l)	C(5)	0.234967	0.067236	3.494672	0.0006
R-squared	0.671101				
Adjusted R-squared	0.664066				
S.E. of regression	0.557133				
Number of observation	192				

### Appendix 6 Result of equ 2.3

Variable	Note	Coefficient	Std. Error	t-Statistic	Prob.
constant	C(1)	368.0571	39.11656	9.409241	0.0000
Life Expectancy	LOG (LE)	-65.88777	10.22107	-6.446270	0.0000
GDP	LOG(GDP)	-7.026364	1.176140	-5.974088	0.0000
DM	DUMMY	4.030023	2.013032	2.001967	0.0467
R-squared	0.598699				
Adjusted R-squared	0.592296				
S.E. of regression	10.91661				
Sum squared resid	22404.40				
Number of observation	192				

### Appendix 7 data of 24 countries

country	Under 5 mortality rate per 1000 birth rate	Life expectancy in years	GDP per capita in \$	General government expenditure as percentage of total health expenditure	total health expenditure	Dependency Ratio	EDU	GFCF	LABOR	DM
Bahrain 1997	20	73	158.26	70.1	6.85831	50	81	956455167	622	1
Bahrain 1998	21	73	135.05	70.2	7.99099	49	81	1095781313	640	1
Bahrain 1999	22	71	137.37	69.3	7.60818	44	80	1223810745	657	1
Bahrain 2000	13	72.9	132.43	67.5	5.92916	50	80	1449745036	672	1
Bahrain 2001	8	72.7	148.29	67.0	7.04925	62	81	1479869608	685	1
Bahrain 2002	12	73.2	146.1	66.6	7.55818	47	79	1973159477	696	1
Bahrain 2003	9	71	138.11	66.9	7.43123	46	81	2530464063	706	1
Bahrain 2004	11	74	144.9	67.2	6.88553	44	85	3027519504	716	1
EGYPT 1997	66	65	19.486	37.7	1.02597	70	72	1379194554	63562	i
EGYPT 1998	68	66	19.297	33.7	1.02109	68	74	1487806125	64774	1
EGYPT 1999	70	65	21.687	39.4	1.22868	69	76	1474014180	66016	1
EGYPT2000	45	66.3	22.919	39.7	1.3085	65.00	76	1529181962	67285	1
EGYPT2001	45	66.6	24.942	39.8	1.56825	64	76	1579177765	68585	1
EGYPY2002	41	67.1	28.546	39.8	1.86111	66	76	1705029268	69913	1
EGYPT 2003	39	67	35.991	39.4	2.35992	65	74	1717097220	71267	1
EGYPT2004	36	68	36.961	38.2	2.26695	63	76	1901564492	72642	1
ERITREA 1997	143	51	16.097	51.8	0.68457	89	27	284798534	3220	0
ERITREA 1998	140	46.5	15.673	56.7	0.65318	89	27	317292610	3313	0
ERITREA 1999	139	46.5	18.552	65.0	0.69174	89	26	332020500	3426	0
ERJTEREA 2000	112	44.7	16.561	64.6	0.61453	93.00	26	266783250	3553	0
ERITEREA 2001	115	53.6	21.003	59.2	0.634	88	33	260159027	3707	0
ERITEREA 2002	109	57.6	19.686	50.8	0.67082	91	33	215594162	3857	0
ERETEREA 2003	85	59	16.252	42.6	0.60374	90	35	160077127	4053	0
ERETEREA 2004	82	60	13.224	39.2	0.4238	89	35	151283023	4232	0
IRAN 1997	57	69	41.15	46.5	3.85498	78	72	2.101E+10	64105	1
IRAN 1998	52	70	62.133	44.6	4.30441	75	69	2.189E+10	64918	1
IRAN 1999	46	76.3	69.604	39.6	4.76333	71	73	2.3191E+10	65671	1
IRAN2000	45	68.3	78.621	41.0	5.00176	62.00	73	2.9646E+10	66365	1
IRAN 2001	42	68.6	77.942	41.4	5.5603	66	64	3.7215E+10	66998	1
IRAN 2002	39	68.9	81.042	39.8	5.61957	59	69	4.2818E+10	67587	1
IRAN 2003	41	69	87.954	48.9	7.14822	56	69	4.492E+10	68172	1
IRAN 2004	38	70	51.415	47.8	6.62147	52	72	4.7478E+10	68803	1
IRAQ1997	113	65	7.0909	11.6	0.78344	83	51	1100185737	19185	1
IRAQ 1998	87	63	11.486	54.8	1.14169	82	50	2285552558	19756	1
IRAQ1999	60	62.2	13.865	45.5	0.61107	81	51	1908788554	20339	1
IRAQ 2000	118	60.4	12.984	34.1	0.38081	80.00	50	2258813809	20936	1
IRAQ2001	116	60.6	13.122	30.2	0.57231	79	49	2370544373	21547	1
IRAQ 2002	115	61	12.03	16.8	0.5391	79	48	2085632406	22186	1
IRAQ2003	125	55	6.5214	50.6	0.96038	78	55	1214743759	22797	1
IRAQ 2004	125	55	9.2964	78.5	1.28961	79	56	1769552017	23422	1
KUIWAIT 1997	15	76	238.29	79.7	5.98698	65	57	4353109569	1820	1
KUIWAIT 1998	17	76	287.56	78.8	8.41694	61	58	3319165290	1955	1
KUIWAIT 1999	18	75	160.84	77.2	5.44442	58	59	3579137283	2099	1
KUIWAIT 2000	11	75.4	122.89	78.2	3.98166	37.00	59	5008207982	2230	1
KUIWAIT 2001	11	75.3	158.39	77.7	4.87431	47	54	4832481386	2340	1

KUIWAIT 2002	11	76.4	132.33	78.1	4.82266	38	76	5202024080	2438	1
KUIWAIT 2003	12	77	137.58	77.2	4.28532	38	74	4169830045	2525	1
KUIWAIT 2004	12	77	130.12	77.6	3.6083	36	73	8617455715	2606	1
LEBNON 1997	33	70	20.601	30.2	2.27101	65	76	1038748170	3292	1
LEBNON 1998	32	70	14.252	27.5	2.25467	64	77	922418568	3330	1
LEBNON 1999	33	70	15.565	26.5	2.18796	63	78	723681467	3364	1
LEBNON 2000	34	69.6	14.533	26.2	2.35548	61.00	78	723681467	3398	1
LEBNON 2001	33	69.8	14.248	27.3	2.47778	58	76	777926064	3434	1
LEBNON 2002	32	69.8	13.588	25.0	2.23438	56	78	795081799	3496	1
LEBNON 2003	31	70	15.421	29.0	2.3629	54	79	818881910	3504	1
LEBNON 2004	31	70	17.417	27.4	2.43635	57	84	859816391	3540	1
MURITANEA 1997	178	53	22.535	66.1	0.36935	89	41	1428584492	2496	0
MURITANEA 1998	177	53	25.309	63.9	0.41162	88	42	1224678199	2569	0
MURITANEA 1999	178	52	26.774	64.2	0.43759	88	41	1403439529	2645	0
MURITANEA 2000	173	51.9	28.929	70.7	0.60369	89.00	41	1293439430	2724	0
MURITANEA 2001	174	52	34.376	63.6	0.50995	90	43	1330319729	2807	0
MURITANEA 2002	175	52.1	30.702	73.3	0.78813	87	44	1424349378	2893	0
MURITANEA 2003	184	51	30.658	71.6	0.66045	87	45	1517770920	2980	0
MURITANEA 2004	125	62	28.608	69.4	0.6171	87	46	1955327316	2990	0
MOROCCO 1997	64	66	29.399	30.8	1.28676	62	49	6817287717	27898	0
MOROCCO 1998	65	67	29.887	30.1	1.42402	61	50	7749015256	28343	0
MOROCCO 1999	65	69	30.972	30.6	1.52025	59	52	8134129305	28787	0
MOROCCO 2000	46	69.3	34.291	31.2	1.70463	63.00	52	8239429306	29231	0
MOROCCO 2001	55	69.4	36.386	32.4	1.98381	62	51	8148622845	29675	0
MOROCCO 2002	42	70.8	37.324	32.8	2.02555	57	57	8878623976	30120	0
MOROCCO 2003	39	71	34.097	33.5	1.88054	56	58	1.0133E+10	3540	0
MOROCCO 2004	28	71	33.499	34.3	1.81876	57	58	1.1038E+10	36020	0
QATAR 1997	23	72	202.64	72	6.16974	40	71	3845103430	530	1
QATAR 1998	20	72	242.04	73.0	10.7254	39	74	3154199840	560	1
QATAR 1999	19	72.8	185.02	73.6	8.34072	39	84	2226308581	579	1
QATAR 2000	15	71.7	138.56	75.0	4.84513	39.00	84	3438756980	606	1
QATAR 2001	16	71.7	155.72	74.1	5.61877	39	81	4120777114	642	1
QATAR 2002	14	74.3	150.49	73.6	6.23388	39	82	4649248805	686	1
QATAR 2003	13	74	132.45	73.9	5.1662	39	82	8264482031	733	1
QATAR 2004	12	76	110.45	74.2	3.82946	31	76	8136088031	777	1
Saudi Arabia 1997	28	71	78.48	80.4	2.83337	79	56	2.2055E+10	19728	1
Saudi Arabia 1998	25	71	91.563	79.1	4.70849	78	57	2.3491E+10	20299	1
Saudi Arabia 1999	21	71.8	87.571	76.1	5.18261	77	61	2.5522E+10	20888	1
Saudi Arabia 2000	29	70.3	82.39	76.8	4.86702	78.00	61	2.6741E+10	21484	1
Saudi Arabia 2001	28	70.5	100.09	78.6	4.61996	77	58	2.716E+10	22088	1
Saudi Arabia 2002	28	70.8	92.316	78.2	4.55894	72	57	2.753E+10	22704	1
Saudi Arabia 2003	27	71	91.308	75.9	4.19586	71	57	3.1597E+10	23326	1
Saudi Arabia 2004	27	71	86.014	76.3	4.14912	68	59	3.1006E+10	23950	1
sudan 1997	108	55	28.343	15.3	0.52689	77	34	5303576422	30778	0
sudan 1998	105	55	27.355	18.3	0.64757	77	34	4532678539	31499	0

sudan 1999	102	55.5	14.128	20.3	0.74468	75	34	5196343698	32210	0
sudan 2000	110	56.6	34.751	25.7	0.63817	77.00	34	5969349897	32902	0
sudan 2001	112	55.9	35.929	30.9	0.71129	77	34	8438352768	33568	0
sudan 2002	113	57.1	31.277	30.9	0.6874	76	36	1.1379E+10	34213	0
sudan 2003	93	59	31.823	35.0	0.74975	76	38	1.3862E+10	34856	0
sudan 2004	91	58	29.441	35.4	0.81571	76	37	1.2904E+10	3552	0
syria 1997	39	69	38.181	35.4	1.27601	87	60	2939403219	15556	1
syria 1998	40	68	33.976	38.3	1.28425	84	59	3034107542	15968	1
syria 1999	42	67	48.967	38.4	1.1862	80	63	2955104053	16387	1
syria 2000	27	70.6	35.635	40.4	1.01578	78.00	63	2886660253	16813	1
syria 2001	25	70.9	32.069	44.2	1	76	59	3635048173	17245	1
syria 2002	24	71.2	36.647	45.8	1.14218	70	59	3633957066	17683	1
syria 2003	18	72	38.19	48.2	1.25829	71	62	4133239884	18129	1
syria 2004	16	72	35.025	47.4	1.05545	68	63	4436752351	18582	1
tunisia 1997	46	70	47.223	49.2	2.59323	62	70	3932993206	9227	0
tunisia 1998	40	70	48.061	50.1	2.81156	60	72	4160728771	9342	0
tunisia 1999	33	70	35.538	49.6	3.05311	58	74	4514857575	9453	0
tunisia 2000	30	70.9	64.027	48.5	3.67846	55.00	74	4835964721	9563	0
tunisia 2001	31	71.1	65.653	49.9	4.08849	53	76	5103554010	9673	0
tunisia 2002	32	71.6	71.233	47.1	3.91471	52	75	5026123918	9781	0
tunisia 2003	24	72	63.32	46.6	3.68921	51	74	4865305301	9888	0
tunisia 2004	25	72	64.353	52.1	4.16121	49	75	4981724740	9995	0
turky 1997	35	68.4	67.907	61.1	3.42209	54	61	5.5875E+10	62544	1
turky 1998	39	69	67.113	62.9	3.35458	53	61	5.3698E+10	63459	1
turky 1999	44	69.8	68.846	68.2	4.35874	52	62	4.5277E+10	64345	1
turky 2000	44	68.9	74.949	70.4	4.84853	52.00	62	5.2923E+10	67461	1
turky 2001	55	69	80.158	71.6	6.25036	56	60	3.6229E+10	68618	1
turky 2002	45	70	74.199	72.3	5.59745	57	68	3.583E+10	69626	1
turky 2003	39	70	63.911	72.3	4.81932	56	68	3.9408E+10	71712	1
turky 2004	32	71	63.264	71.4	4.54348	54	69	5.2162E+10	71789	1
Emirate 1997	18	75	179.43	78.9	6.52085	46	69	1.0932E+10	2709	1
Emirate 1998	15	75	178.13	78.8	6.63295	46	68	1.1142E+10	2863	1
Emirate 1999	12	74	167.44	77.5	6.2298	44	68	1.151E+10	3040	1
Emirate 2000	10	74.3	145.31	76.4	4.73129	41.00	68	1.1884E+10	3247	1
Emirate 2001	10	72	174.5	78.3	5.62041	39	67	1.243E+10	3488	1
Emirate 2002	9	72.5	179.98	74.0	4.65874	37	68	1.2686E+10	3756	1
Emirate 2003	8	73	170.48	73.7	4.21563	36	74	1.4015E+10	4031	1
Emirate 2004	8	77	166.94	69.9	3.48841	31	73	1.4749E+10	4281	1
YAMEN 1997	109	58	6.9278	34.9	0.47855	101	49	1410890426	16339	1
YAMEN 1998	123	57	7.0949	40.0	0.69393	102	49	1385301087	16863	1
YAMEN 1999	165	57.5	7.6692	41.1	0.55393	102	51	1236405805	17390	1
YAMEN 2000	110	59.4	6.5182	41.9	0.48499	98.00	51	1360260960	17937	1
YAMEN 2001	194	60	5.8514	41.3	0.56135	111	52	1609909967	18506	1
YAMEN 2002	112	60.4	6.1742	38.3	0.55118	104	53	1628331036	19094	1
YAMEN 2003	113	59	6.017	39.1	0.57517	103	55	1846449224	19707	1
YAMEN 2004	111	59	5.371	38.3	0.48775	96	55	1866011342	20329	1
ALGEREA 1997	52	69	61.079	70.5	1.64387	71	68	1.442E+10	29200	0
ALGEREA 1998	50	69	68.96	73.8	2.08224	70	69	1.4896E+10	29617	0
ALGEREA 1999	49	69.4	74.489	71.9	2.02203	68	72	1.5298E+10	30033	0
ALGEREA 2000	51	69.5	67.714	73.3	1.77114	66.00	72	1.5926E+10	30463	0
ALGEREA 2001	50	69.4	94.687	77.4	2.02779	62	71	1.6324E+10	30914	0

ALGERIA 2002	48	69.7	79.164	75.3	1.98676	60	70	1.7564E+10	31383	0
ALGERIA 2003	41	70	75.404	77.4	1.90251	59	74	1.8706E+10	31866	0
ALGERIA 2004	40	71	68.617	72.5	1.73488	54	73	2.0483E+10	32358	0
Djibouti 1997	162	50	12.951	65.0	0.66357	79	21	200184559	647	0
Djibouti 1998	163	50.5	12.756	65.8	0.65438	80	21	218280338	670	0
Djibouti 1999	165	45	22.727	71.7	0.74552	81	22	44166036.6	693	0
Djibouti 2000	150	49	22.188	71.9	0.76434	87.00	22	45373261.9	715	0
Djibouti 2001	152	49.3	21.745	71.1	0.7597	87	21	41390962.5	733	0
Djibouti 2002	155	49.6	18.139	70.7	0.7779	86	24	54230071.4	750	0
Djibouti 2003	138	55	18.633	67.5	0.70217	86	24	80497475.6	765	0
Djibouti 2004	126	56	17.272	69.2	0.75542	81	24	112693173	779	0
Jordan1997	36	70	29.225	54.7	2.32501	83	66	1428584492	4594	1
Jordan 1998	32	70	25.007	54.9	2.66046	82	69	1224678199	4718	1
Jordan 1999	27	70	27.124	49.1	2.76569	81	55	1403439529	4841	1
Jordan 2000	28	70.7	29.864	46.6	3.00573	71.00	55	1293439430	4972	1
Jordan 2001	28	70.8	29.142	47.0	3.17877	75	77	1330319729	5113	1
Jordan 2002	27	70.8	31.53	48.3	3.29642	48	77	1424349378	5261	1
Jordan 2003	28	71	32.033	46.8	3.32274	69	78	1517770920	5412	1
Jordan 2004	27	71	34.04	48.4	3.46209	69	79	1955327316	5561	1
Libyan 1997	75	56.4	77.538	47.4	2.66337	75	92	4401866148	5001	0
Libyan 1998	56	66	84.26	54.5	3.37653	73	92	3538562612	5101	0
Libyan 1999	37	66	85.779	50.7	2.64267	70	92	3595713357	5203	0
Libyan 2000	20	70	78.09	61.5	2.47259	59.00	92	5030272572	5306	0
Libyan 2001	22	70.4	94.637	77.6	5.86332	58	89	4859072104	5412	0
Libyan 2002	18	72.6	140.24	68.2	7.26794	54	97	5219096617	5519	0
Libyan 2003	16	73	137.54	70.6	6.5	54	96	4062429204	5629	0
Libyan 2004	20	72	119.21	74.9	5.16688	52	94	8395498948	5740	0
Oman1997	31	71	106.73	84.0	3.66459	92	58	2348941281	2234	1
Oman 1998	22	71.5	123.25	81.6	4.79259	90	57	2882495057	2354	1
Oman 1999	18	72	147.83	83.2	4.12907	88	58	2047237413	2402	1
Oman 2000	18	71.5	132.03	81.0	3.20972	87.00	58	2113014292	2442	1
Oman 2001	23	71.6	119.02	82.2	3.67318	86	58	2304908824	2471	1
Oman 2002	15	73.1	135.18	82.8	4.04179	65	63	2351916537	2493	1
Oman2003	12	74	128.66	83.0	3.93538	65	71	2842350843	2511	1
Oman 2004	13	74	134.15	81.4	3.68533	60	68	3672718130	2534	1
Pakistan 1997	99	62	14.541	23.5	0.42895	84	43	1.1772E+10	1E+05	1
Pakistan 1998	99	63	16.546	24.4	0.49928	83	43	1.1242E+10	1E+05	1
Pakistan 1999	99	62	18.929	24.3	0.60641	82	40	1.1809E+10	1E+05	1
Pakistan 2000	110	61.2	20.406	22.4	0.46648	81.00	40	1.1917E+10	1E+05	1
Pakistan2001	110	61.3	21.436	21.5	0.47678	83	36	1.2447E+10	1E+05	1
Pakistan2002	110	61.4	21.247	25.6	0.47294	82	37	1.2402E+10	1E+05	1
Pakistan2003	103	62	20.738	18.3	0.41984	82	35	1.2911E+10	2E+05	1
Pakistan 2004	101	62	20.583	19.6	0.44114	74	38	1.2337E+10	2E+05	1
cyprus 1997	8	78	125.23	34.5	7.00437	56	79	1379194554	753	1
cyprus1998	7	78	151.64	41.1	7.29863	55	81	1487806125	765	1
cyprus 1999	8	76.8	168.96	42.7	7.74869	58	69	1474014180	776	1
cyprus2000	7	76.8	204.64	41.6	9.31508	53.00	69	1529181962	786	1
cyprus 2001	7	76.9	208.44	42.3	9.8782	52	74	1579177765	797	1
cyprus 2002	8	77.3	109.43	44.9	9.87394	51	74	1705029268	807	1
cyprus2003	6	78	138.11	44.7	8.03477	50	78	1717097220	816	1
cyprus 2004	5	79	148	44.3	7.3126	48	79	1901564492	826	1

## BIOGRAPHY

Miss Ban .F.Moussa, Iraqi, was born on 05 December 1964.she graduated from Mustanserea Medical university, Bachelor of Medicine in 1988, had certificate management and planning and certificate management of Disaster.

She worked in many hospitals in Iraq, also as manager of self financing follow up section manger 2001, policy and health planning manager2005 at ministry of health and National health account program focal point with WHO 2005.she has further here study in Master of science in Health Economics, Faculty of Health Economics, Chulalongkorn University in , 2006 .