

FINAL REPORT

Egyptian Psychiatric Informatics in Children, EPIC, and its Role in Medical Education, Training and Decision-Making

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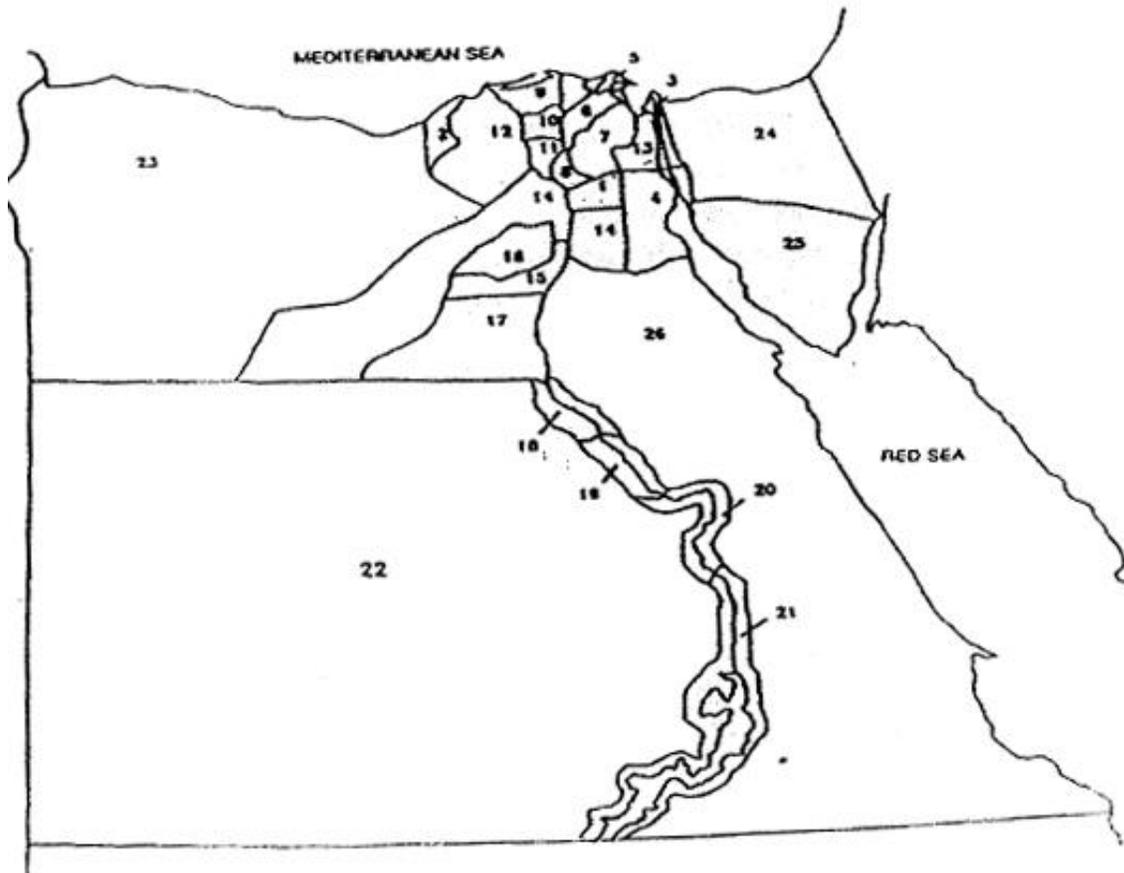
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TABLE OF CONTENTS

	Pages
Egypt Map	6
Abstract	7
Introduction	8
Aim of the Project	9
Methodology	
Meta-Analysis	10
General Major Comments on Results	12
Potentials and Recommendations	13
Limitations	13
Outcome of the Project	13
Sustainability of the Project	13
The Major Results:	
• In Tables	15
• In Figures	40
• In Egyptian Maps	79
References	84
Appendix;	
• List Of Theses Used In The Epic Project	85
• List Of Theses Used In The Epic Project According To The Subject In Alphabetical Orders	95
• Examples Of Web Site Printout	105
Arabic Abstract	109
www.asu-epic.org	

EGYPT MAP

Egypt Map



UPPER GOVERNORATES

- 1 Cairo
- 2 Alexandria
- 3 Port Said
- 4 Suez

LOWER EGYPT

- 5 Damietta
- 6 Dakkalia
- 7 Sharqia
- 8 Matruh
- 9 Matruh
- 10 Matruh
- 11 Matruh
- 12 Matruh
- 13 Matruh

UPPER EGYPT

- 14 Matruh
- 15 Matruh
- 16 Matruh
- 17 Matruh
- 18 Matruh
- 19 Matruh
- 20 Matruh
- 21 Matruh

FRONTIER GOVERNORATES

- 22 Matruh
- 23 Matruh
- 24 Matruh
- 25 Matruh
- 26 Matruh

ABSTRACT

Introduction:

Psychiatry and health related factors among childhood age group, from birth to 18 years, are so important for their health and growing, education, training, and decision-making support. There is a need for the development of an Egyptian Electronic Psychiatric Information DATABASE for Egyptian children, regarding psychiatric and health related risk factors.

Aims of the Project:

Raising the efficiency and performance of young researchers, public health practitioners, pediatricians, and psychiatric to use the new Egyptian national EPIC database electronic system and designing a web site on-line. This database could be used to put strategies for health and psychiatric services and in medical education, training and medical decision making support.

Methodology:

The new EPIC was built through four stages. The first stage was to collect all available information in Egypt, the original data not only the summary, relevant to the psychiatric and related health conditions in childhood age from all sources since 1980-2005, it included 157 studies. The second stage was to enter these data on the computer after proper preparation, so it would be ready to handle with meta-analysis technique, type 3. The third stage: perform the meta-analysis type 3 to allow for re-building these data in one national electronic psychiatric database, to be accessible through the web site; www.asu-epic.org, reporting, meeting, and scientific papers [fourth stage].

Major Results:

The study includes 57,802 subjects from most of the Egyptian universities in the period from 1980 till 2005. The largest number, 27,469 [47.5%] subjects was collected during 1991-1995, the second group was 20,330 [35.2] subjects collected during 1996-2000, and the lowest number was 2,694 [4.7%] collected during 1980-1990. Most of the subjects in this project 38,731 [67%] are not psychiatric, non-CNS, non-pediatric patients. The five leading clinical conditions of children diseases are; neurotic stress-related and somatoform disorders, 4,359 [7.5%], followed by CNS diseases, 3,788 [6.6%], followed by mood [affective disorder] depressive episode, followed by other behavioral and emotional disorders in childhood, 1,794 [3.1%], and hyperkinetic disorders, 1,159 [2.0%].

The most common psychiatric disorders among studied subjects are; mood [affective disorder] depressive episode among females, 2,063 [7.8%] versus 1,499 [4.8%] among males. Followed by neurotic stress-related and somatoform disorder among females, 2,027 [7.7%] versus 2,332 [7.4%] among males.

1. Introduction:

Psychiatry and health related factors among childhood age group, from birth to 18 years, are so important for their health and growing, education, training, and decision-making support. The importance of this childhood age group is related to the sensitivities of this growing age group that may affect them internally within their families and/or externally from their environment. Fortunately, there are many studies, theses, scientific papers, and reports, but they are not electronically connected yet. There is a need for the development of an Egyptian Psychiatric Information DATABASE for Egyptian children, regarding psychiatric and health related risk factors. The new EPIC will build a national

and international electronic database from most the previous information sources through one electronic Psychiatric database of children of many of scattered studies by use of the meta-analysis technique.

2. Aims of the Project:

Raising efficiency and ability of performance of young researchers, public health practitioners, pediatricians, and psychiatric to use the new Egyptian national EPIC database electronic system, to summarize, link, select, exclude and interact with the needs of experts for planning, training, evaluation, and decision-making fields, through the following:

1. Construction of electronic database in the field of psychiatry among Egyptian children
2. Use this database to help put strategies for health and psychiatric services and in medical education, training and supporting medical decision-making.
3. Access this electronic database through designing a web site on-line, meetings, reports, and publishing scientific papers.

3. Methodology:

The new EPIC was built through four stages. The first stage was to collect all information, the original data not just the summary, relevant to the psychiatric and related health conditions in childhood age from all sources since 1980 [many of the theses are available at the Institute of Postgraduate Childhood Studies and other relevant Libraries

were used as basic primary sources of data, 149 studies, six studies were excluded because of lack of some data essential to the project.

The second stage was to enter these data on the computer after proper preparation, so it would be ready to handle with meta-analysis technique, type 3.¹⁻⁴

Validation of Data Entry: data were entered from the original sources by entry trained team, the data entered were reviewed by Mrs. Dina Nasr, the Head of entry team, she is well trained and with strong statistical and science backgrounds, and finally the data were reviewed by Dr. Salah Mostafa, the Medical Epidemiologist and the Project Manager, with consultation with Psychiatrists of the Projects.

The third stage: perform the meta-analysis¹⁻⁴ to allow for re-building these data in one national database.

Adjustment by International Statistical Classification of Diseases Version 10, ICD-10 by World Health Organization, WHO:⁵ This project based on using the available data from the collected studies with different methods for diagnosis. Hence this meta-analysis type three has limitation from this point of view, the only feasible way to overcome was to use adjustment for the different methods of diagnosis, in this case the project team selected ICD-10 as an international tool to standardize the way of diagnosis. The other alternative was to use meta-analysis type 4, which needs long arrangement preparation, beside its high costs.

Meta-Analysis:¹⁻⁴ The recent use of review manuscript and meta-analysis has become an important part of clinical research, mainly for reconstructing previously conducted studies that have inconsistent results and/or with limited number of cases [subjects]. **Four meta-analysis methods summarizing data from clinical studies are described; Type 1.**

Qualitative summary, Type 2. Quantitative summary from published data, Type 3. Re-analysis of individual data based on primary data [pooled analysis], Type 4. Prospective planned pooled analysis of several studies. The rationale for meta-analysis and the statistical methods used is beyond the scope of this meeting.

The fourth stage allows the use of the new national psychiatric database to be accessible by any one interested in psychiatric national database and related health data. This stage makes these data accessible electronically [dissemination], by reporting, meeting, and scientific papers [in preparation].

In the preliminary analysis by SPSS version 12,⁶ the data were presented in four time-periods, 1980-1990, 1991-1995, 1996-2000, 2001-2005, and finally for all study years, i.e. 1980-2005, 56,912 children. Also, this short form was coded according to ICD-10,⁵ and Egypt Map by Epi Info.^{7,8}

Advanced analysis will be used in preparing scientific paper based on data generated from this project, using advanced statistical package; SPSS version 12⁴ and EPI INFO 2005.⁵ Distribution of the psychiatric diseases in this study will be presented in the form of disease map using EPI MAP 2000⁶ developed by CDC, Atlanta, USA, in future publications.

General Major Comments on Results:

The study includes 57,802 subjects from many Egyptian universities in the period from 1980 till 2005. The largest number, 27,469 [47.5%] subjects were collected during 1991-1995, the second group was 20,330 [35.2%] subjects collected during 1996-2000, and the lowest number was 2,694 [4.7%] collected during 1980-1990. Most of the subjects in this project 38,731 [67%] are not psychiatric, non-CNS, non-pediatric patients. The five leading clinical conditions of children diseases are; neurotic stress-related and somatoform disorders, 4,359 [7.5%], followed by CNS diseases, 3,788 [6.6%], followed by mood [affective disorder] depressive episodes, followed by other behavioral and emotional disorders in childhood, 1,794 [3.1%], and hyperkinetic disorders, 1,159 [2.0%], Tables 1 and 2, Figures 1 and 2.

The studies included in this project are from nine Egyptian universities. The majority of subjects from Ain-Shams university, 30,243 [52.3%], followed by Zakazic university, 8,624 [14.9%], followed by Menoufia university, 7,565 [13.1%], followed by Cairo university, 4,598 [8%], followed by Mansoura University, 2,102 [3.6%], Table 31. The subjects of this project come from 13 governorates, the majority of the subjects come from Cairo governorate, 21,294 [36.8%], followed by Sharkia governorate, 8,704 [15.1%], followed by Menoufia, 7,669 [13.3%], followed by Kalyubia, 5,941 [10.3%], and 5,096 [8.8%] subjects from Giza governorate, Table 32.

The most common psychiatric disorders among studied subjects are; mood [affective disorder] depressive episode among females, 2,063 [7.8%] versus 1,499 [4.8%] among males. Followed by neurotic stress-related and somatoform disorder among females, 2,027 [7.7%] versus 2,332 [7.4%] among males, Table 33.

Also, this report shows the age, Intelligence Quotation, IQ, body weight, height, body Mass Index, BMI pattern among studied subjects, Tables 34-38. Relevant data are presented in Tables 3-30, presented in four periods of times; first period 1980-1990, second period 1991-1995, third period 1996-2000, and fourth period 2001-2005.

Potentials and Recommendations:

The potentials and recommendation of this Project are; to develop a complete national of electronic psychiatric database that covers most of the Egyptian communities. Advanced and multiple analysis would be used in the future in preparation of scientific paper based on the data generated from this project. Also, the project team is looking to link and build similar electronic psychiatric database for the rest of the Arab countries.

Limitations:

There is lack of cooperation of some of the libraries in providing the project with the needed theses. Also, there were some administrative difficulties. Seven studies were excluded because their data are not combatable with the included studies.

4. Outcomes of the Project:

1. Identification of resources and putting psychiatric health information in action.
2. Establishing electronic bibliographic database of Egyptian children
3. Established an on-line web site, www.asu-epic.org
4. Meeting and written reports with outcomes of the project

5. Encourage and enhancement of medical educators to use the electronic psychiatric database.
6. Support decision-making regarding the psychiatric and related health conditions of Egyptian children particularly regarding the health, educational, and medical services that they need.
7. Abstract scientific papers from EPIC electronic database in preparation.

4. Sustainability Plan of EPIC:

The sustainability of this project is so important to maintain and update the EPIC electronic database. This sustainability will depend on the following plan,

1. Offer the electronic EPIC electronic database for the next two years on the web site; www.asu-epic-org
2. Offer the major Egyptian outcomes of EPIC on the project web site free of charge
3. Any other specific request from the EPIC project team will be offered by the project team for service fees.
4. Offer the final major report as gift to interested universities, governmental and non-governmental educational agencies, health and educational agencies. Also, the project team will offer this report and other generated printed materials from this electronic database, and training meetings at cost to raise funds.
5. The project team is in contact with other agencies to raise funds to maintain and update the project.

The Major Results:

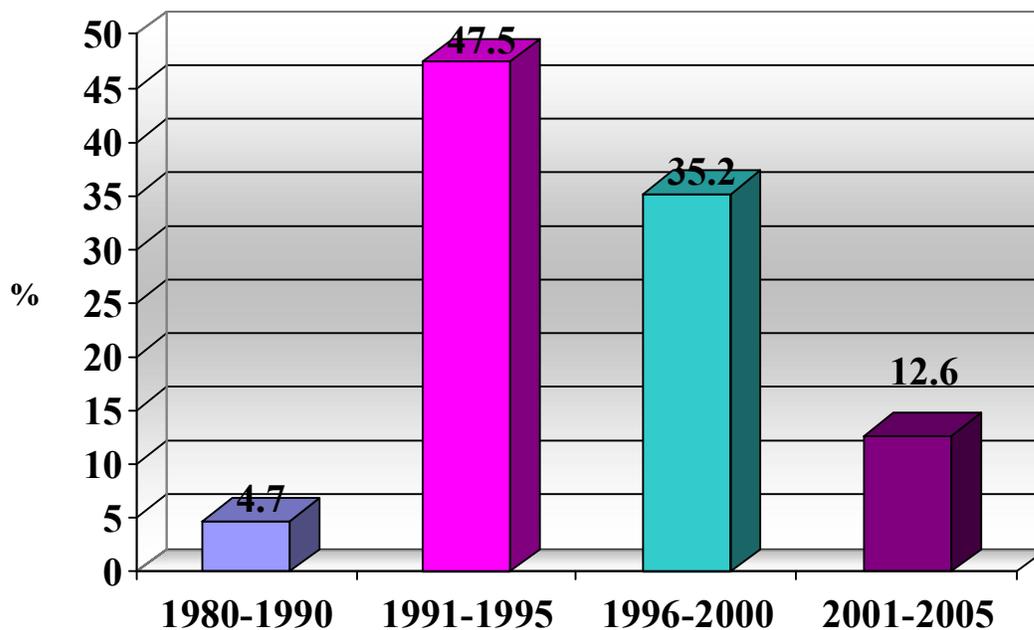
The Whole Study Period, 1980-2005:

Table (1): Egyptian Distribution of Pediatric Psychiatric of Major Diagnoses, Adjusted by ICD-10, by Studies Years, 1980-2005

0211G STUDY YEAR

	Frequency	Percent
Valid 2005=2001-2005	7309	12.6
2000=1996-2000	20330	35.2
1995=1991-1995	27469	47.5
1990=1980-1990	2694	4.7
Total	57802	100.0

Fig. (1): Egyptian Distribution of Pediatric Psychiatric of Major Diagnoses, Adjusted by ICD-10, by Studies Years, 1980-2005

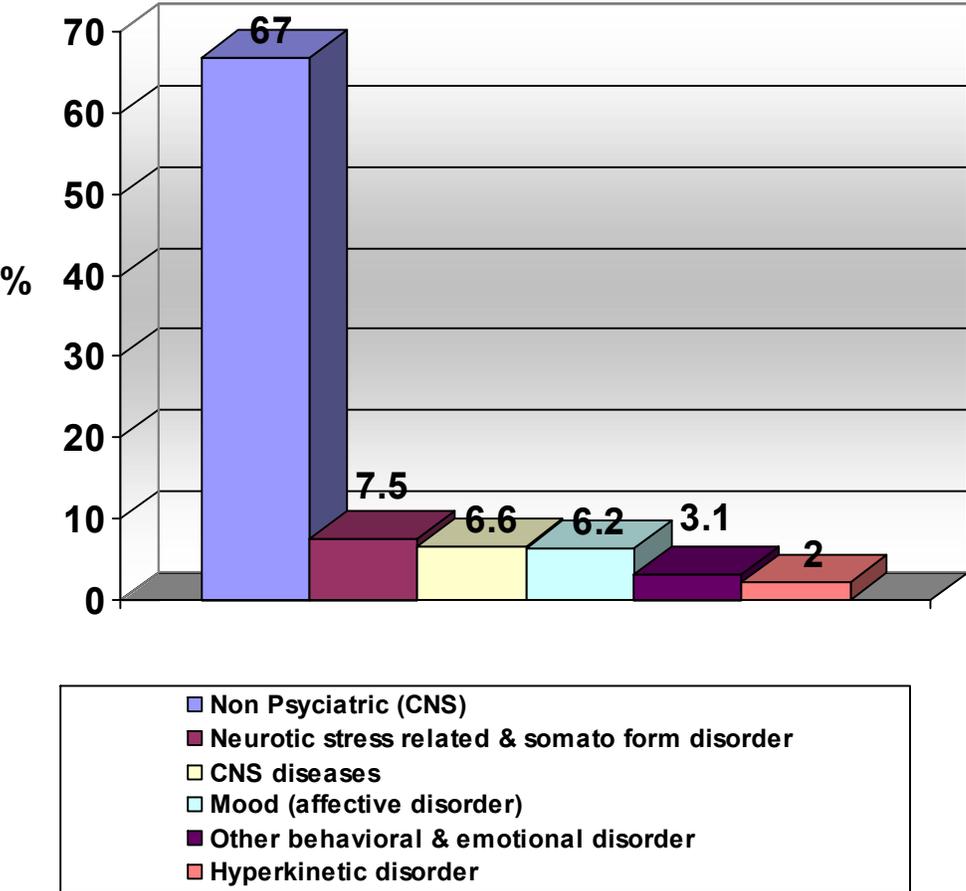


**Table (2): Egyptian Distribution of Pediatric Psychiatric of Major diagnoses
Adjusted for ICD-10, 1980-2005**

611 ICD-10C MASTER DIAGNOSIS

		Freque ncy	Perce nt
Valid	0=NON PYSCHIATRIC / CNS / PEDIATRIC DISORDERS	38731	67.0
	F42=NEUROTIC STRESS-RELATED & SOMATOFORM DISORD	4359	7.5
	11=CNS DISEASES	3788	6.6
	F32=MOOD [AFFECTIVE DISORDER] DEPRESSIVE EPISODE	3562	6.2
	F89=OTHER BEHAVIORAL & EMOTIONAL DISOR IN CHILDHOOD	1794	3.1
	F90=HYPERKINETIC DISORDER	1159	2.0
	F70-F79=MENTAL RETARDATION	1093	1.9
	F43=REACTION TO SEVER STRESS & ADJUSTEMNT DISOR	994	1.7
	33=PEDIATRIC DISEASES	638	1.1
	22=PERSONALITY TRAIT NOT IN ICD-10	456	.8
	F81=SPECIFIC DEVELOPMENTAL DISORDER OF SCHOLASTIC SKILLS	415	.7
	F91=CD CONDUCT DISORDER	242	.4
	F18=MENTAL & BEHAV DISORD DUE TO PSYCHOACTIVE SUBSTANCE	177	.3
	F80=SPECIFIC DEVELOPMENT DISOR OF SPEECH & LANGUAGE	100	.2
	F91.3=ODD OPPOSITIONAL DEFIANT DISORDER	96	.2
	F12=MENTAL & BEHAV DISOR DUE TO USE OF CANNABINOID	64	.1
	F84=PERVASIVE DEVELOPMENT DISORDER	45	.1
	F93=EMOTIONAL DISORDERS WITH ONSET SPECIFIC IN CHILDHOOD	44	.1
	F95=TIC DISORDER	25	.0
	F50=EATING DISORDER	10	.0
	F66=PSYCHOL & BEHAV DIS ASSOC WITH SEXUAL DEVEL & ORIEN	10	.0
	Total	57802	100.0

Fig. (2): Egyptian Distribution of Pediatric Psychiatric of Major diagnoses adjusted for ICD-10 [1980 – 2005]



First Study Period, 2001-2005:

Table (3): Egyptian Distribution of Pediatric Psychiatric of Major diagnoses by Universities, 2001-2005

022 SITE UNIVER

	Frequency	Percent
Valid 1=AIN SHAMS UN	2788	38.1
2= CAIRO UN	2026	27.7
3=MANSOURA UN	1000	13.7
10=CANAL EL-SWEZ UN	471	6.4
6=ALEXANDRIA UN	386	5.3
11=ZAKAZIC	235	3.2
5=ASSUIT UN	216	3.0
12=MENOUFIA	160	2.2
9=ALAZHAR UN	27	.4
Total	7309	100.0

Table (4): Egyptian Distribution of Pediatric Psychiatric of Major diagnoses by Governorates, 2001-2005

023 SITE GOV

	Frequency	Percent
Valid 1=CAIRO	3471	47.5
6=DUKHALIA	1000	13.7
15=BENI SUEF	836	11.4
3=PORT SAID	400	5.5
2=ALEXANDRIA	386	5.3
11=MENOUFIA	264	3.6
4=SUEZ	240	3.3
13=ISMAILIA	231	3.2
18=ASSUIT	216	3.0
7=SHARKIA	205	2.8
14=GIZA	60	.8
Total	7309	100.0

Table (5): Egyptian Distribution of Pediatric Psychiatric of Major diagnoses by Sex, 2001-2005

611 ICD-10C MASTER DIAGNOSIS * 3 SEX Crosstabulation

			3 SEX		Total
			1= MALE	2= FEMALE	
611 ICD-10C MASTER DIAGNOSIS	0=NON PYSCHIATRIC / CNS / PEDIATRIC DISORDERS	Count	1486	1731	3217
		% within 3 SEX	39.7%	48.5%	44.0%
	11=CNS DISEASES	Count	631	530	1161
		% within 3 SEX	16.9%	14.9%	15.9%
	F12=MENTAL & BEHAV DISOR DUE TO USE OF CANNABINOID	Count	64	0	64
		% within 3 SEX	1.7%	.0%	.9%
	F18=MENTAL & BEHAV DISORD DUE TO PSYCHOACTIVE SUBSTANCE	Count	140	32	172
		% within 3 SEX	3.7%	.9%	2.4%
	22=PERSONALITY TRAIT NOT IN ICD-10	Count	47	12	59
		% within 3 SEX	1.3%	.3%	.8%
	F32=MOOD [AFFECTIVE DISORDER] DEPRESSIVE EPISODE	Count	52	5	57
		% within 3 SEX	1.4%	.1%	.8%
	33=PEDIATRIC DISEASES	Count	129	156	285
		% within 3 SEX	3.4%	4.4%	3.9%
	F42=NEUROTIC STRESS-RELATED & SOMATOFORM DISORD	Count	518	459	977
		% within 3 SEX	13.9%	12.9%	13.4%
	F43=REACTION TO SEVER STRESS & ADJUSTEMNT DISOR	Count	103	47	150
		% within 3 SEX	2.8%	1.3%	2.1%
	F70-F79=MENTAL RETARDATION	Count	70	112	182
		% within 3 SEX	1.9%	3.1%	2.5%
	F80=SPECIFIC DEVELOPMENT DISOR OF SPEECH & LANGUAGE	Count	11	18	29
		% within 3 SEX	.3%	.5%	.4%
	F81=SPECIFIC DEVELOPMENTAL DISORDER OF SCHOLASTIC SKILLS	Count	176	239	415
		% within 3 SEX	4.7%	6.7%	5.7%
	F84=PERVASIVE DEVELOPMENT DISORDER	Count	33	12	45
		% within 3 SEX	.9%	.3%	.6%
F89=OTHER BEHAVIORAL & EMOTIONAL DISOR IN CHILDHOOD	Count	98	114	212	
	% within 3 SEX	2.6%	3.2%	2.9%	
F90=HYPERKINETIC DISORDER	Count	92	61	153	
	% within 3 SEX	2.5%	1.7%	2.1%	
F91=CD CONDUCT DISORDER	Count	77	14	91	
	% within 3 SEX	2.1%	.4%	1.2%	
F91.3=ODD OPPOSITIONAL DEFIANT DISORDER	Count	10	0	10	
	% within 3 SEX	.3%	.0%	.1%	
F93=EMOTIONAL DISORDERS WITH ONSET SPECIFIC IN CHILDHOOD	Count	0	27	27	
	% within 3 SEX	.0%	.8%	.4%	
F95=TIC DISORDER	Count	3	0	3	
	% within 3 SEX	.1%	.0%	.0%	
Total	Count	3740	3569	7309	
	% within 3 SEX	100%	100%	100.0%	

Table (6): Egyptian Mean Age of Pediatric Psychiatric Study Subjects by Major diagnoses, 2001-2005

Report

2 AGE

611 ICD-10C MASTER DIAGNOSIS	Mean	N	Std. Deviation
0=NON PYSCHIATRIC / CNS / PEDIATRIC DISORDERS	10.60	3217	3.2692
11=CNS DISEASES	9.546	1161	4.5885
F12=MENTAL & BEHAV DISOR DUE TO USE OF CANNABINOID	16.94	64	1.3305
F18=MENTAL & BEHAV DISORD DUE TO PSYCHOACTIVE SUB	10.90	172	2.1647
22=PERSONALITY TRAIT NOT IN ICD-10	10.24	59	1.8097
F32=MOOD [AFFECTIVE DISORDER] DEPRESSIVE EPISODE	12.10	57	1.1128
33=PEDIATRIC DISEASES	9.382	285	4.0861
F42=NEUROTIC STRESS-RELATED & SOMATOFORM DISORD	13.57	977	3.0805
F43=REACTION TO SEVER STRESS & ADJUSTEMNT DISOR	10.33	150	1.7716
F70-F79=MENTAL RETARDATION	9.168	182	3.2048
F80=SPECIFIC DEVELOPMENT DISOR OF SPEECH & LANGUA	11.48	29	1.4733
F81=SPECIFIC DEVELOPMENTAL DISORDER OF SCHOLASTIC	15.55	415	1.6591
F84=PERVASIVE DEVELOPMENT DISORDER	7.177	45	1.9500
F89=OTHER BEHAVIORAL & EMOTIONAL DISOR IN CHILDHO	10.26	212	2.2088
F90=HYPERKINETIC DISORDER	9.113	153	2.1992
F91=CD CONDUCT DISORDER	10.47	91	2.0252
F91.3=ODD OPPOSITIONAL DEFIANT DISORDER	11.10	10	1.4491
F93=EMOTIONAL DISORDERS WITH ONSET SPEICIFIC IN CHI	12.50	27	.0000
F95=TIC DISORDER	12.50	3	.0000
Total	11.04	7309	3.7543

Table (7): Egyptian Mean IQ of Pediatric Psychiatric Study Subjects by Major diagnoses, 2001-2005

Report

11 IQ

611 ICD-10C MASTER DIAGNOSIS	Mean	N	Std. Deviation
0=NON PSYCHIATRIC / CNS / PEDIATRIC DISORDERS	94.485	619	12.27
11=CNS DISEASES	87.440	564	6.4447
F18=MENTAL & BEHAV DISORD DUE TO PSYCHOACTIVE SUBSTANCE	103.091	77	14.15
22=PERSONALITY TRAIT NOT IN ICD-10	83.761	59	11.22
F32=MOOD [AFFECTIVE DISORDER] DEPRESSIVE EPISODE	77.500	4	15.00
33=PEDIATRIC DISEASES	64.750	100	18.28
F42=NEUROTIC STRESS-RELATED & SOMATOFORM DISORD	118.465	254	7.5315
F43=REACTION TO SEVER STRESS & ADJUSTMENT DISOR	95.833	90	12.06
F70-F79=MENTAL RETARDATION	62.057	77	7.7221
F80=SPECIFIC DEVELOPMENT DISORD OF SPEECH & LANGUAGE	73.458	12	13.10
F81=SPECIFIC DEVELOPMENTAL DISORDER OF SCHOLASTIC SKILLS	114.764	415	1.5163
F89=OTHER BEHAVIORAL & EMOTIONAL DISORD IN CHILDHOOD	64.545	22	12.75
F90=HYPERKINETIC DISORDER	103.281	72	12.34
F91=CD CONDUCT DISORDER	99.974	35	10.02
F91.3=ODD OPPOSITIONAL DEFIANT DISORDER	98.500	10	13.75
F95=TIC DISORDER	61.167	3	2.0207
Total	96.557	2413	17.97

Table (8): Egyptian Mean BMI Age of Pediatric Psychiatric Study Subjects by Major diagnoses, 2001-2005

Report

0612 BMI

611 ICD-10C MASTER DIAGNOSIS	Mean	N	Std. Deviation
0=NON PSYCHIATRIC / CNS / PEDIATRIC DISORDERS	15.541	30	1.4846
11=CNS DISEASES	15.929	60	1.1763
33=PEDIATRIC DISEASES	21.869	40	2.3186
Total	17.667	130	3.2687

Second Study Period, 1996-2000:

Table (9): Egyptian Distribution of Pediatric Psychiatric of Major Diagnoses by Universities, 1996-2000

SITEUN022 022 SITE UNIVER

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 1=AIN SHAMS UN	9446	46.5	46.5	46.5
	12 12=MENOUFIA	7290	35.9	35.9	82.3
	5 5=ASSUIT UN	1018	5.0	5.0	87.3
	9 9=ALAZHAR UN	1000	4.9	4.9	92.2
	6 6=ALEXANDRIA UN	622	3.1	3.1	95.3
	10 10=CANAL EL-SWEZ UN	444	2.2	2.2	97.5
	2 2= CAIRO UN	360	1.8	1.8	99.3
	3 3=MANSOURA UN	150	.7	.7	100.0
	Total	20330	100.0	100.0	

Table (10): Egyptian Distribution of Pediatric Psychiatric of Major Diagnoses by Governorates, 1996-2000

SITEGOV023 023 SITE GOV

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	11 11=MENOUFIA	7290	35.9	35.9	35.9
	1 1=CAIRO	5960	29.3	29.3	65.2
	8 8=KALYUBIA	3756	18.5	18.5	83.6
	2 2=ALEXANDRIA	2152	10.6	10.6	94.2
	18 18=ASSUIT	518	2.5	2.5	96.8
	13 13=ISMAILIA	250	1.2	1.2	98.0
	3 3=PORT SAID	194	1.0	1.0	99.0
	6 6=DUKHALIA	150	.7	.7	99.7
	14 14=GIZA	50	.2	.2	100.0
	7 7=SHARKIA	10	.0	.0	100.0
	Total	20330	100.0	100.0	

**Table (11): Egyptian Distribution of Pediatric Psychiatric of Major Diagnoses by Sex,
Adjusted by ICD-10, 1996-2000**

MASTDIAG611ICD10C 611 ICD-10C MASTER DIAGNOSIS * sex3 3 SEX Crosstabulation

			sex3 3 SEX		Total
			1 1= MALE	2 2= FEMALE	
MASTDIAG6 11ICD10C 611 ICD-10C MASTER DIAGNOSIS	.0 0=NON PYSCHIATRIC / CNS / PEDIATRIC DISORDERS	Count	6129	5760	11889
		% within sex3 3 SEX	55.7%	61.7%	58.5%
	11.0 11=CNS DISEASES	Count	854	580	1434
		% within sex3 3 SEX	7.8%	6.2%	7.1%
	18.0 F18=MENTAL & BEHAV DISORD DUE TO PSYCHOACTIVE SUBSTANCE	Count	5	0	5
		% within sex3 3 SEX	.0%	.0%	.0%
	22.0 22=PERSONALITY TRAIT NOT IN ICD-10	Count	121	34	155
		% within sex3 3 SEX	1.1%	.4%	.8%
	32.0 F32=MOOD [AFFECTIVE DISORDER] DEPRESSIVE EPISODE	Count	1364	1677	3041
		% within sex3 3 SEX	12.4%	18.0%	15.0%
	33.0 33=PEDIATRIC DISEASES	Count	20	8	28
		% within sex3 3 SEX	.2%	.1%	.1%
	42.0 F42=NEUROTIC STRESS-RELATED & SOMATOFORM DISORD	Count	837	875	1712
		% within sex3 3 SEX	7.6%	9.4%	8.4%
	43.0 F43=REACTION TO SEVER STRESS & ADJUSTEMNT DISOR	Count	812	0	812
		% within sex3 3 SEX	7.4%	.0%	4.0%
	70.0 F70-F79=MENTAL RETARDATION	Count	358	188	546
	% within sex3 3 SEX	3.3%	2.0%	2.7%	
80.0 F80=SPECIFIC DEVELOPMENT DISOR OF SPEECH & LANGUAGE	Count	35	32	67	
	% within sex3 3 SEX	.3%	.3%	.3%	
89.0 F89=OTHER BEHAVIORAL & EMOTIONAL DISOR IN CHILDHOOD	Count	23	41	64	
	% within sex3 3 SEX	.2%	.4%	.3%	
90.0 F90=HYPERKINETIC DISORDER	Count	364	128	492	
	% within sex3 3 SEX	3.3%	1.4%	2.4%	
91.0 F91=CD CONDUCT DISORDER	Count	57	11	68	
	% within sex3 3 SEX	.5%	.1%	.3%	
93.0 F93=EMOTIONAL DISORDERS WITH ONSET SPEICIFIC IN CHILDHOOD	Count	15	2	17	
	% within sex3 3 SEX	.1%	.0%	.1%	
Total	Count	10994	9336	20330	
	% within sex3 3 SEX	100%	100.0%	100%	

Table (12): Egyptian Mean Age of Pediatric Psychiatric Study Subjects by Major Diagnoses, Adjusted by ICD-10, 1996-2000

Report

age2 2 AGE

MASTDIAG611ICD10C 611 ICD-10C MASTER DIAGNOSIS	Mean	N	Std. Deviation
.0 0=NON PYSCHIATRIC / CNS / PEDIATRIC DISORDERS	9.815	11889	1.9681
11.0 11=CNS DISEASES	9.789	1434	2.8402
18.0 F18=MENTAL & BEHAV DISORD DUE TO PSYCHOACTIVE SUBSTANCE	16.400	5	.5477
22.0 22=PERSONALITY TRAIT NOT IN ICD-10	8.970	155	2.1233
32.0 F32=MOOD [AFFECTIVE DISORDER] DEPRESSIVE EPISODE	8.827	3041	5.1527
33.0 33=PEDIATRIC DISEASES	.700	28	.0000
42.0 F42=NEUROTIC STRESS-RELATED & SOMATOFORM DISORD	11.825	1712	2.8775
43.0 F43=REACTION TO SEVER STRESS & ADJUSTEMNT DISOR	12.981	812	.5027
70.0 F70-F79=MENTAL RETARDATION	8.556	546	2.7207
80.0 F80=SPECIFIC DEVELOPMENT DISOR OF SPEECH & LANGUAGE	8.027	67	2.9599
89.0 F89=OTHER BEHAVIORAL & EMOTIONAL DISOR IN CHILDHOOD	7.604	64	4.2474
90.0 F90=HYPERKINETIC DISORDER	7.636	492	2.1895
91.0 F91=CD CONDUCT DISORDER	8.538	68	3.6320
93.0 F93=EMOTIONAL DISORDERS WITH ONSET SPECIFIC IN CHILDHOOD	2.900	17	.0000
Total	9.834	20330	3.0386

Table (13): Egyptian Mean IQ of Pediatric Psychiatric Study Subjects by Major Diagnoses, Adjusted by ICD-10, Adjusted by ICD-10, 1996-2000

Report

IQ11 11 IQ

MASTDIAG611ICD10C 611 ICD-10C MASTER DIAGNOSIS	Mean	N	Std. Deviation
.0 0=NON PYSCHIATRIC / CNS / PEDIATRIC DISORDERS	100.108	462	14.7493
11.0 11=CNS DISEASES	88.161	868	12.3320
18.0 F18=MENTAL & BEHAV DISORD DUE TO PSYCHOACTIVE SUBSTANCE	113.000	5	16.0468
22.0 22=PERSONALITY TRAIT NOT IN ICD-10	103.600	50	13.5164
42.0 F42=NEUROTIC STRESS-RELATED & SOMATOFORM DISORD	90.040	466	4.1365
43.0 F43=REACTION TO SEVER STRESS & ADJUSTEMNT DISOR	111.440	612	.0000
70.0 F70-F79=MENTAL RETARDATION	68.149	546	10.1846
80.0 F80=SPECIFIC DEVELOPMENT DISOR OF SPEECH & LANGUAGE	122.050	30	3.7124
89.0 F89=OTHER BEHAVIORAL & EMOTIONAL DISOR IN CHILDHOOD	100.000	16	.0000
90.0 F90=HYPERKINETIC DISORDER	90.684	70	8.2785
91.0 F91=CD CONDUCT DISORDER	92.750	20	5.7816
Total	92.004	3145	17.2579

Table (14): Egyptian Mean Weight of Pediatric Psychiatric Study Subjects by Major Diagnoses, Adjusted by ICD-10, 1996-2000

Report

WT0610 0610 WT

MASTDIAG611ICD10C 611 ICD-10C MASTER DIAGNOSIS	Mean	N	Std. Deviation
43.0 F43=REACTION TO SEVER STRESS & ADJUSTEMNT DISOR	43.000	200	3.5088
Total	43.000	200	3.5088

Table (15): Egyptian Mean Height of Pediatric Psychiatric Study Subjects by Major Diagnoses, Adjusted by ICD-10, 1996-2000

Report

HT0611C 0611 HT CM

MASTDIAG611ICD10C 611 ICD-10C MASTER DIAGNOSIS	Mean	N	Std. Deviation
43.0 F43=REACTION TO SEVER STRESS & ADJUSTEMNT DISOR	152.750	200	2.7569
Total	152.750	200	2.7569

Third Study Period, 1991-1995:

Table (16): Egyptian Distribution of Pediatric Psychiatric of Major Diagnoses by Universities, 1991-1995

SITEUN022 022 SITE UNIVER

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 1=AIN SHAMS UN	15924	58.0	58.0	58.0
11 11=ZAKAZIC	7804	28.4	28.4	86.4
2 2= CAIRO UN	2212	8.1	8.1	94.4
3 3=MANSOURA UN	952	3.5	3.5	97.9
10 10=CANAL EL-SWEZ UN	238	.9	.9	98.8
5 5=ASSUIT UN	224	.8	.8	99.6
12 12=MENOUFIA	115	.4	.4	100.0
Total	27469	100.0	100.0	

Table (17): Egyptian Distribution of Pediatric Psychiatric of Major Diagnoses by Governorates, 1991-1995

SITEGOV023 023 SITE GOV

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 1=CAIRO	10951	39.9	39.9	39.9
7 7=SHARKIA	7904	28.8	28.8	68.6
14 14=GIZA	4847	17.6	17.6	86.3
8 8=KALYUBIA	2185	8.0	8.0	94.2
6 6=DUKHALIA	952	3.5	3.5	97.7
13 13=ISMAILIA	238	.9	.9	98.6
18 18=ASSUIT	224	.8	.8	99.4
11 11=MENOUFIA	115	.4	.4	99.8
10 10=GHARBIA	53	.2	.2	100.0
Total	27469	100.0	100.0	

**Table (18): Egyptian Distribution of Pediatric Psychiatric of Major Diagnoses by Sex,
Adjusted by ICD-10, 1991-1995**

MASTDIAG611ICD10C 611 ICD-10C MASTER DIAGNOSIS * sex3 3 SEX Crosstabulation

			sex3 3 SEX		Total
			1 1= MALE	2 2= FEMAL E	
MASTDIAG6 11ICD10C 611 ICD-10C MASTER DIAGNOSIS	.0 0=NON PYSCHIATRIC / CNS / PEDIATRIC DISORDERS	Count % within sex3 3 SEX	12146 82.4%	10410 81.8%	22556 82.1%
	11.0 11=CNS DISEASES	Count % within sex3 3 SEX	457 3.1%	316 2.5%	773 2.8%
	22.0 22=PERSONALITY TRAIT NOT IN ICD-10	Count % within sex3 3 SEX	27 .2%	128 1.0%	155 .6%
	32.0 F32=MOOD [AFFECTIVE DISORDER] DEPRESSIVE EPISODE	Count % within sex3 3 SEX	83 .6%	377 3.0%	460 1.7%
	33.0 33=PEDIATRIC DISEASES	Count % within sex3 3 SEX	151 1.0%	124 1.0%	275 1.0%
	42.0 F42=NEUROTIC STRESS-RELATED & SOMATOFORM DISORD	Count % within sex3 3 SEX	673 4.6%	589 4.6%	1262 4.6%
	50.0 F50=EATING DISORDER	Count % within sex3 3 SEX	5 .0%	5 .0%	10 .0%
	66.0 F66=PSYCHOL & BEHAV DIS ASSOC WITH SEXUAL DEVEL & ORIEN	Count % within sex3 3 SEX	0 .0%	10 .1%	10 .0%
	70.0 F70-F79=MENTAL RETARDATION	Count % within sex3 3 SEX	130 .9%	74 .6%	204 .7%
	89.0 F89=OTHER BEHAVIORAL & EMOTIONAL DISOR IN CHILDHOOD	Count % within sex3 3 SEX	881 6.0%	627 4.9%	1508 5.5%
	90.0 F90=HYPERKINETIC DISORDER	Count % within sex3 3 SEX	67 .5%	34 .3%	101 .4%
	91.0 F91=CD CONDUCT DISORDER	Count % within sex3 3 SEX	35 .2%	12 .1%	47 .2%
	91.3 F91.3=ODD OPPOSITIONAL DEFIANT DISORDER	Count % within sex3 3 SEX	62 .4%	24 .2%	86 .3%
	95.0 F95=TIC DISORDER	Count % within sex3 3 SEX	22 .1%	0 .0%	22 .1%
Total		Count % within sex3 3 SEX	14739 100%	12730 100.0%	27469 100%

Table (19): Egyptian Mean Age of Pediatric Psychiatric Study Subjects by Major Diagnoses, Adjusted by ICD-10, 1991-1995

Report

age2 2 AGE

MASTDIAG611ICD10C 611 ICD-10C MASTER DIAGNOSIS	Mean	N	Std. Deviation
.0 0=NON PYSCHIATRIC / CNS / PEDIATRIC DISORDERS	9.206	22556	3.5162
11.0 11=CNS DISEASES	4.614	773	4.5990
22.0 22=PERSONALITY TRAIT NOT IN ICD-10	9.386	155	6.7856
32.0 F32=MOOD [AFFECTIVE DISORDER] DEPRESSIVE EPISODE	14.074	460	2.5977
33.0 33=PEDIATRIC DISEASES	9.837	275	2.1762
42.0 F42=NEUROTIC STRESS-RELATED & SOMATOFORM DISORD	10.710	1262	2.0210
50.0 F50=EATING DISORDER	11.400	10	.9487
66.0 F66=PSYCHOL & BEHAV DIS ASSOC WITH SEXUAL DEVEL & ORIEN	14.700	10	.6325
70.0 F70-F79=MENTAL RETARDATION	7.983	204	3.6374
89.0 F89=OTHER BEHAVIORAL & EMOTIONAL DISOR IN CHILDHOOD	7.834	1508	1.0888
90.0 F90=HYPERKINETIC DISORDER	7.956	101	1.5946
91.0 F91=CD CONDUCT DISORDER	9.064	47	.8945
91.3 F91.3=ODD OPPOSITIONAL DEFIANT DISORDER	10.314	86	.7710
95.0 F95=TIC DISORDER	7.182	22	3.1868
Total	9.150	27469	3.5737

Table (20): Egyptian Mean IQ of Pediatric Psychiatric Study Subjects by Major Diagnoses, Adjusted by ICD-10, 1991-1995

Report

IQ11 11 IQ

MASTDIAG611ICD10C 611 ICD-10C MASTER DIAGNOSIS	Mean	N	Std. Deviation
.0 0=NON PYSCHIATRIC / CNS / PEDIATRIC DISORDERS	91.807	1430	15.355
11.0 11=CNS DISEASES	85.432	177	14.591
33.0 33=PEDIATRIC DISEASES	93.522	272	13.071
42.0 F42=NEUROTIC STRESS-RELATED & SOMATOFORM DISORD	95.970	463	11.626
50.0 F50=EATING DISORDER	118.1	10	.0000
66.0 F66=PSYCHOL & BEHAV DIS ASSOC WITH SEXUAL DEVEL & ORIEN	99.670	10	3.0674
70.0 F70-F79=MENTAL RETARDATION	50.644	152	13.015
89.0 F89=OTHER BEHAVIORAL & EMOTIONAL DISOR IN CHILDHOOD	91.600	30	4.7270
90.0 F90=HYPERKINETIC DISORDER	94.692	101	13.503
91.0 F91=CD CONDUCT DISORDER	90.189	47	8.8615
91.3 F91.3=ODD OPPOSITIONAL DEFIANT DISORDER	106.3	86	12.253
Total	90.656	2778	17.396

Table (21): Egyptian Mean Weight of Pediatric Psychiatric Study Subjects by Major Diagnoses, Adjusted by ICD-10, 1991-1995

Report

WT0610 0610 WT

MASTDIAG611ICD10C 611 ICD-10C MASTER DIAGNOSIS	Mean	N	Std. Deviation
.0 0=NON PYSCHIATRIC / CNS / PEDIATRIC DISORDERS	30.161	1043	8.3573
22.0 22=PERSONALITY TRAIT NOT IN ICD-10	66.428	95	7.6091
42.0 F42=NEUROTIC STRESS-RELATED & SOMATOFORM DISORD	34.200	30	3.8762
90.0 F90=HYPERKINETIC DISORDER	28.589	28	3.7885
Total	33.106	1196	12.7475

Table (22): Egyptian Mean Height of Pediatric Psychiatric Study Subjects by Major Diagnoses, Adjusted by ICD-10, 1991-1995

Report

HT0611C 0611 HT CM

MASTDIAG611ICD10C 611 ICD-10C MASTER DIAGNOSIS	Mean	N	Std. Deviation
.0 0=NON PYSCHIATRIC / CNS / PEDIATRIC DISORDERS	131.732	1028	10.4930
22.0 22=PERSONALITY TRAIT NOT IN ICD-10	156.503	95	4.8637
90.0 F90=HYPERKINETIC DISORDER	131.500	28	6.6972
Total	133.771	1151	12.1591

Table (23): Egyptian Mean BMI of Pediatric Psychiatric Study Subjects by Major Diagnoses, Adjusted by ICD-10, 1991-1995

Report

BMI0612 0612 BMI

MASTDIAG611ICD10C 611 ICD-10C MASTER DIAGNOSIS	Mean	N	Std. Deviation
.0 0=NON PYSCHIATRIC / CNS / PEDIATRIC DISORDERS	16.97	1043	1.9728
22.0 22=PERSONALITY TRAIT NOT IN ICD-10	27.00	95	1.7703
42.0 F42=NEUROTIC STRESS-RELATED & SOMATOFORM DISORD	17.35	30	.4931
90.0 F90=HYPERKINETIC DISORDER	16.48	28	1.1335
Total	17.76	1196	3.3247

Fourth Study Period, 1980-1990

Table (24): Egyptian Distribution of Pediatric Psychiatric of Major Diagnoses by Universities, 1980-1990

022 SITE UNIVER

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1=AIN SHAMS UN	2085	77.4	77.4	77.4
	6=ALEXANDRIA UN	24	.9	.9	78.3
	11=ZAKAZIC	585	21.7	21.7	100.0
	Total	2694	100.0	100.0	

Table (25): Egyptian Distribution of Pediatric Psychiatric of Major Diagnoses by Governorates, 1980-1990

023 SITE GOV

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1=CAIRO	912	33.9	33.9	33.9
	2=ALEXANDRIA	24	.9	.9	34.7
	6=DUKHALIA	1034	38.4	38.4	73.1
	7=SHARKIA	585	21.7	21.7	94.8
	14=GIZA	139	5.2	5.2	100.0
	Total	2694	100.0	100.0	

Table (26): Egyptian Distribution of Pediatric Psychiatric of Major Diagnoses by Sex, Adjusted by ICD-10, 1980-1990

MASTDIAG611ICD10C 611 ICD-10C MASTER DIAGNOSIS * sex3 3 SEX Crosstabulation

			sex3 3 SEX		Total
			1 1= MALE	2 2= FEMALE	
MASTDIAG 611	.0 0=NON PYSCHIATRIC / CNS / PEDIATRIC DISORDERS	Count	790	279	1069
		% within sex3 3 SEX	41.8%	34.7%	39.7%
ICD10C 611	11.0 11=CNS DISEASES	Count	248	172	420
		% within sex3 3 SEX	13.1%	21.4%	15.6%
ICD-10C MASTER DIAGNOSI S	22.0 22=PERSONALITY TRAIT NOT IN ICD-10	Count	47	40	87
		% within sex3 3 SEX	2.5%	5.0%	3.2%
	32.0 F32=MOOD [AFFECTIVE DISORDER DEPRESSIVE EPISODE	Count	0	4	4
		% within sex3 3 SEX	.0%	.5%	.1%
	33.0 33=PEDIATRIC DISEASES	Count	34	16	50
		% within sex3 3 SEX	1.8%	2.0%	1.9%
	42.0 F42=NEUROTIC STRESS-RELATED & SOMATOFORM DISORD	Count	304	104	408
		% within sex3 3 SEX	16.1%	12.9%	15.1%
	43.0 F43=REACTION TO SEVER STRESS & ADJUSTEMNT DISOR	Count	16	16	32
		% within sex3 3 SEX	.8%	2.0%	1.2%
	70.0 F70-F79=MENTAL RETARDATION	Count	118	43	161
		% within sex3 3 SEX	6.2%	5.3%	6.0%
	80.0 F80=SPECIFIC DEVELOPMENT DISOR OF SPEECH & LANGUAGE	Count	0	4	4
		% within sex3 3 SEX	.0%	.5%	.1%
	89.0 F89=OTHER BEHAVIORAL & EMOTIONAL DISOR IN CHILDHOOD	Count	10	0	10
		% within sex3 3 SEX	.5%	.0%	.4%
	90.0 F90=HYPERKINETIC DISORDER	Count	299	114	413
		% within sex3 3 SEX	15.8%	14.2%	15.3%
	91.0 F91=CD CONDUCT DISORDER	Count	24	12	36
		% within sex3 3 SEX	1.3%	1.5%	1.3%
Total		Count	1890	804	2694
		% within sex3 3 SEX	100.0%	100.0%	100%

Table (27): Egyptian Mean Age of Pediatric Psychiatric Study Subjects by Major Diagnoses, Adjusted by ICD-10, 1980-1990

Report

age2 2 AGE

MASTDIAG611ICD10C 611 ICD-10C MASTER DIAGNOSIS	Mean	N	Std. Deviation
.0 0=NON PYSCHIATRIC / CNS / PEDIATRIC DISORDERS	8.441	1069	2.2374
11.0 11=CNS DISEASES	10.403	420	2.9062
22.0 22=PERSONALITY TRAIT NOT IN ICD-10	9.299	87	1.0356
32.0 F32=MOOD [AFFECTIVE DISORDER] DEPRESSIVE EPISODE	11.500	4	.5774
33.0 33=PEDIATRIC DISEASES	1.436	50	.5566
42.0 F42=NEUROTIC STRESS-RELATED & SOMATOFORM DISORD	12.034	408	2.9851
43.0 F43=REACTION TO SEVER STRESS & ADJUSTEMNT DISOR	10.500	32	.0000
70.0 F70-F79=MENTAL RETARDATION	8.563	161	3.9666
80.0 F80=SPECIFIC DEVELOPMENT DISOR OF SPEECH & LANGUAGE	11.750	4	.5000
89.0 F89=OTHER BEHAVIORAL & EMOTIONAL DISOR IN CHILDHOOD	10.100	10	2.5144
90.0 F90=HYPERKINETIC DISORDER	10.251	413	1.4536
91.0 F91=CD CONDUCT DISORDER	12.194	36	1.2833
Total	9.564	2694	2.9999

Table (28): Egyptian Mean IQ of Pediatric Psychiatric Study Subjects by Major Diagnoses, Adjusted by ICD-10, 1980-1990

Report

IQ11 11 IQ

MASTDIAG611ICD10C 611 ICD-10C MASTER DIAGNOSIS	Mean	N	Std. Deviation
.0 0=NON PYSCHIATRIC / CNS / PEDIATRIC DISORDERS	99.964	842	3.6695
11.0 11=CNS DISEASES	63.639	66	29.7467
22.0 22=PERSONALITY TRAIT NOT IN ICD-10	58.429	7	6.3471
32.0 F32=MOOD [AFFECTIVE DISORDER] DEPRESSIVE EPISODE	54.750	4	5.3774
42.0 F42=NEUROTIC STRESS-RELATED & SOMATOFORM DISORD	112.535	408	16.0248
43.0 F43=REACTION TO SEVER STRESS & ADJUSTEMNT DISOR	95.530	32	2.3622
70.0 F70-F79=MENTAL RETARDATION	59.700	100	7.8438
80.0 F80=SPECIFIC DEVELOPMENT DISOR OF SPEECH & LANGUAGE	54.750	4	4.6458
89.0 F89=OTHER BEHAVIORAL & EMOTIONAL DISOR IN CHILDHOOD	67.200	10	16.8576
90.0 F90=HYPERKINETIC DISORDER	82.000	334	14.3546
91.0 F91=CD CONDUCT DISORDER	57.444	36	9.9497
Total	94.566	1843	19.8706

Table (29): Egyptian Mean Weight of Pediatric Psychiatric Study Subjects by Major Diagnoses, Adjusted by ICD-10, 1980-1990

Report

WT0610 0610 WT

MASTDIAG611ICD10C 611 ICD-10C MASTER DIAGNOSIS	Mean	N	Std. Deviation
.0 0=NON PYSCHIATRIC / CNS / PEDIATRIC DISORDERS	18.449	51	6.3767
33.0 33=PEDIATRIC DISEASES	5.772	50	1.4812
70.0 F70-F79=MENTAL RETARDATION	35.890	124	9.5720
Total	25.244	225	14.7565

Table (30): Egyptian Mean Height of Pediatric Psychiatric Study Subjects by Major Diagnoses, Adjusted by ICD-10, 1980-1990

Report

HT0611C 0611 HT CM

MASTDIAG611ICD10C 611 ICD-10C MASTER DIAGNOSIS	Mean	N	Std. Deviation
.0 0=NON PYSCHIATRIC / CNS / PEDIATRIC DISORDERS	73.267	15	8.1105
33.0 33=PEDIATRIC DISEASES	69.530	50	6.4463
Total	70.392	65	6.9802

Fifth Study Period, 1980-2005

Table (31): Egyptian Distribution of Pediatric Psychiatric of Major diagnoses by Universities, 1980-2005

022 SITE UNIVER

	Frequency	Percent
Valid 1=AIN SHAMS UN	30243	52.3
11=ZAKAZIC	8624	14.9
12=MENOUFIA	7565	13.1
2= CAIRO UN	4598	8.0
3=MANSOURA UN	2102	3.6
5=ASSUIT UN	1458	2.5
10=CANAL EL-SWEZ UN	1153	2.0
6=ALEXANDRIA UN	1032	1.8
9=ALAZHAR UN	1027	1.8
Total	57802	100.0

Table (32): Egyptian Distribution of Pediatric Psychiatric of Major Diagnoses by Governorates, 1980-2005

023 SITE GOV

	Frequency	Percent
Valid 1=CAIRO	21294	36.8
7=SHARKIA	8704	15.1
11=MENOUFIA	7669	13.3
8=KALYUBIA	5941	10.3
14=GIZA	5096	8.8
6=DUKHALIA	3136	5.4
2=ALEXANDRIA	2562	4.4
18=ASSUIT	958	1.7
15=BENI SUEF	836	1.4
13=ISMAILIA	719	1.2
3=PORT SAID	594	1.0
4=SUEZ	240	.4
10=GHARBIA	53	.1
Total	57802	100.0

Table (33): Egyptian Distribution of Pediatric Psychiatric of Major Diagnoses by Sex, 1980-2005

611 ICD-10C MASTER DIAGNOSIS * 3 SEX Crosstabulation

			3 SEX		Total
			1= MALE	2= FEMALE	
611 ICD-10C MASTER DIAGNOSIS	0=NON PYSCHIATRIC / CNS / PEDIATRIC DISORDERS	Count	20551	18180	38731
		% within 3 SEX	65.5%	68.8%	67.0%
	11=CNS DISEASES	Count	2190	1598	3788
		% within 3 SEX	7.0%	6.0%	6.6%
	F12=MENTAL & BEHAV DISOR DUE TO USE OF CANNABINOID	Count	64	0	64
		% within 3 SEX	.2%	.0%	.1%
	F18=MENTAL & BEHAV DISORD DUE TO PSYCHOACTIVE SUBSTANCE	Count	145	32	177
		% within 3 SEX	.5%	.1%	.3%
	22=PERSONALITY TRAIT NOT IN ICD-10	Count	242	214	456
		% within 3 SEX	.8%	.8%	.8%
	F32=MOOD [AFFECTIVE DISORDER] DEPRESSIVE EPISODE	Count	1499	2063	3562
		% within 3 SEX	4.8%	7.8%	6.2%
	33=PEDIATRIC DISEASES	Count	334	304	638
		% within 3 SEX	1.1%	1.1%	1.1%
	F42=NEUROTIC STRESS-RELATED & SOMATOFORM DISORD	Count	2332	2027	4359
		% within 3 SEX	7.4%	7.7%	7.5%
	F43=REACTION TO SEVER STRESS & ADJUSTEMNT DISOR	Count	931	63	994
		% within 3 SEX	3.0%	.2%	1.7%
	F50=EATING DISORDER	Count	5	5	10
		% within 3 SEX	.0%	.0%	.0%
	F66=PSYCHOL & BEHAV DIS ASSOC WITH SEXUAL DEVEL & ORIEN	Count	0	10	10
		% within 3 SEX	.0%	.0%	.0%
	F70-F79=MENTAL RETARDATION	Count	676	417	1093
		% within 3 SEX	2.2%	1.6%	1.9%
	F80=SPECIFIC DEVELOPMENT DISOR OF SPEECH & LANGUAGE	Count	46	54	100
		% within 3 SEX	.1%	.2%	.2%
	F81=SPECIFIC DEVELOPMENTAL DISORDER OF SCHOLASTIC SKILLS	Count	176	239	415
		% within 3 SEX	.6%	.9%	.7%
	F84=PERVASIVE DEVELOPMENT DISORDER	Count	33	12	45
		% within 3 SEX	.1%	.0%	.1%
	F89=OTHER BEHAVIORAL & EMOTIONAL DISOR IN CHILDHOOD	Count	1012	782	1794
		% within 3 SEX	3.2%	3.0%	3.1%
	F90=HYPERKINETIC DISORDER	Count	822	337	1159
		% within 3 SEX	2.6%	1.3%	2.0%
	F91=CD CONDUCT DISORDER	Count	193	49	242
		% within 3 SEX	.6%	.2%	.4%
	F91.3=ODD OPPOSITIONAL DEFIANT DISORDER	Count	72	24	96
		% within 3 SEX	.2%	.1%	.2%
	F93=EMOTIONAL DISORDERS WITH ONSET SPECIFIC IN CHILDHOOD	Count	15	29	44
		% within 3 SEX	.0%	.1%	.1%
	F95=TIC DISORDER	Count	25	0	25
		% within 3 SEX	.1%	.0%	.0%
Total		Count	31363	26439	57802
		% within 3 SEX	100.0%	100.0%	100%

Table (34): Egyptian Mean Age of Pediatric Psychiatric Study Subjects by Major Diagnoses, 1980-2005

Report

2 AGE

611 ICD-10C MASTER DIAGNOSIS	Mean	N	Std. Deviation
0=NON PYSCHIATRIC / CNS / PEDIATRIC DISORDERS	9.487	38731	3.1026
11=CNS DISEASES	8.726	3788	4.3754
F12=MENTAL & BEHAV DISOR DUE TO USE OF CANNABINOID	16.94	64	1.3305
F18=MENTAL & BEHAV DISORD DUE TO PSYCHOACTIVE SUBSTANCE	11.06	177	2.3226
22=PERSONALITY TRAIT NOT IN ICD-10	9.339	456	4.2289
F32=MOOD [AFFECTIVE DISORDER] DEPRESSIVE EPISODE	9.560	3562	5.1724
33=PEDIATRIC DISEASES	8.575	638	4.1486
F42=NEUROTIC STRESS-RELATED & SOMATOFORM DISORD	11.91	4359	2.9030
F43=REACTION TO SEVER STRESS & ADJUSTEMNT DISOR	12.50	994	1.3072
F50=EATING DISORDER	11.40	10	.9487
F66=PSYCHOL & BEHAV DIS ASSOC WITH SEXUAL DEVEL & ORIEN	14.70	10	.6325
F70-F79=MENTAL RETARDATION	8.552	1093	3.2071
F80=SPECIFIC DEVELOPMENT DISOR OF SPEECH & LANGUAGE	9.176	100	3.0284
F81=SPECIFIC DEVELOPMENTAL DISORDER OF SCHOLASTIC SKILLS	15.55	415	1.6591
F84=PERVASIVE DEVELOPMENT DISORDER	7.177	45	1.9500
F89=OTHER BEHAVIORAL & EMOTIONAL DISOR IN CHILDHOOD	8.125	1794	1.6966
F90=HYPERKINETIC DISORDER	8.790	1159	2.2449
F91=CD CONDUCT DISORDER	9.912	242	2.6760
F91.3=ODD OPPOSITIONAL DEFIANT DISORDER	10.40	96	.8883
F93=EMOTIONAL DISORDERS WITH ONSET SPECIFIC IN CHILDHOOD	8.791	44	4.7284
F95=TIC DISORDER	7.820	25	3.4637
Total	9.649	57802	3.4486

Table 35; Egyptian Mean IQ of Pediatric Psychiatric Study Subjects by Major Diagnoses, 1980-2005

Report

11 IQ

611 ICD-10C MASTER DIAGNOSIS	Mean	N	Std. Deviation
0=NON PYSCHIATRIC / CNS / PEDIATRIC DISORDERS	95.494	3353	13.2472
11=CNS DISEASES	86.663	1675	13.1111
F18=MENTAL & BEHAV DISORD DUE TO PSYCHOACTIVE SUBSTANCE	103.695	82	14.3585
22=PERSONALITY TRAIT NOT IN ICD-10	90.784	116	17.4334
F32=MOOD [AFFECTIVE DISORDER] DEPRESSIVE EPISODE	66.125	8	16.0217
33=PEDIATRIC DISEASES	85.788	372	19.4189
F42=NEUROTIC STRESS-RELATED & SOMATOFORM DISORD	102.072	1591	15.5989
F43=REACTION TO SEVER STRESS & ADJUSTEMNT DISOR	108.833	734	7.2142
F50=EATING DISORDER	118.100	10	.0000
F66=PSYCHOL & BEHAV DIS ASSOC WITH SEXUAL DEVEL & ORIEN	99.670	10	3.0674
F70-F79=MENTAL RETARDATION	63.607	875	12.2545
F80=SPECIFIC DEVELOPMENT DISOR OF SPEECH & LANGUAGE	103.522	46	27.0850
F81=SPECIFIC DEVELOPMENTAL DISORDER OF SCHOLASTIC SKILLS	114.764	415	1.5163
F89=OTHER BEHAVIORAL & EMOTIONAL DISOR IN CHILDHOOD	82.564	78	17.4455
F90=HYPERKINETIC DISORDER	87.931	577	15.3804
F91=CD CONDUCT DISORDER	84.500	138	18.8623
F91.3=ODD OPPOSITIONAL DEFIANT DISORDER	105.449	96	12.5669
F95=TIC DISORDER	61.167	3	2.0207
Total	93.179	10179	18.1057

Table 36; Egyptian Mean Weight of Pediatric Psychiatric Study Subjects by Major Diagnoses, 1980-2005

Report

0610 WT

611 ICD-10C MASTER DIAGNOSIS	Mean	N	Std. Deviation
0=NON PYSCHIATRIC / CNS / PEDIATRIC DISORDERS	29.217	1124	8.8588
11=CNS DISEASES	14.917	60	2.4994
22=PERSONALITY TRAIT NOT IN ICD-10	66.428	95	7.6091
33=PEDIATRIC DISEASES	5.772	50	1.4812
F42=NEUROTIC STRESS-RELATED & SOMATOFORM DISORD	34.200	30	3.8762
F43=REACTION TO SEVER STRESS & ADJUSTEMNT DISOR	43.000	200	3.5088
F70-F79=MENTAL RETARDATION	35.890	124	9.5720
F90=HYPERKINETIC DISORDER	28.589	28	3.7885
Total	32.268	1711	13.4259

Table 37; Egyptian Mean Height of Pediatric Psychiatric Study Subjects by Major Diagnoses, 1980-2005

Report

0611 HT CM

611 ICD-10C MASTER DIAGNOSIS	Mean	N	Std. Deviation
0=NON PYSCHIATRIC / CNS / PEDIATRIC DISORDERS	129.95	1073	13.6303
11=CNS DISEASES	96.500	60	7.0308
22=PERSONALITY TRAIT NOT IN ICD-10	156.50	95	4.8637
33=PEDIATRIC DISEASES	69.530	50	6.4463
F43=REACTION TO SEVER STRESS & ADJUSTEMNT DISOR	152.75	200	2.7569
F90=HYPERKINETIC DISORDER	131.50	28	6.6972
Total	131.34	1506	20.4082

Table 38; Egyptian Mean BMI of Pediatric Psychiatric Study Subjects by Major Diagnoses, 1980-2005

Report

0612 BMI

611 ICD-10C MASTER DIAGNOSIS	Mean	N	Std. Deviation
0=NON PYSCHIATRIC / CNS / PEDIATRIC DISORDERS	16.927	1073	1.9744
11=CNS DISEASES	15.929	60	1.1763
22=PERSONALITY TRAIT NOT IN ICD-10	27.000	95	1.7703
33=PEDIATRIC DISEASES	21.869	40	2.3186
F42=NEUROTIC STRESS-RELATED & SOMATOFORM DISOR	17.351	30	.4931
F90=HYPERKINETIC DISORDER	16.476	28	1.1335
Total	17.753	1326	3.3181

The whole study period, 1980-2005:

Fig. (3): Egyptian Distribution of Pediatric Psychiatric of Major diagnoses by Universities [1980 – 2005]

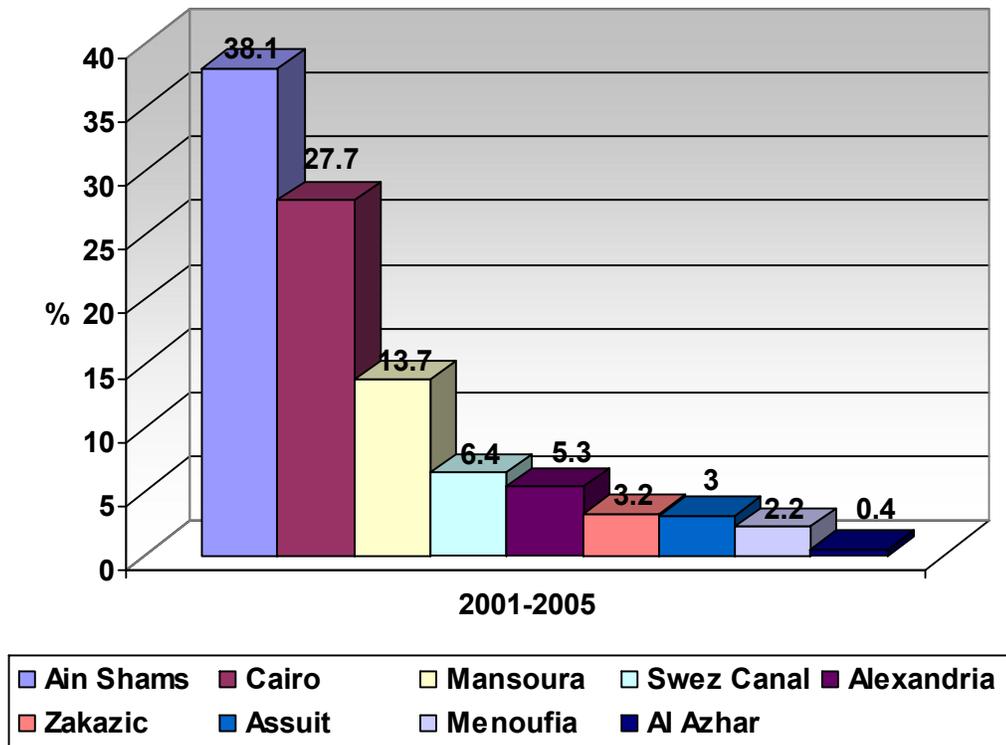


Fig. (4): Egyptian Distribution of Pediatric Psychiatric of Major diagnoses by Governorates, [1980 – 2005]

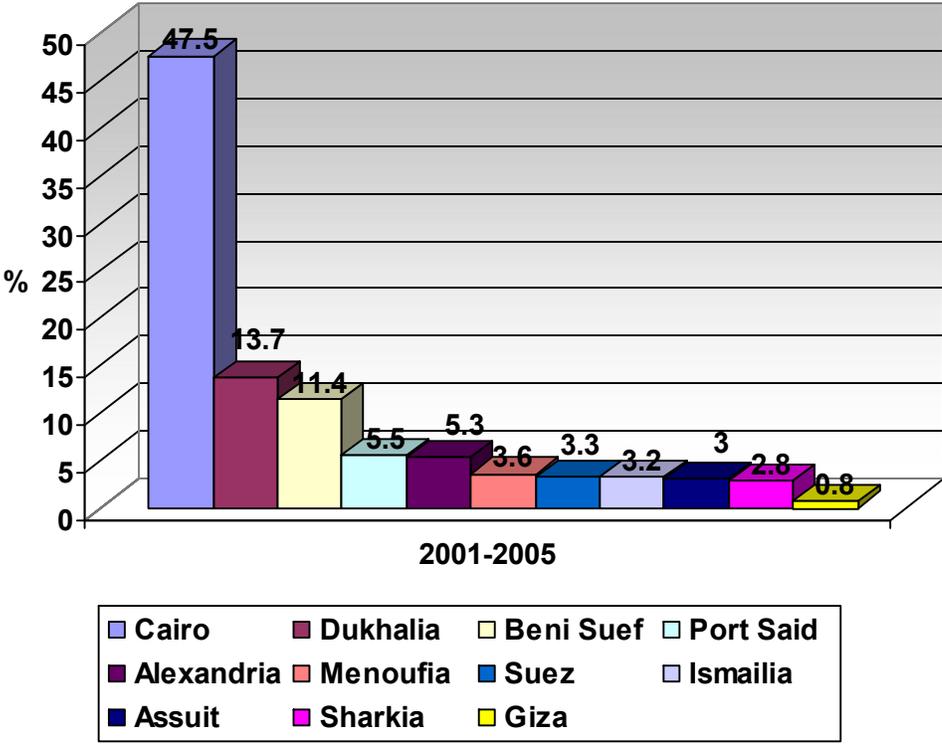


Fig. (5): Egyptian Distribution of Pediatric Psychiatric of Major diagnoses by Sex [2001-2005]

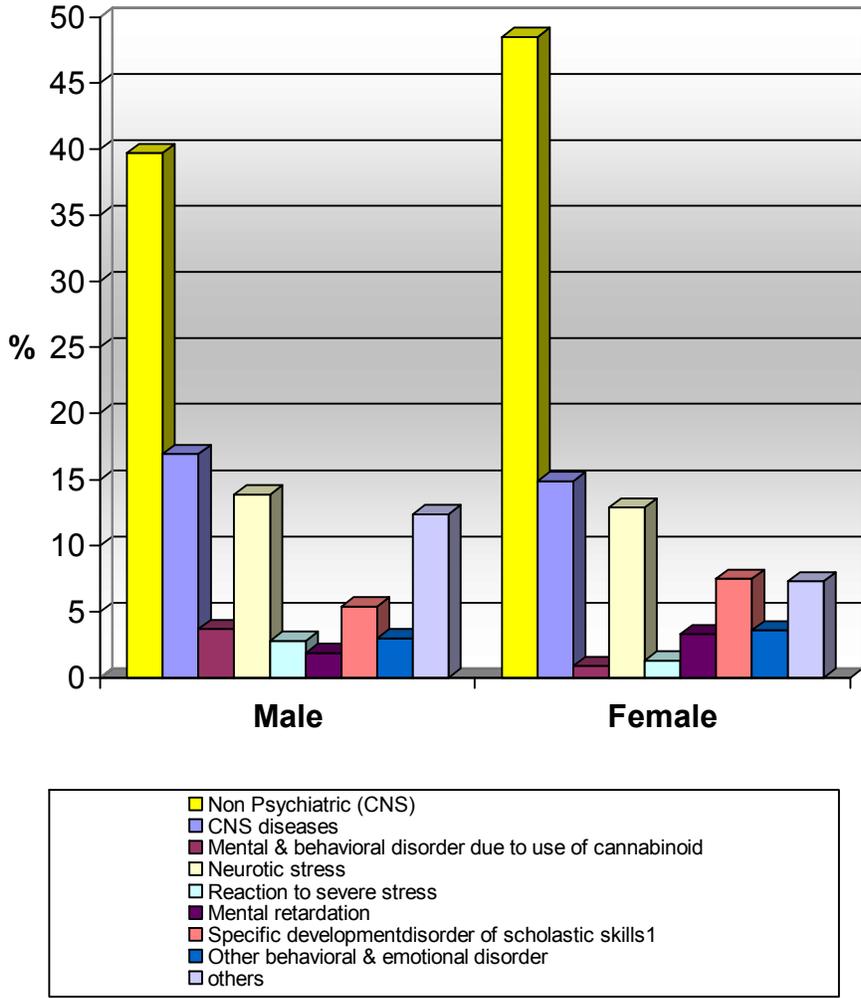


Fig. (6): Egyptian Mean Age of Pediatric Psychiatric Study Subjects by Major Diagnoses [2001 – 2005]

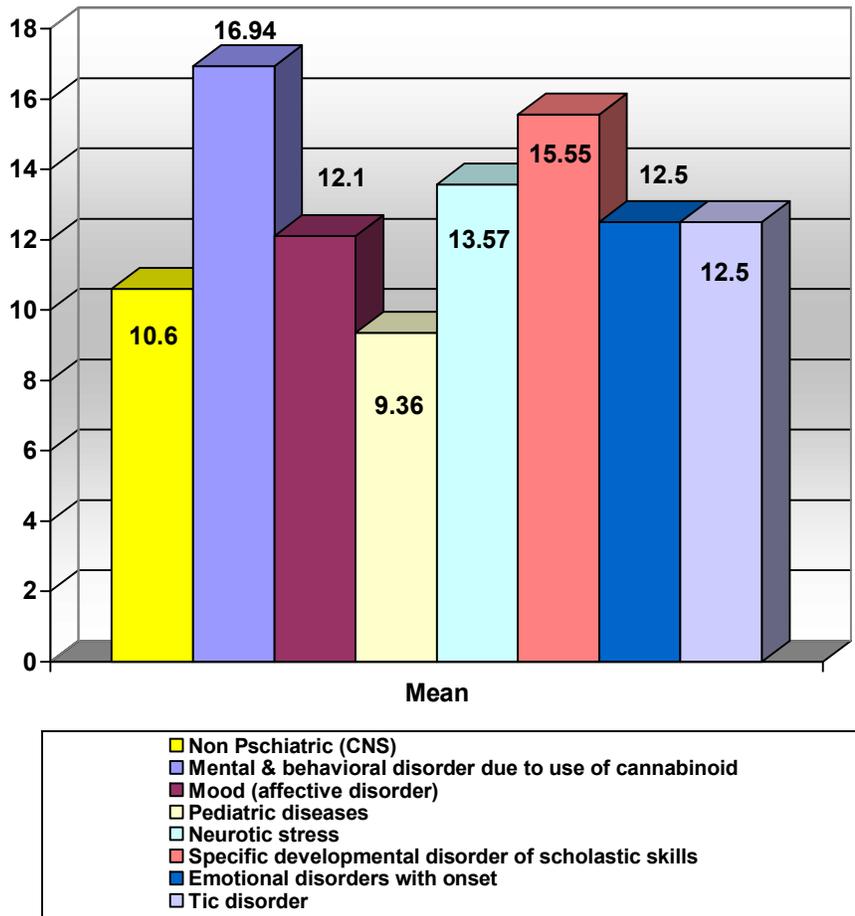


Fig. (7): Egyptian Mean IQ of Pediatric Psychiatric Study Subjects by Major Diagnoses [2001 – 2005]

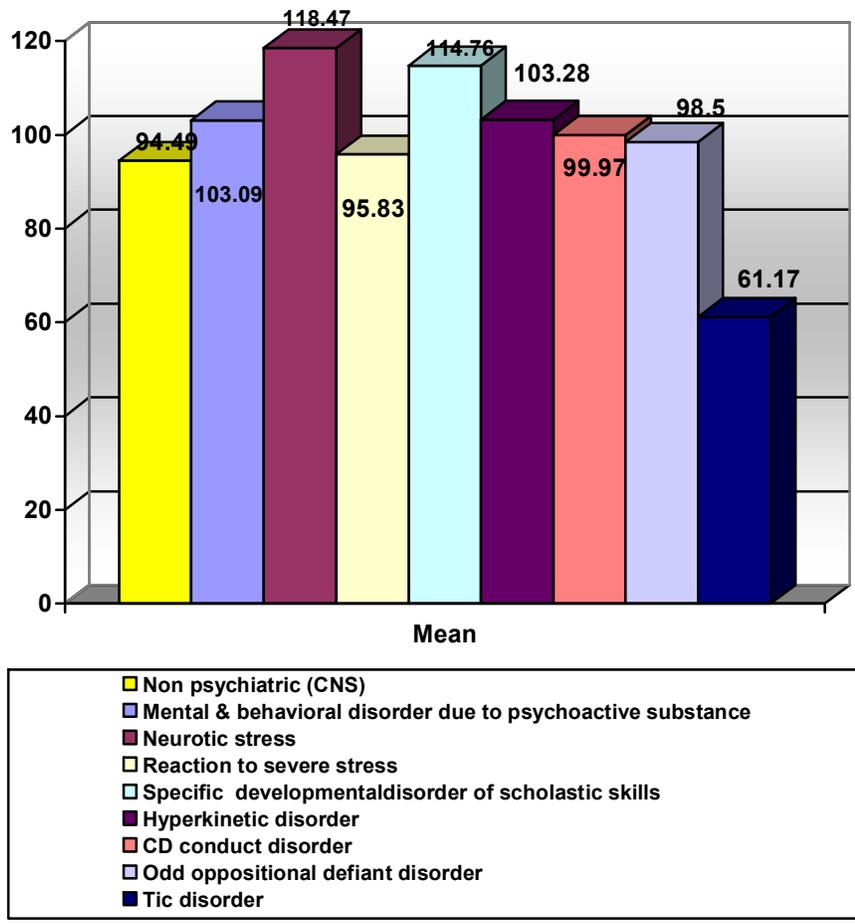
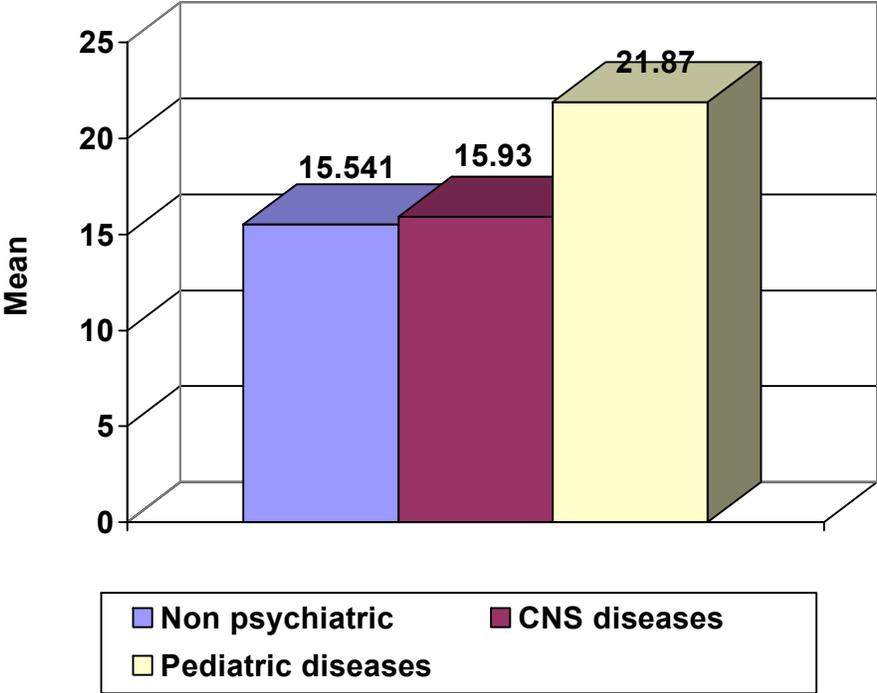


Fig. (8): Egyptian Mean BMI Age of Pediatric Psychiatric Study Subjects by Major Diagnoses [2001 – 2005]



Second Period, 1996-2000:

Fig. (9): Egyptian Distribution of Pediatric Psychiatric of Major diagnoses by Universities [1996-2000]

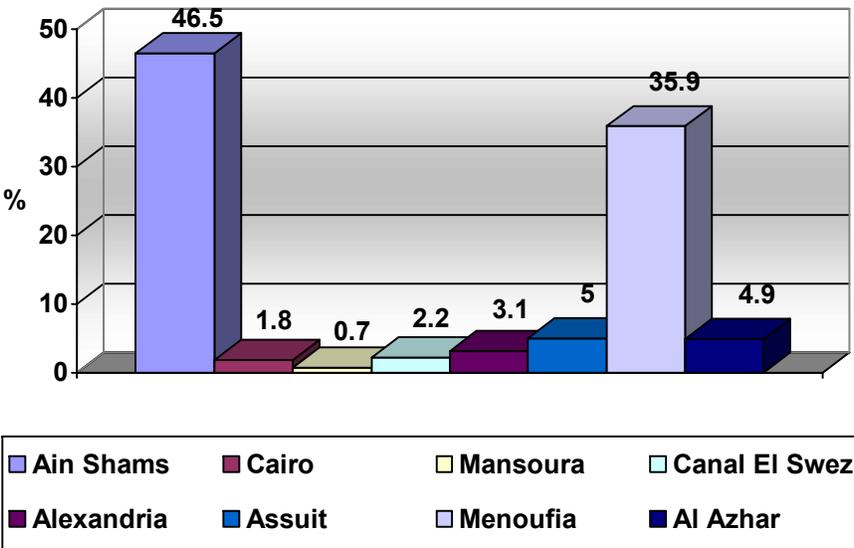


Fig. (10): Egyptian Distribution of Pediatric Psychiatric of Major diagnoses by Governorates [1996-2000]

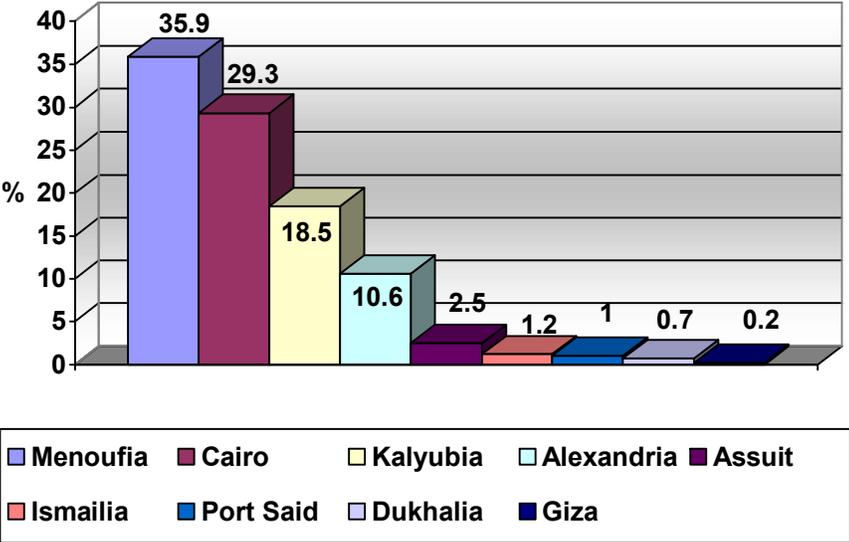


Fig. (11): Egyptian Distribution of Pediatric Psychiatric of Major diagnoses by Sex [1996-2000]

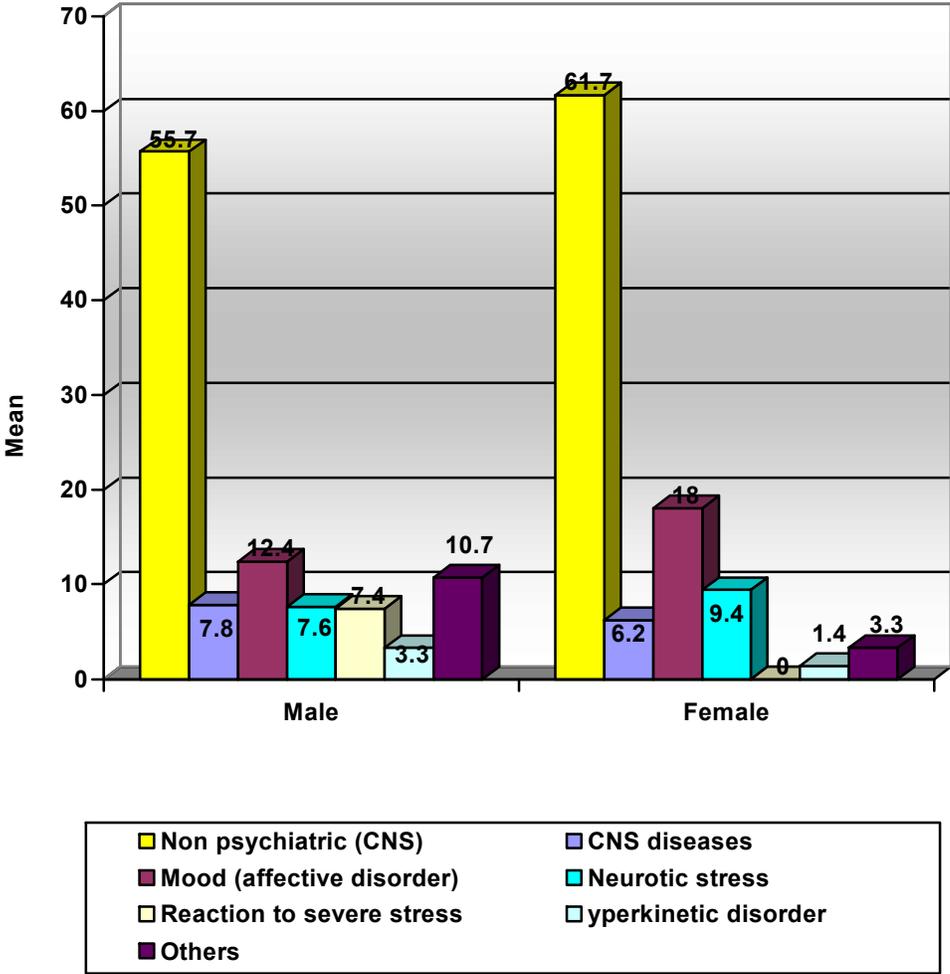


Fig. (12): Egyptian Mean Age of Pediatric Psychiatric Study Subjects by Major Diagnoses [1996-2000]

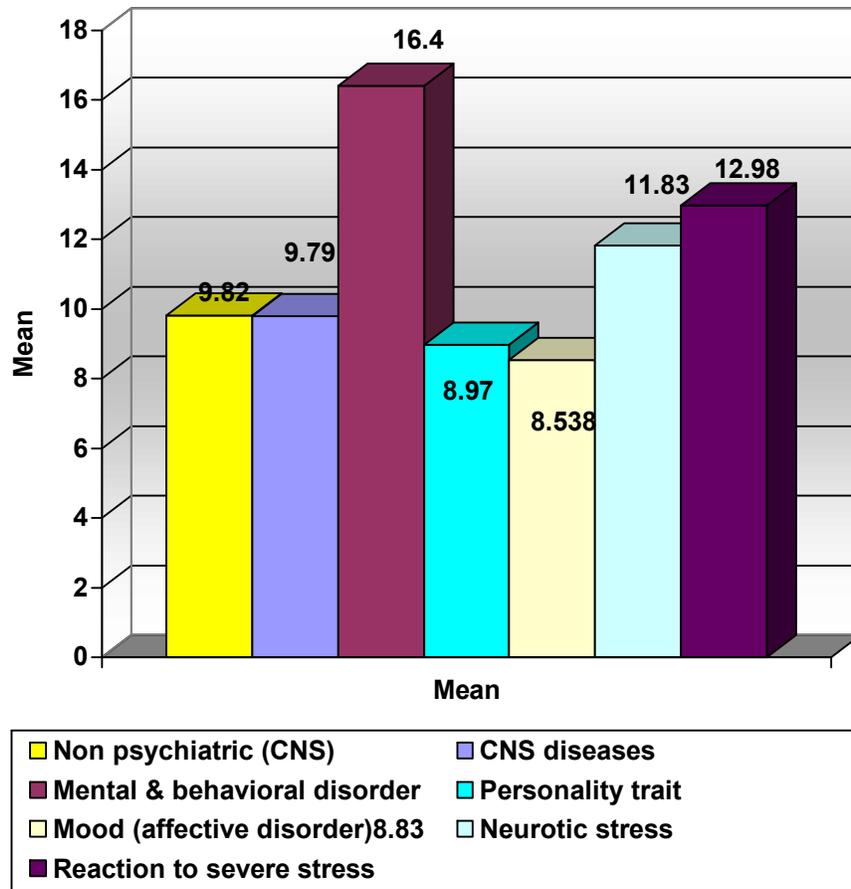
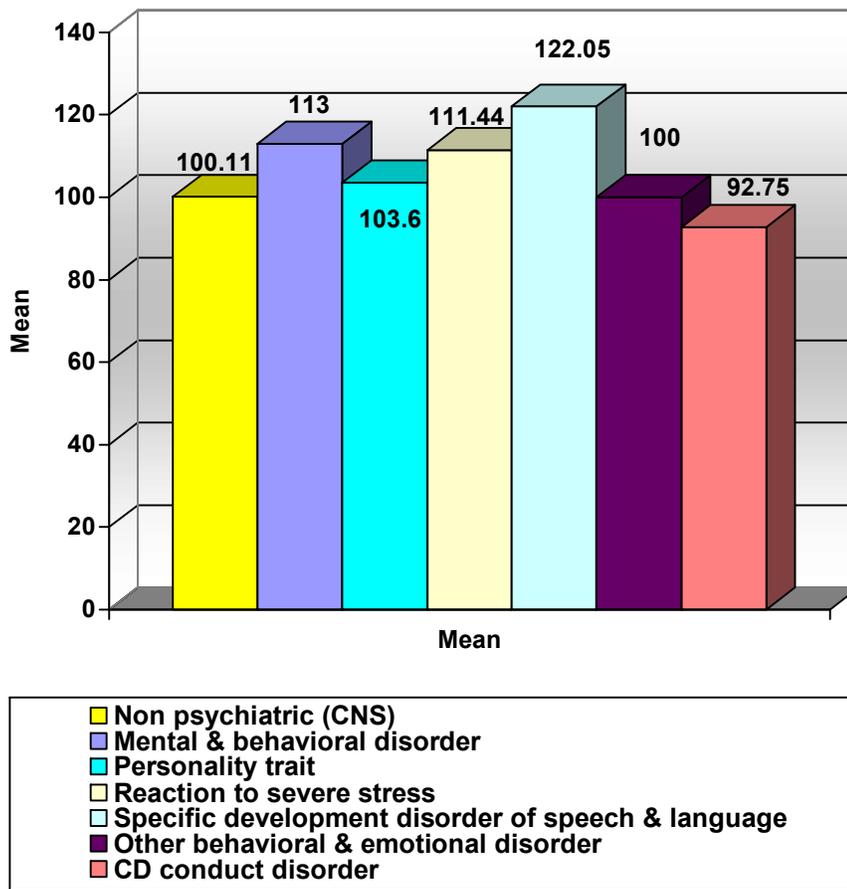
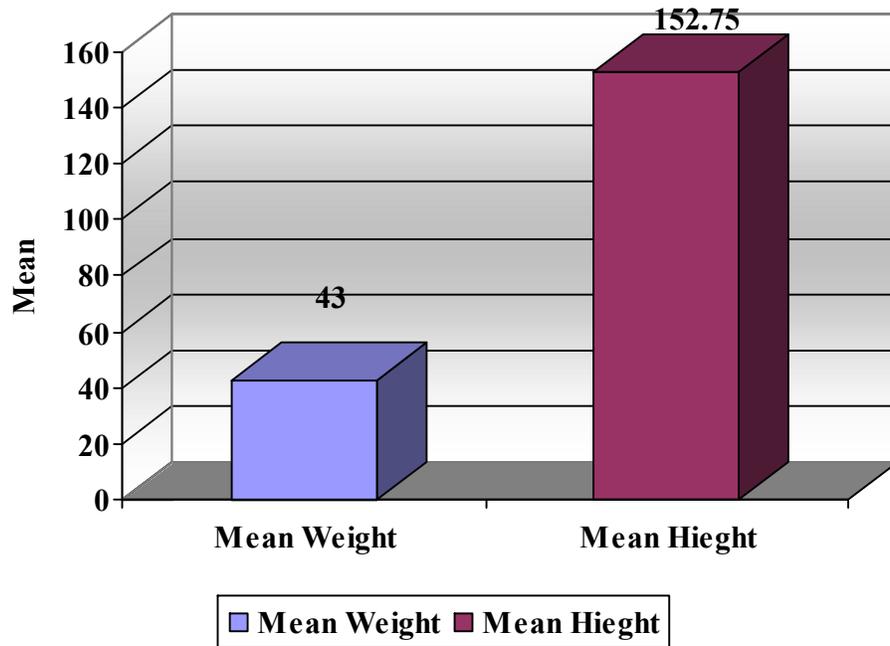


Fig. (13): Egyptian Mean IQ of Pediatric Psychiatric Study Subjects by Major Diagnoses [1996-2000]



**Fig. (14): Egyptian Mean Weight & Height of Pediatric Psychiatric Study
Subjects by Major Diagnoses [1996-2000]**



Third Study Period; 1991-1996:

Fig. (15): Egyptian Distribution of Pediatric Psychiatric of Major diagnoses by Universities [1991-1996]

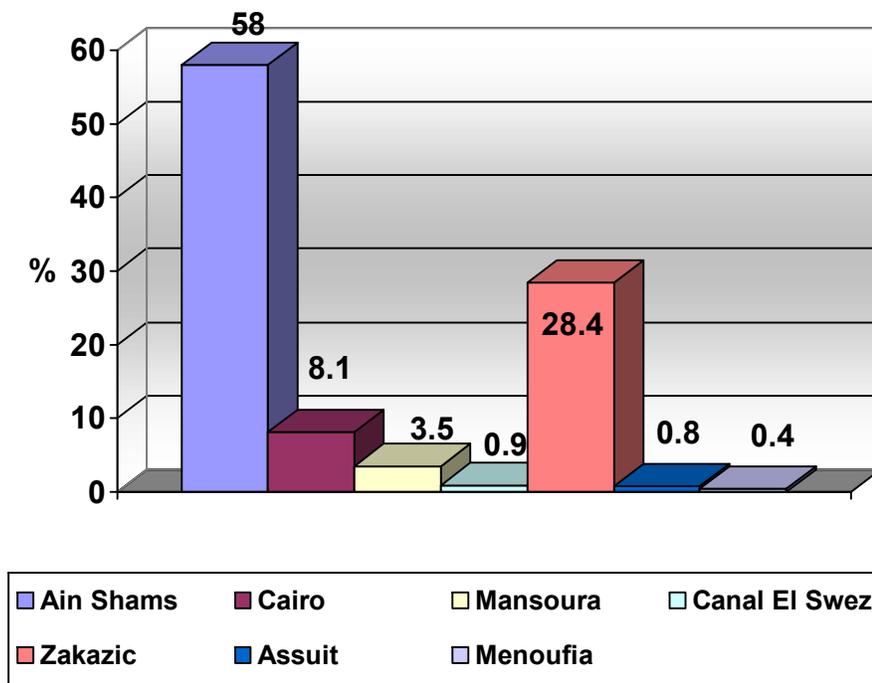


Fig. (16): Egyptian Distribution of Pediatric Psychiatric of Major diagnoses by Governorates [1991-1996]

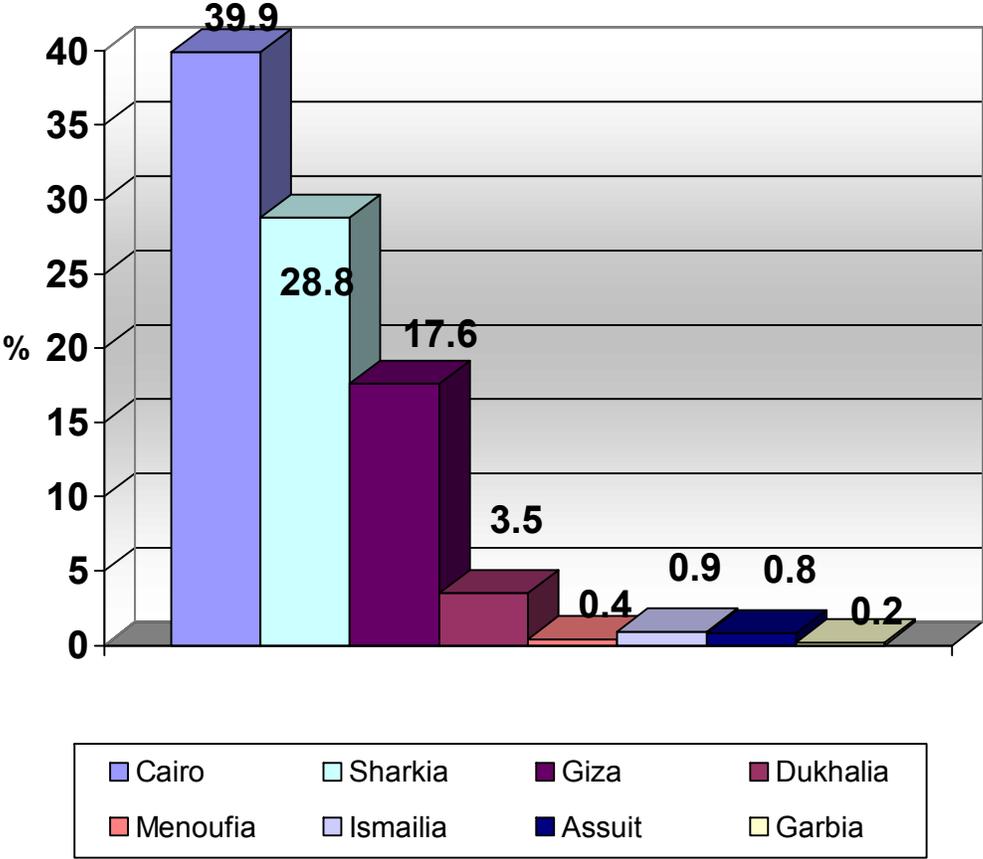


Fig. (17): Egyptian Distribution of Pediatric Psychiatric of Major diagnoses by Sex [1991-1996]

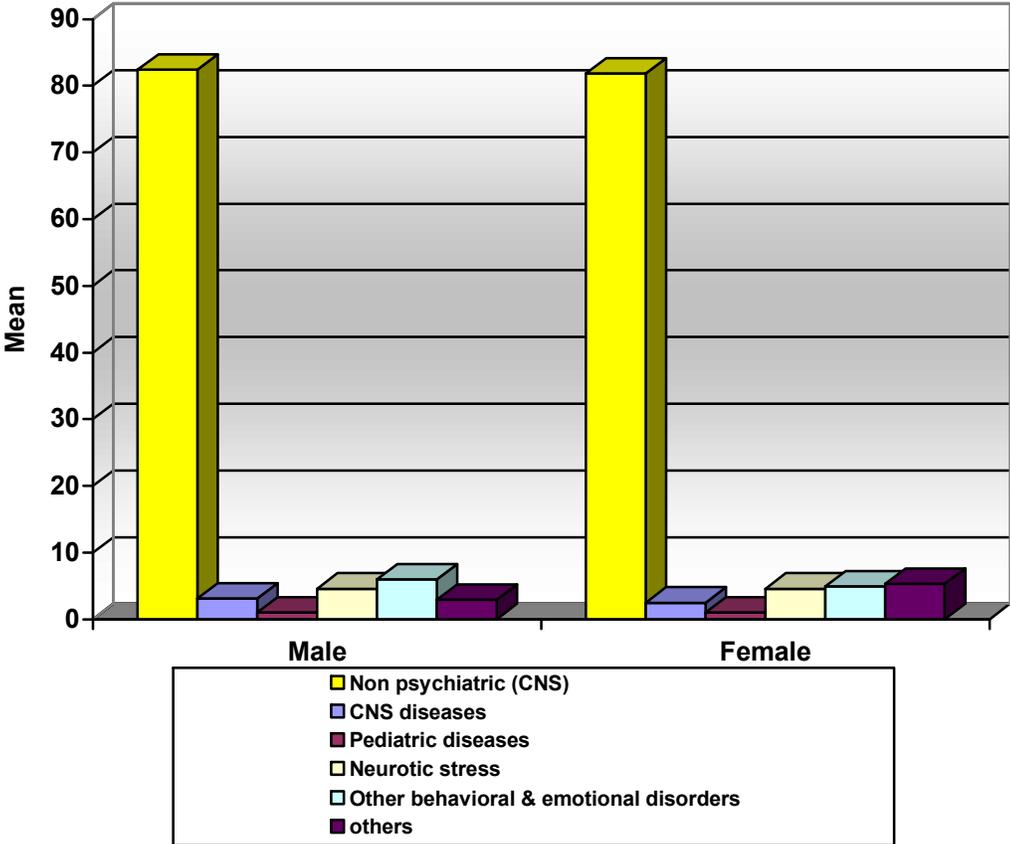


Fig. (18): Egyptian Mean Age of Pediatric Psychiatric Study Subjects by Major Diagnoses [1991-1996]

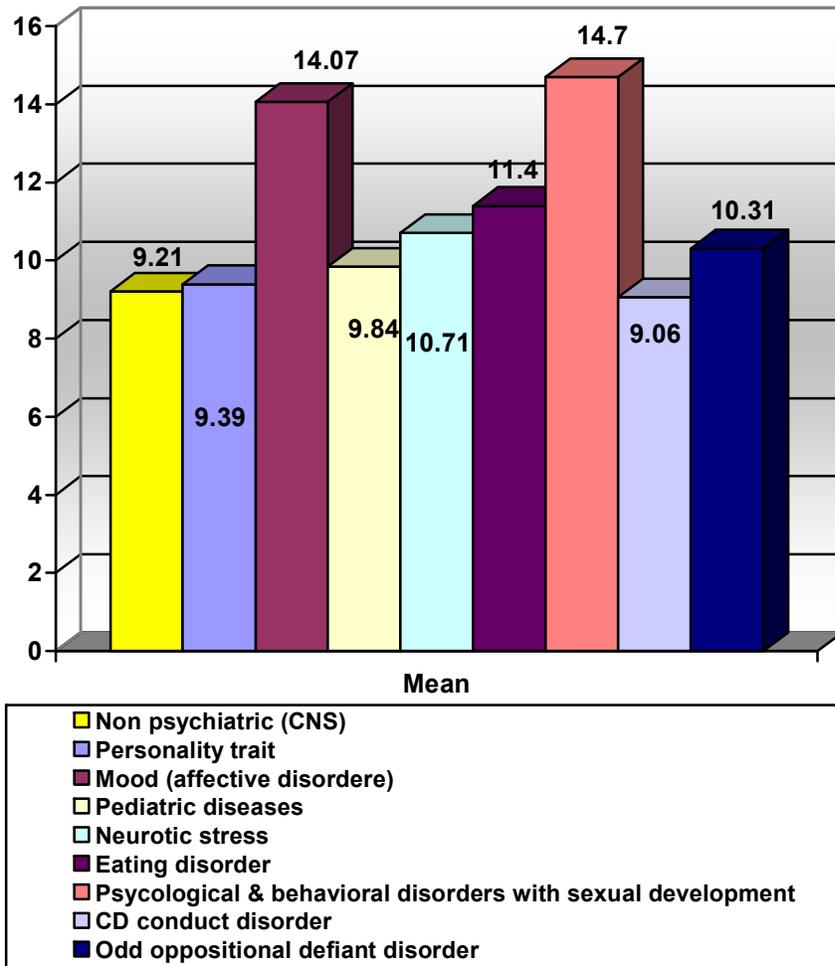
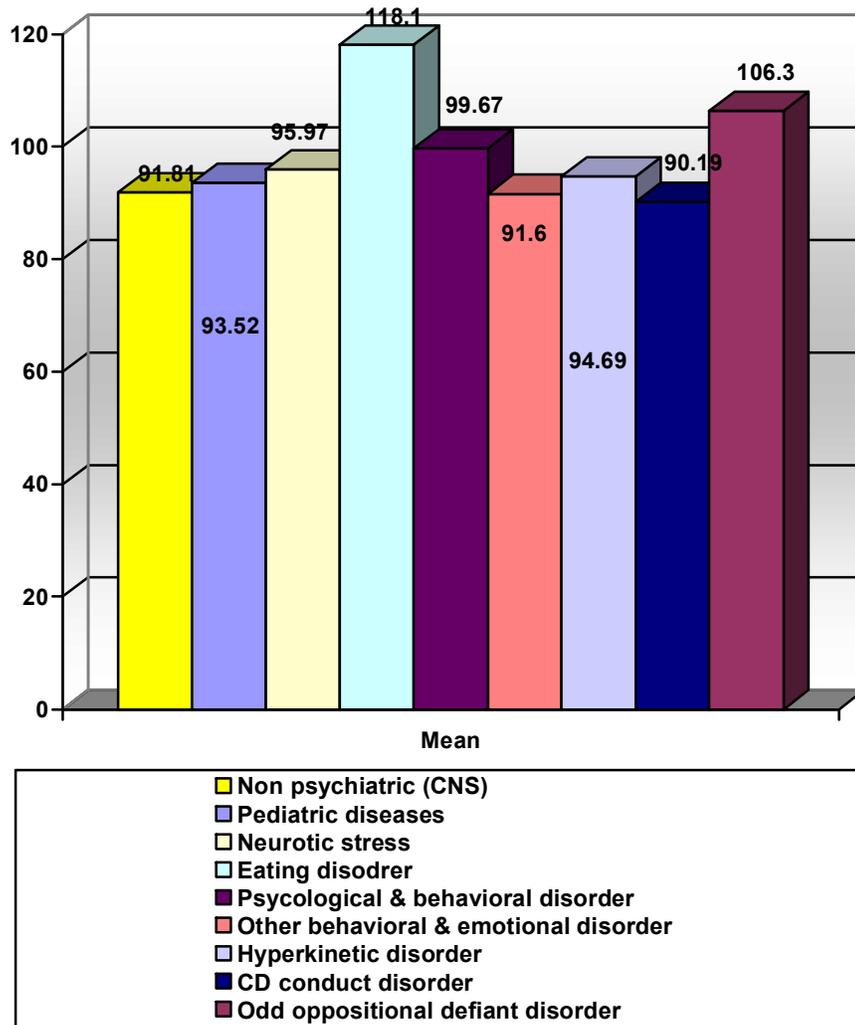


Fig. (19): Egyptian Mean IQ of Pediatric Psychiatric Study Subjects by Major Diagnosis [1991-1996]



**Fig. (20): Egyptian Mean Weight & Height of Pediatric Psychiatric Study
Subjects by Major Diagnoses [1991-1996]**

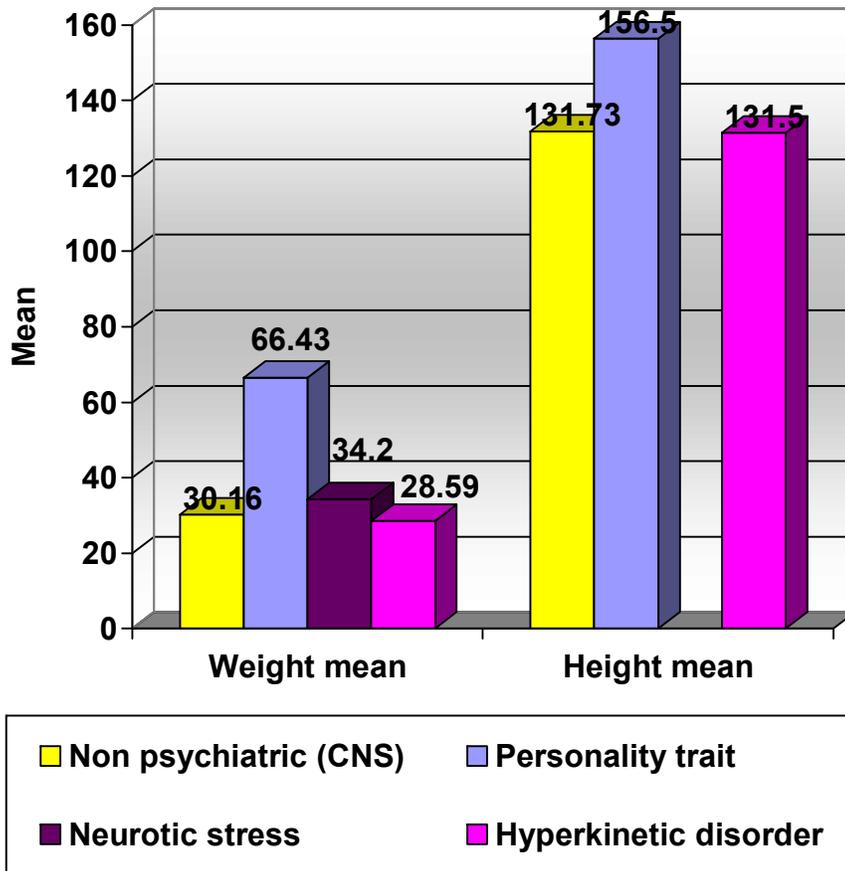
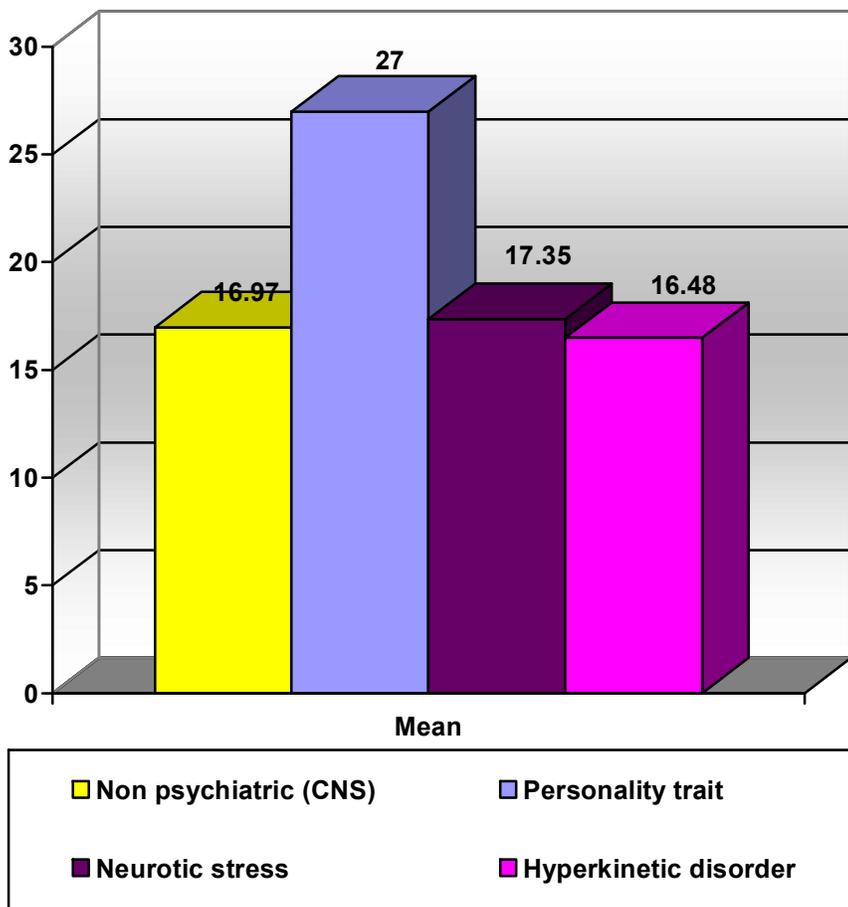


Fig. (21): Egyptian Mean BMI of Pediatric Psychiatric Study Subjects by Major Diagnoses [1991-1996]



Fourth Study Period, 1980-1990:

Fig. (22): Egyptian Distribution of Pediatric Psychiatric of Major diagnoses by Universities [1980-1990]

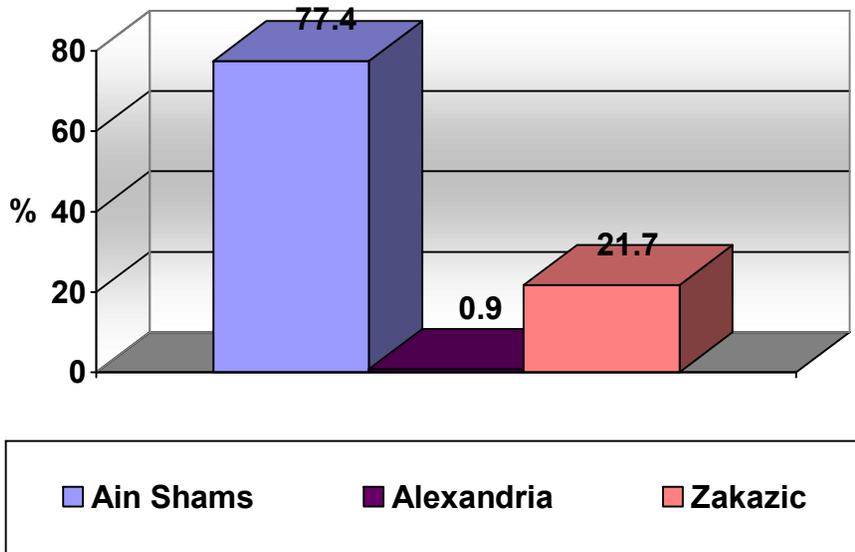


Fig. (23): Egyptian Distribution of Pediatric Psychiatric of Major diagnoses by Governorates [1980-1990]

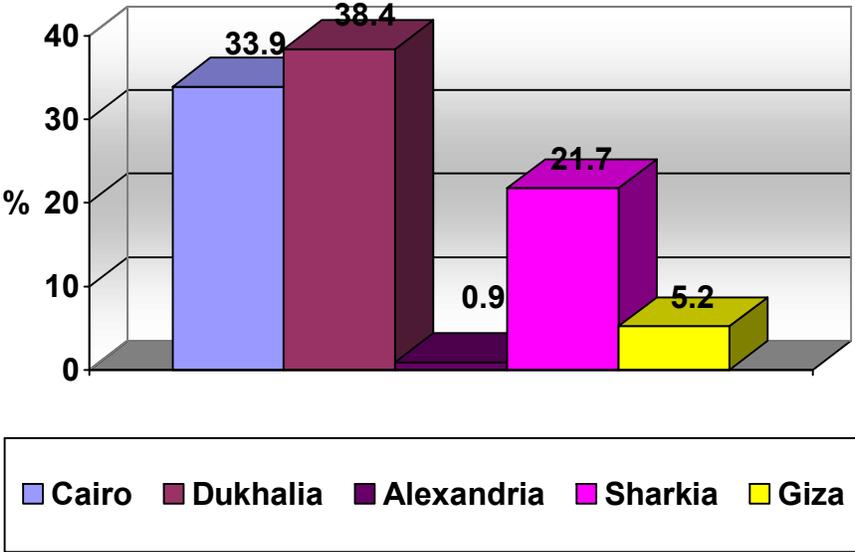


Fig. (24): Egyptian Distribution of Pediatric Psychiatric of Major diagnoses by Sex [1980-1990]

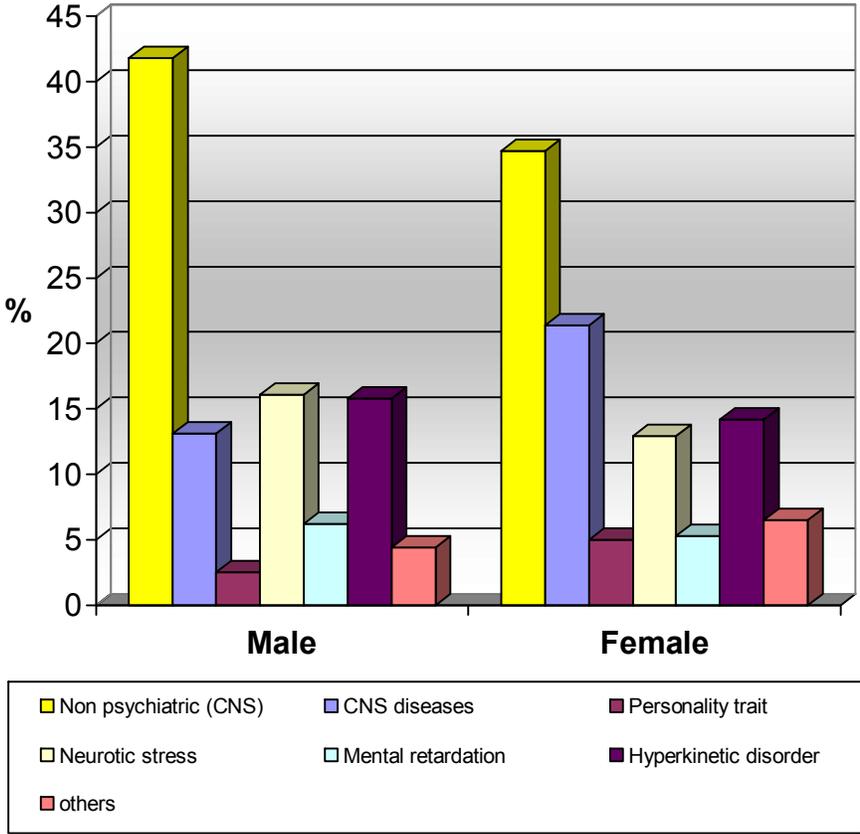


Fig. (25): Egyptian Mean Age of Pediatric Psychiatric Study Subjects by Major Diagnoses [1980-1990]

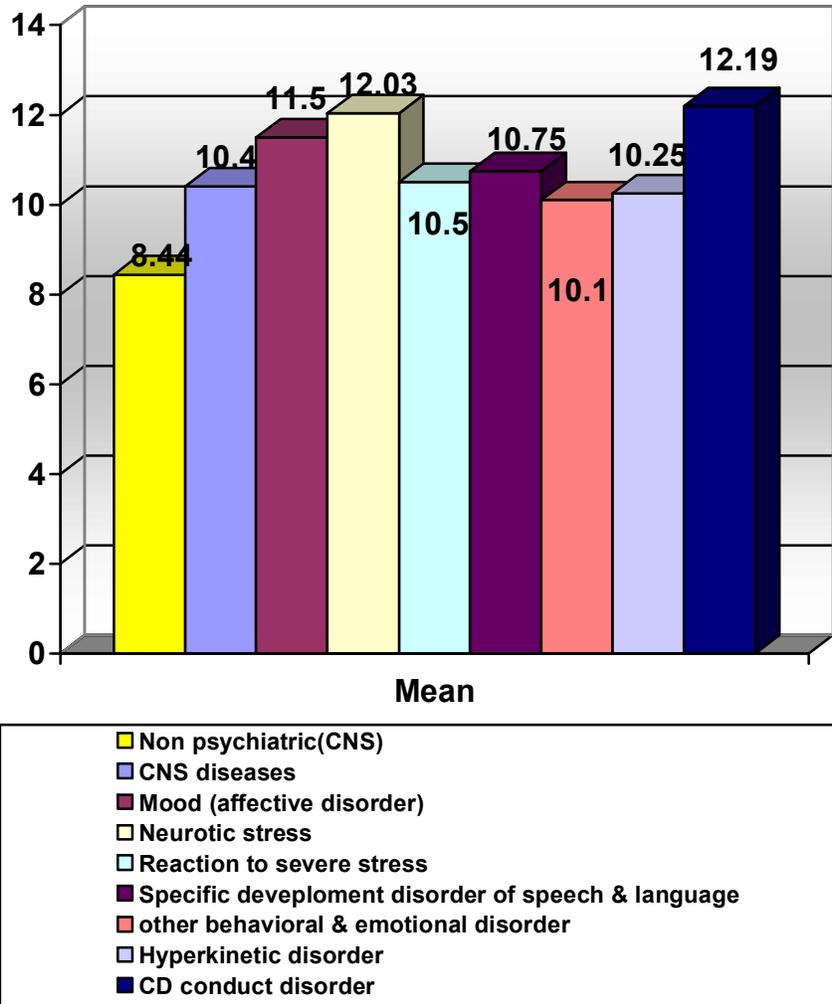
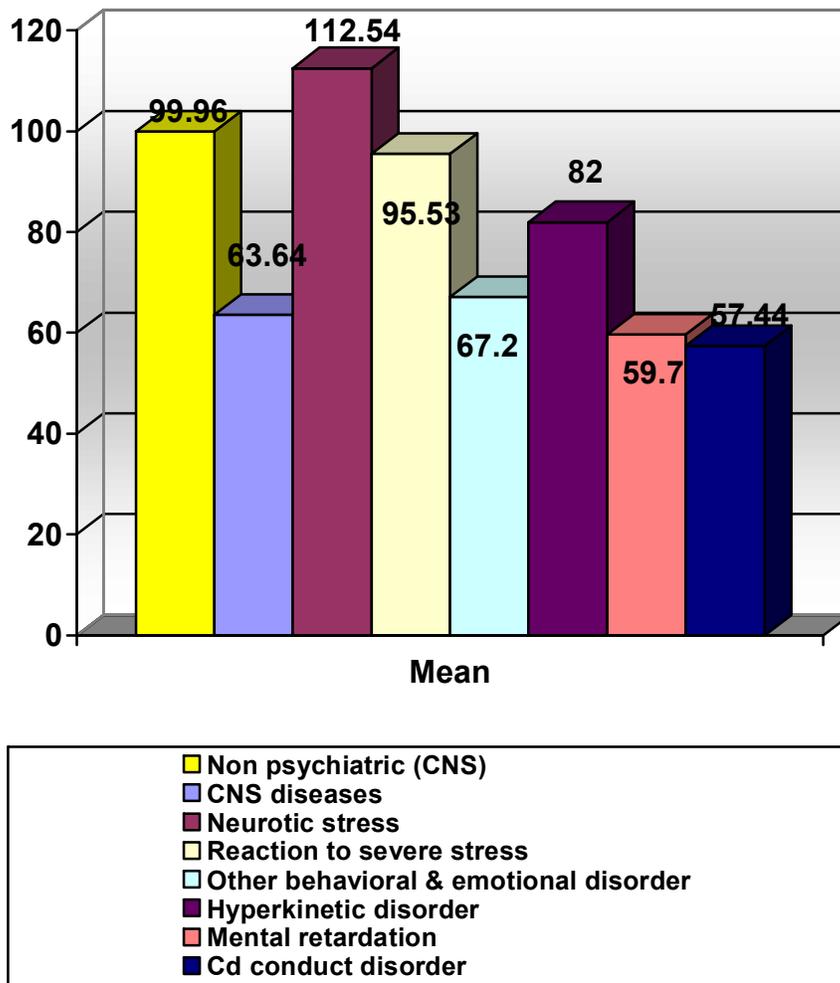
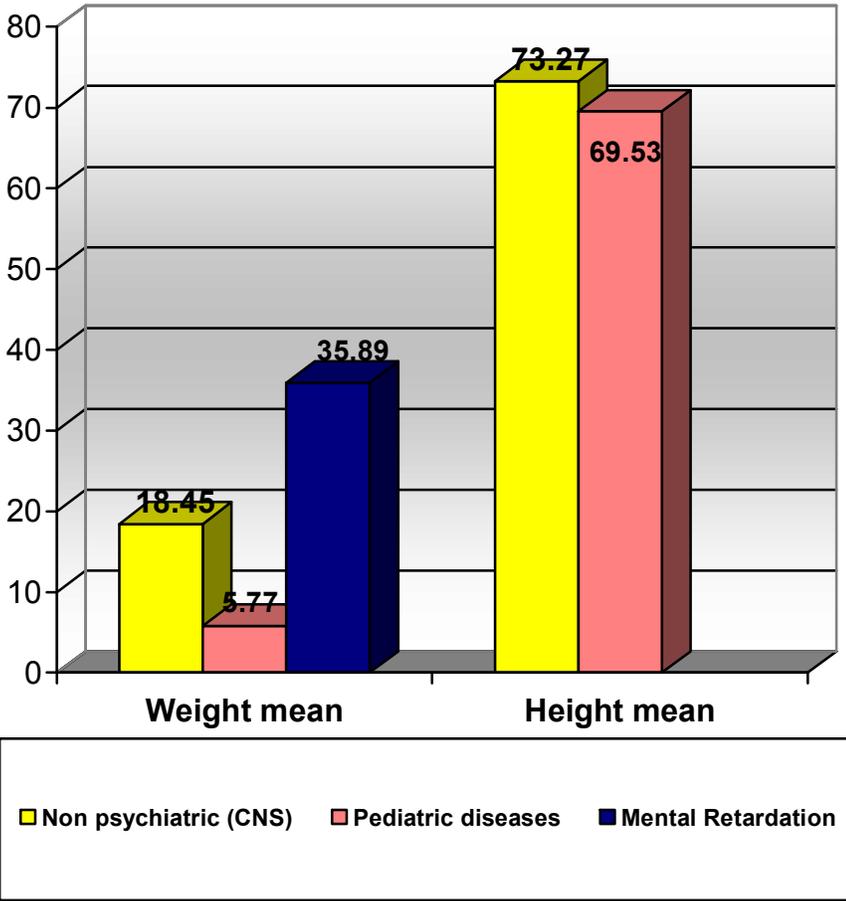


Fig. (26): Egyptian Mean IQ of Pediatric Psychiatric Study Subjects by Major Diagnoses [1980-1990]



**Fig. (27): Egyptian Mean Weight & Height of Pediatric Psychiatric Study
Subjects by Major Diagnoses [1980-1990]**



Fifth Study Period, 1980-2005:

Fig. (28): Egyptian Distribution of Pediatric Psychiatric of Major diagnoses by Universities [1980 – 2005]

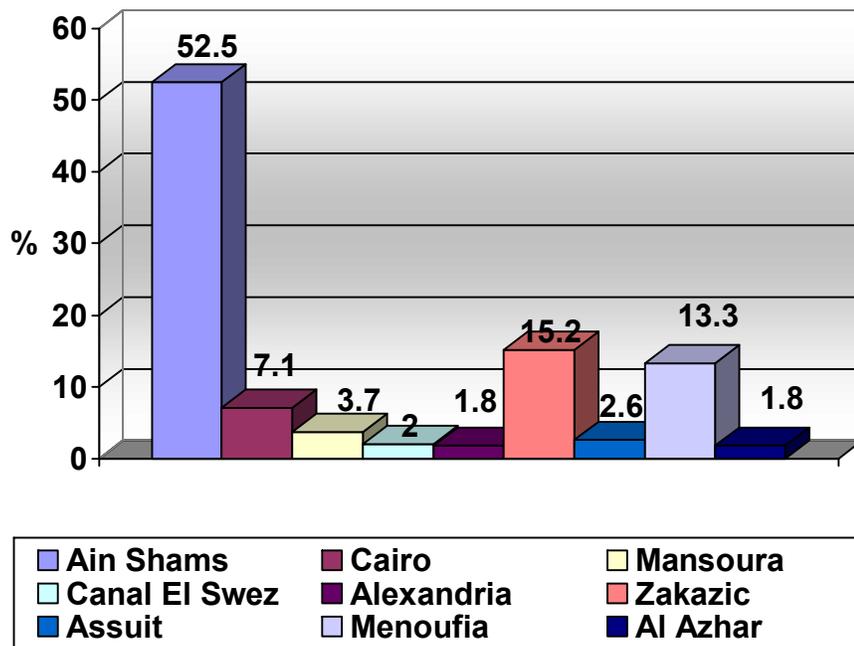


Fig. (29): Egyptian Distribution of Pediatric Psychiatric of Major diagnoses by Governorates [1980 – 2005]

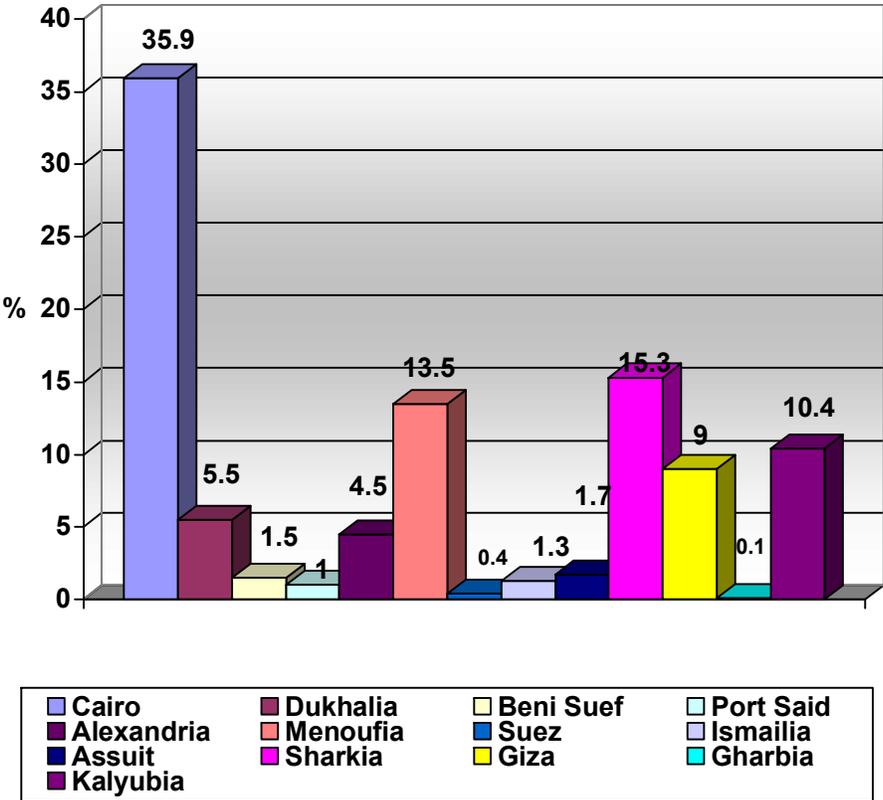


Fig. (30): Egyptian Distribution of Pediatric Psychiatric of Major diagnoses by Sex [1980 – 2005]

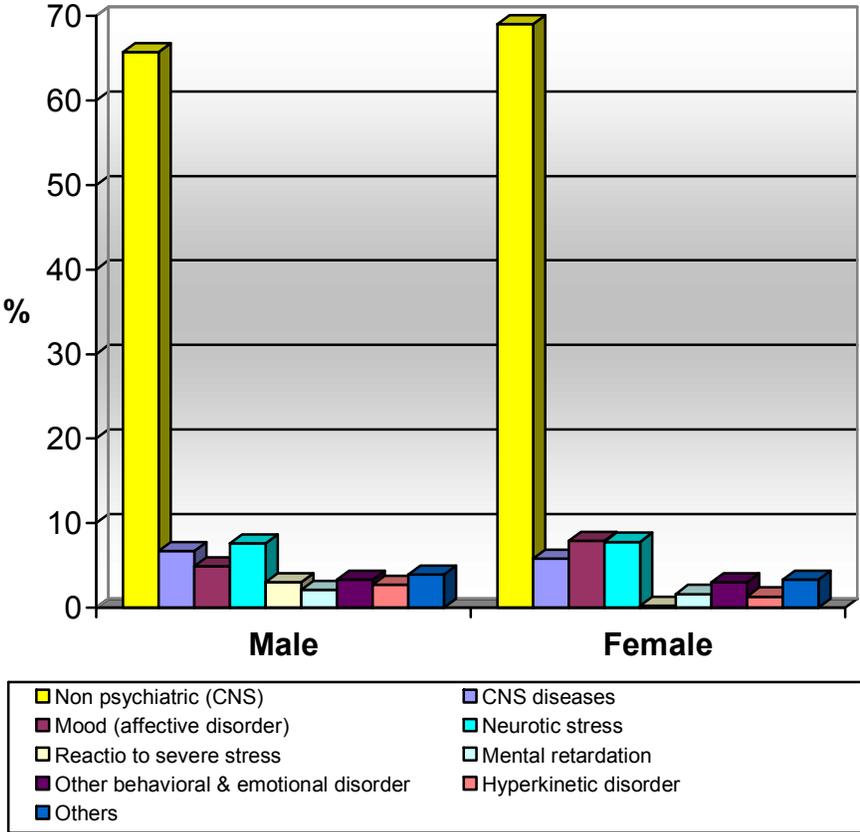


Fig. (31): Egyptian Mean Age of Pediatric Psychiatric Study Subjects by Major Diagnoses [1980 – 2005]

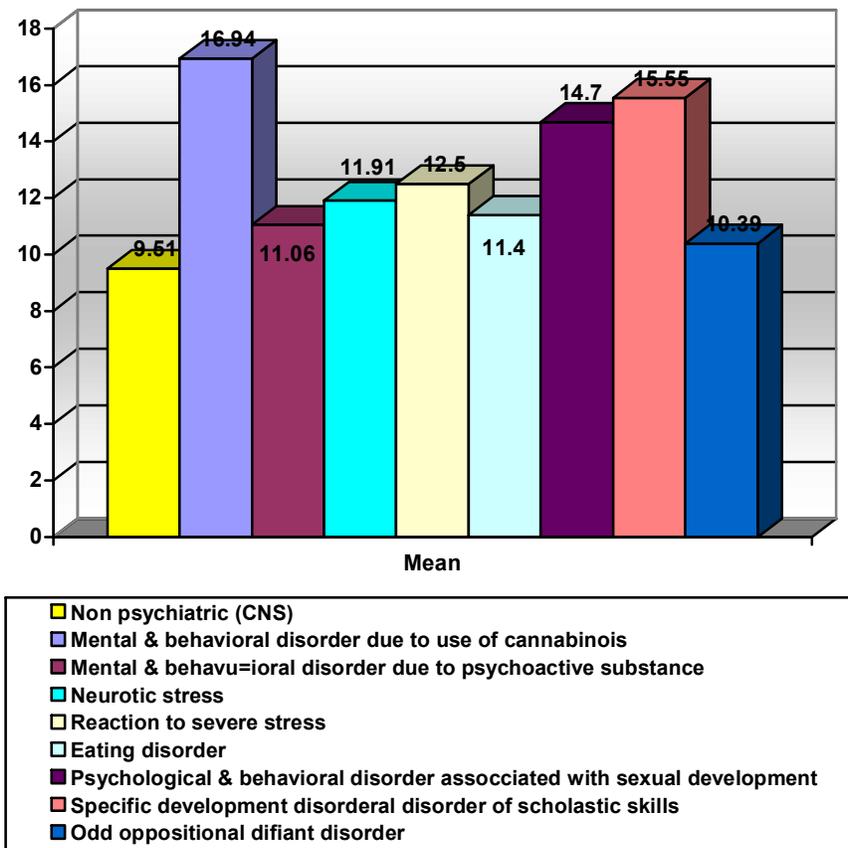
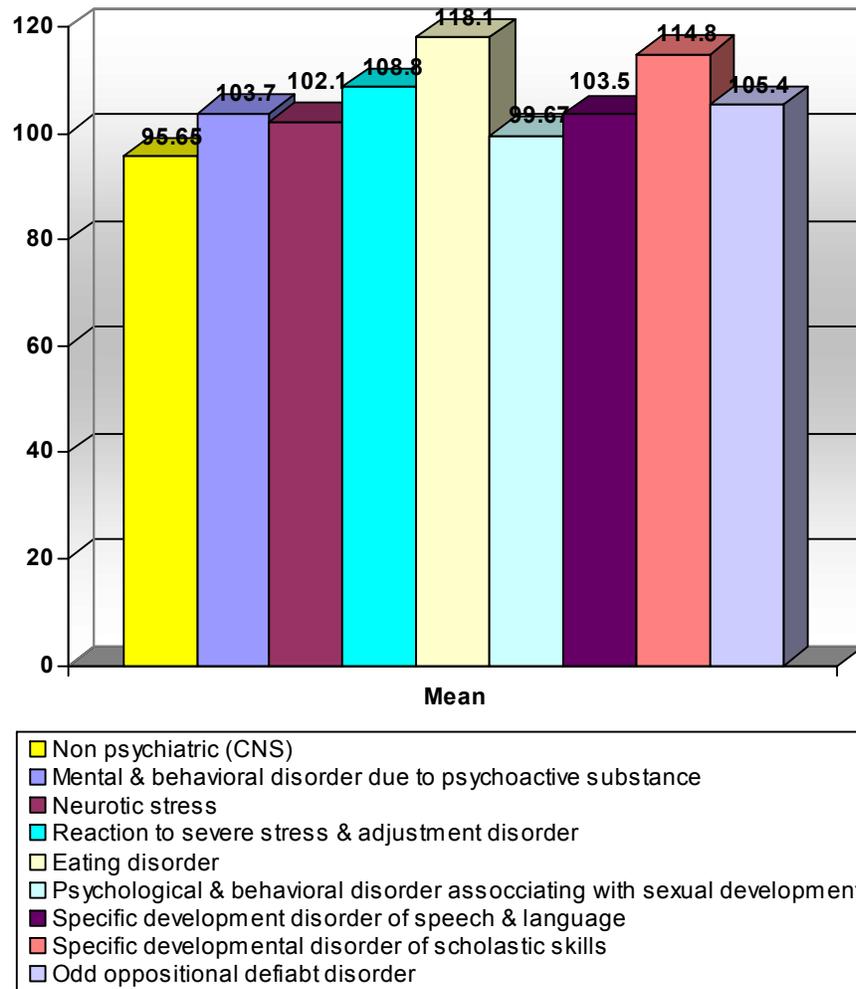


Fig. (32): Egyptian Mean IQ of Pediatric Psychiatric Study Subjects by Major Diagnoses [2001 – 2005]



**Fig. (33): Egyptian Mean Weight & Height of Pediatric Psychiatric Study
Subjects by Major Diagnoses [1980-2005]**

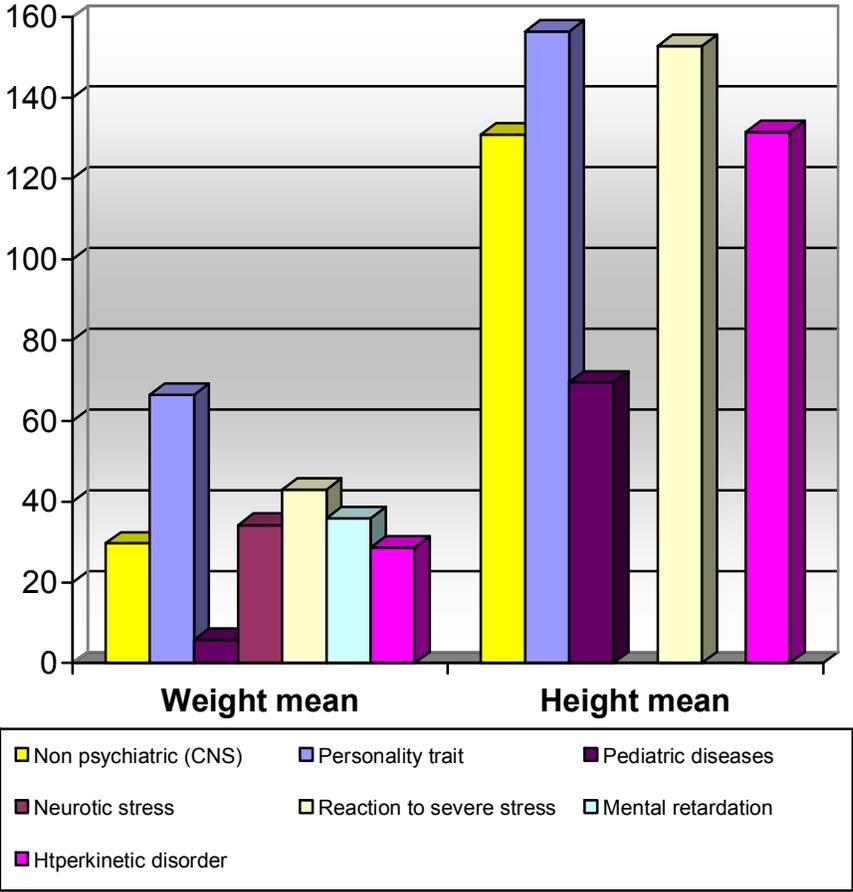
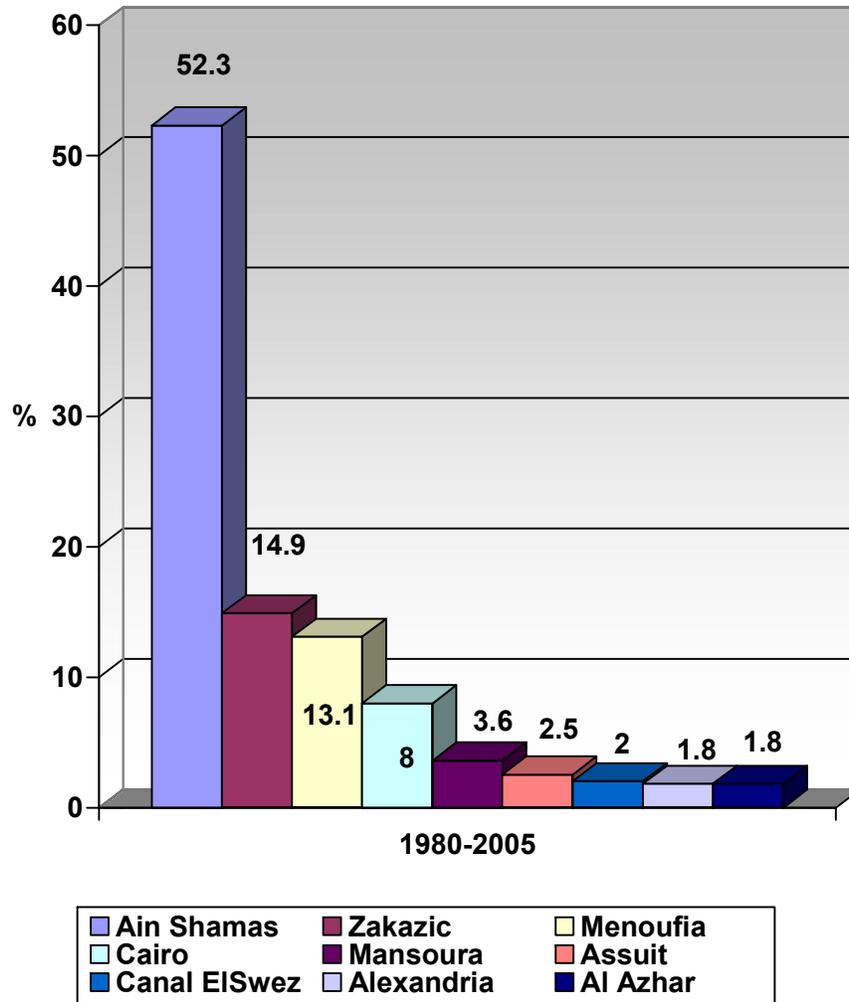
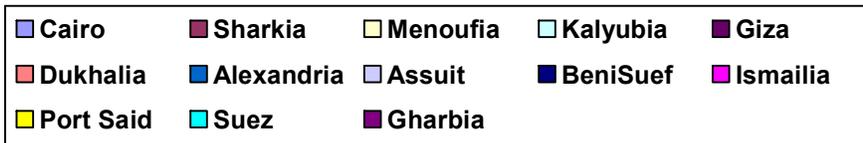
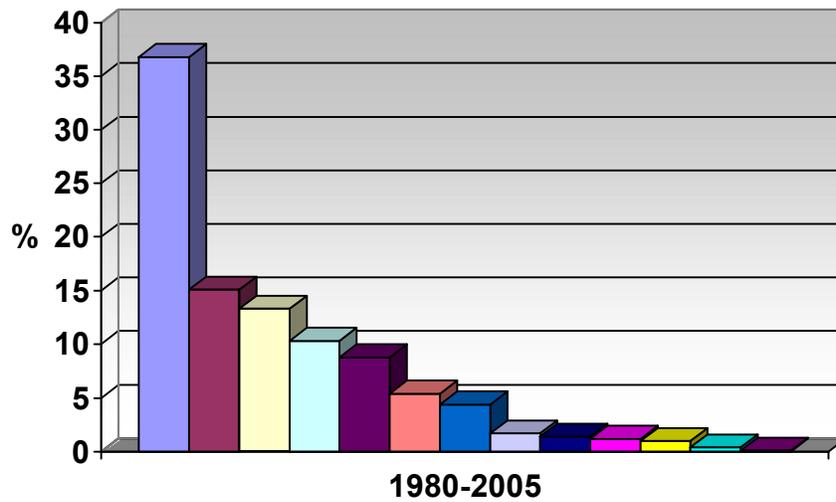


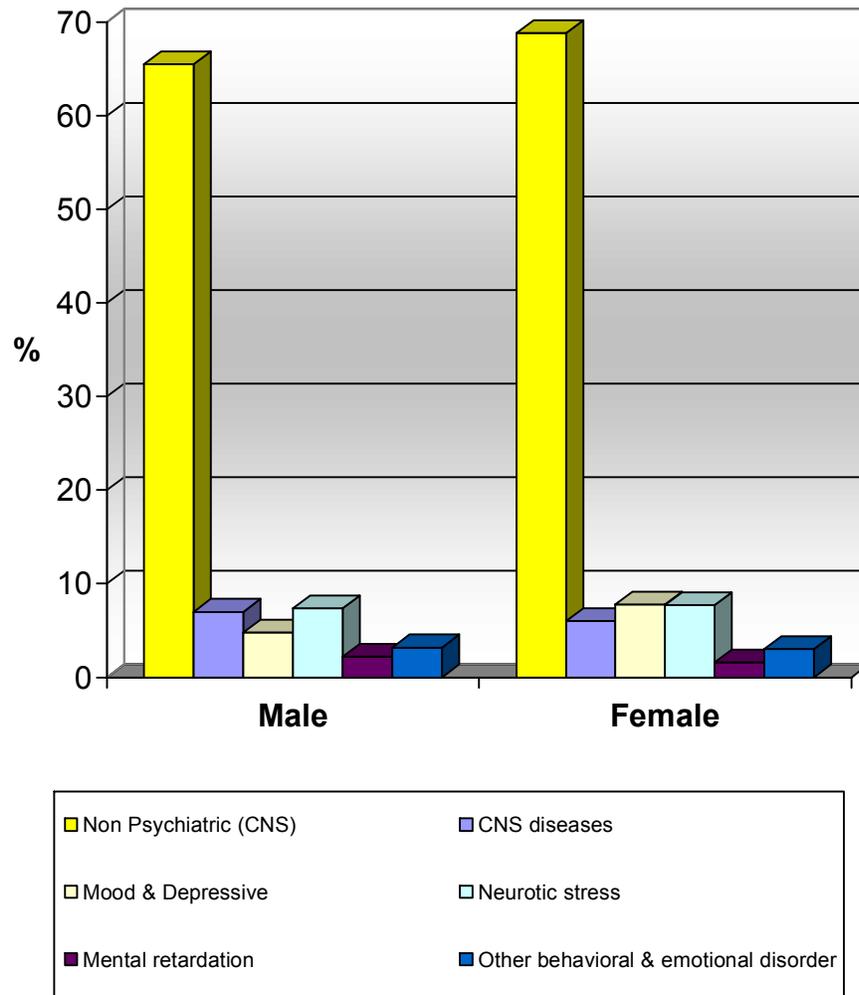
Fig. (34): Egyptian Distribution of Pediatric Psychiatric of Major Diagnoses, by Universities, 1980-2005



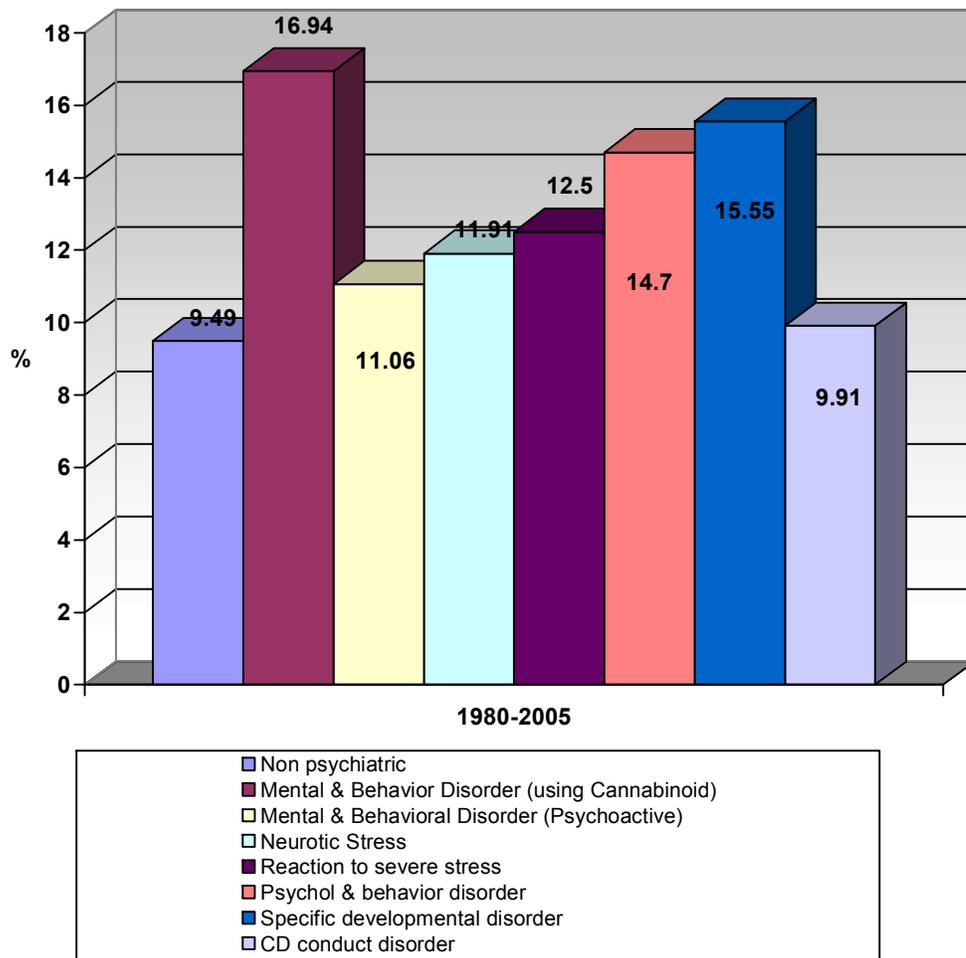
**Fig. (35): Egyptian Distribution of Pediatric Psychiatric of Major Diagnoses,
by Governorates, 1980-2005**



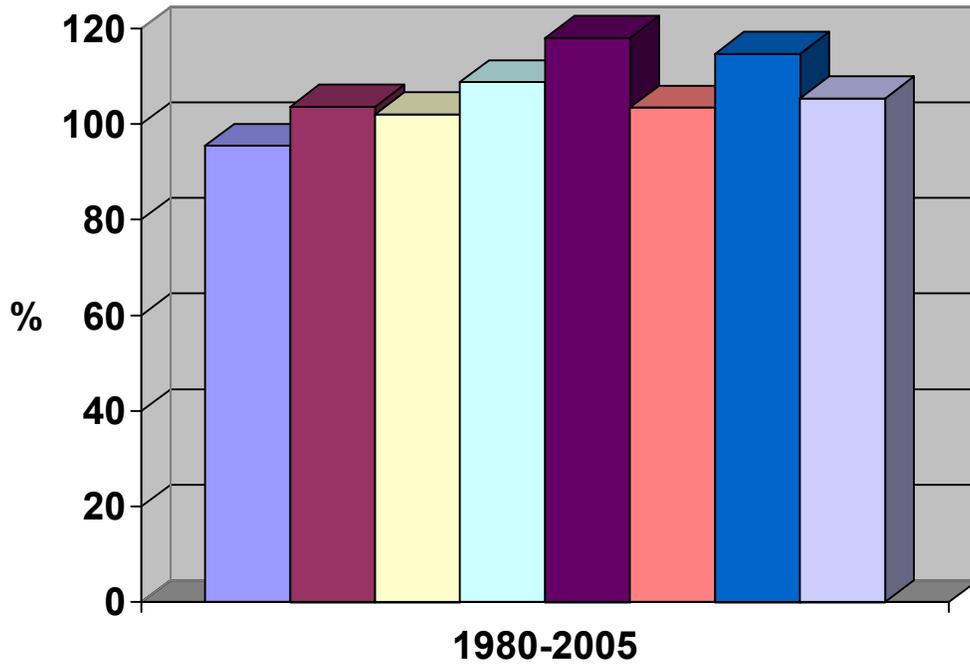
**Fig. (36): Egyptian Distribution of Pediatric Psychiatric of Major Diagnoses
Adjusted by ICD-10, 1980-2005**



**Fig. (37): Egyptian Mean Age of Pediatric Psychiatric of Major Diagnoses
Adjusted by ICD-10, 1980-2005**



**Fig. (38): Egyptian Mean IQ of Pediatric Psychiatric of Major Diagnoses
Adjusted by ICD-10, 1980-2005**



- Non psychiatric
- Mental & behavioral disorder (psychoactive)
- neurotic stress
- Reaction to severe stress
- Eating disorder
- Speech & Language
- Scholastic disorder
- Odd oppositional

Fig. (39): Egyptian Mean Weight of Pediatric Psychiatric of Major Diagnoses Adjusted by ICD-10, 1980-2005

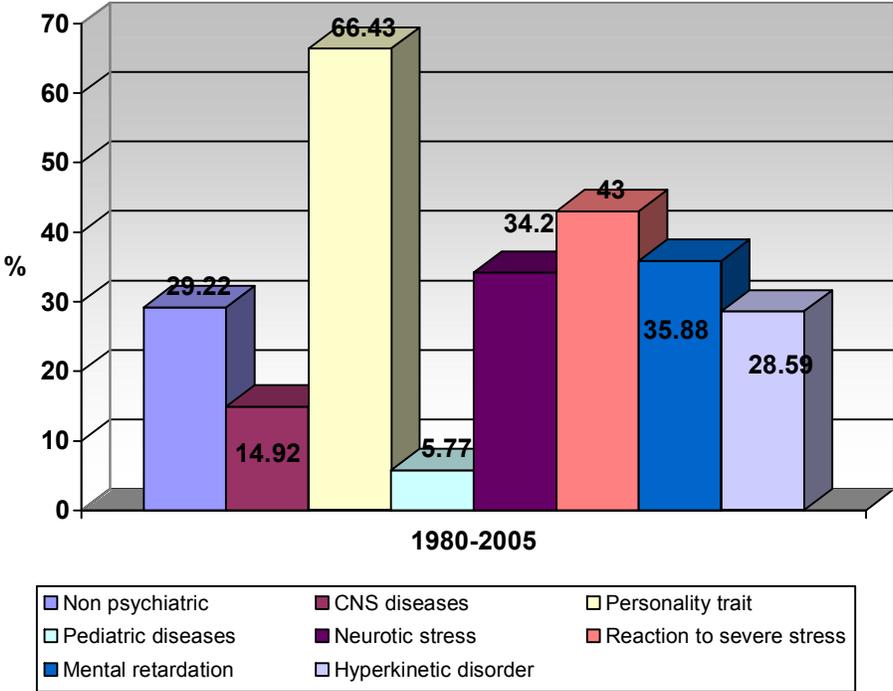
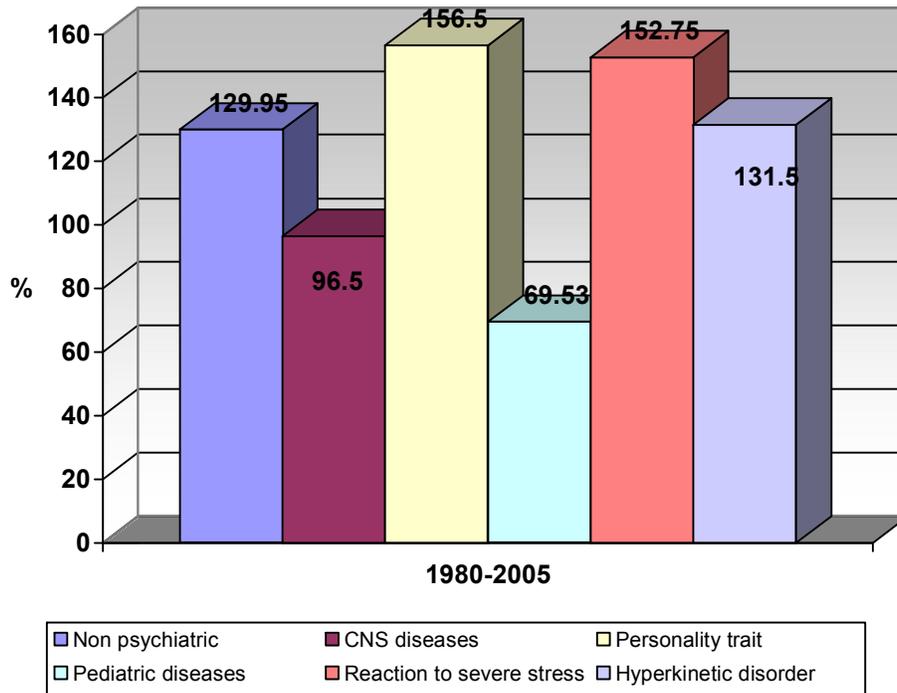


Fig. (40): Egyptian Mean Height in cm of Pediatric Psychiatric of Major Diagnoses Adjusted by ICD-10, 1980-2005



**Fig. (41): Egyptian Mean BMI of Pediatric Psychiatric of Major Diagnoses
Adjusted by ICD-10, 1980-2005**

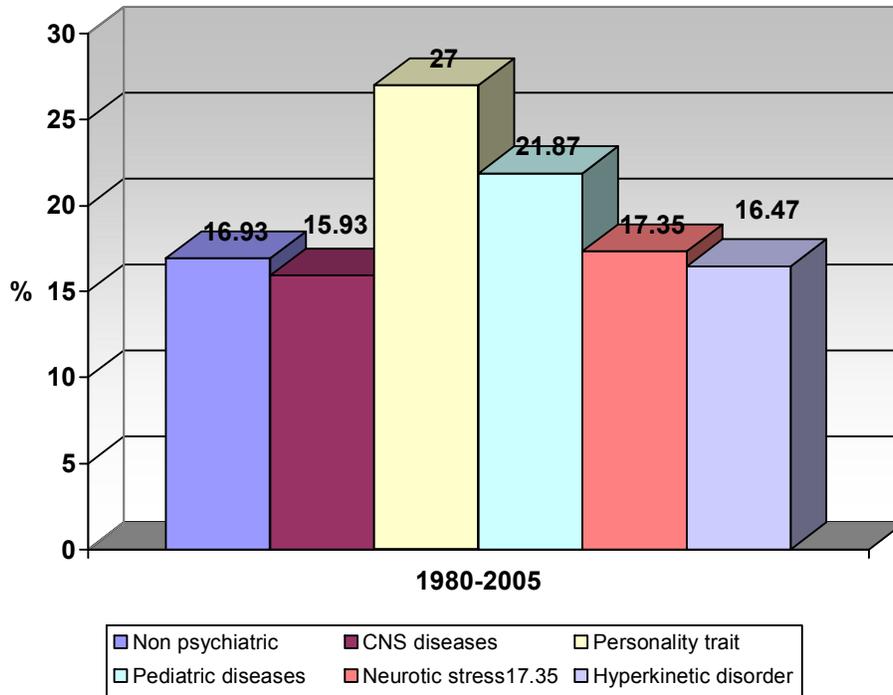
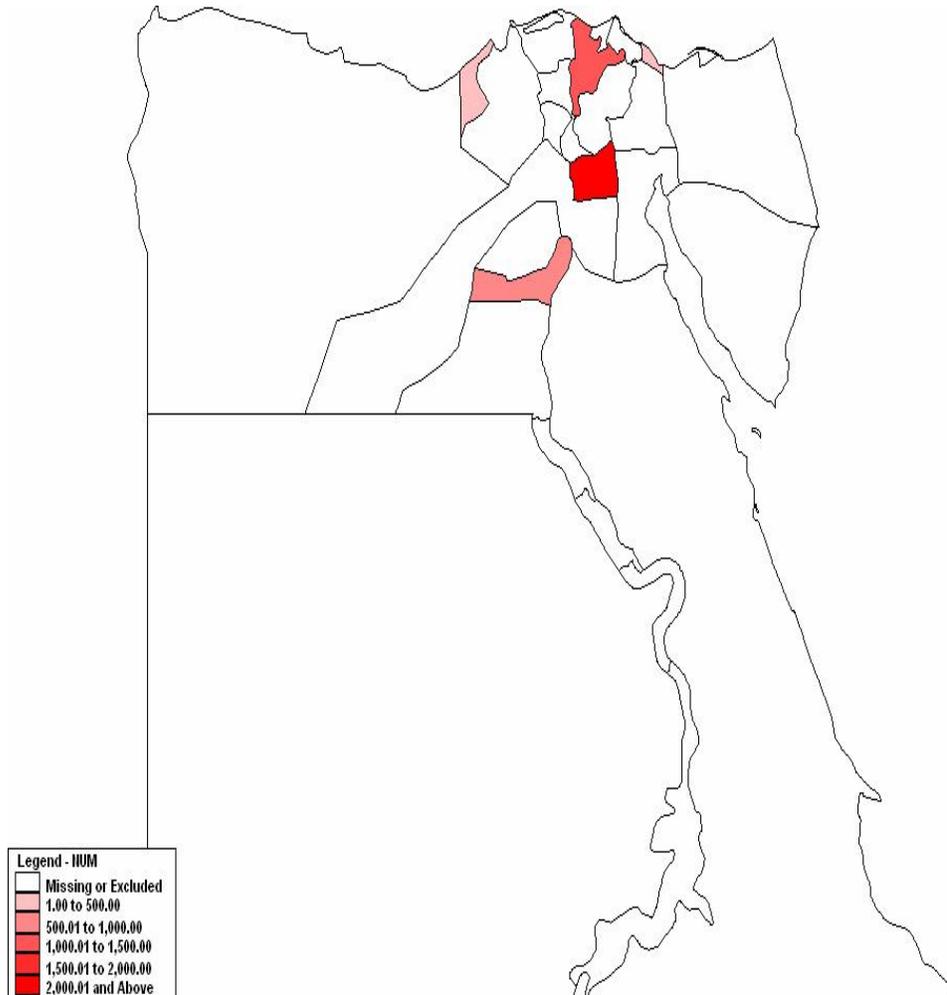


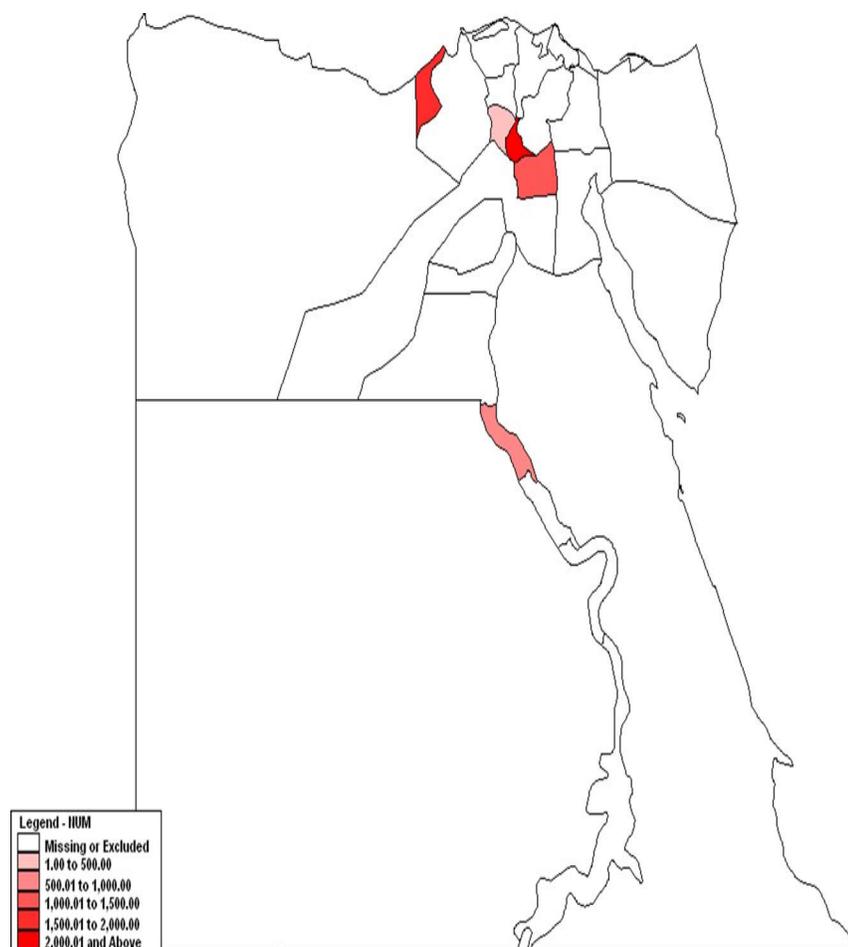
Fig. 1; The Major Psychiatric Diseases in Egypt by Governorates, 2001-2005



The Major Psychiatric Diseases In Egypt By Governorates, Prepared by Dr. Zakaria Abdel-Hamid, Ministry of Health and Population:

YEAR	TOP 1st	2nd	3rd	4rd	5th
2001-2005	CAIRO 3,471	DUKHALIA 1,000	BENI SUEF 836	PORT SAID 400	ALEXANDRIA 386

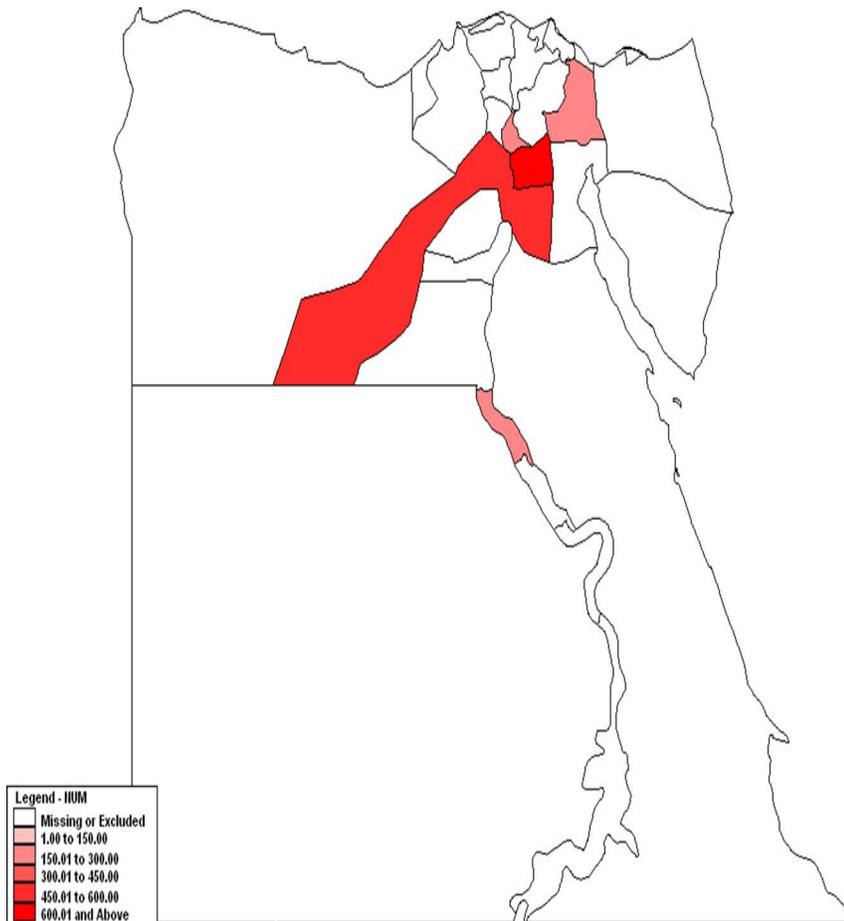
Fig. 2; The major Psychiatric Diseases in Egypt by Governorates, 1996 - 2000



The Major Psychiatric Diseases In Egypt By Governorates, Prepared by Dr. Zakaria Abdel-Hamid, Ministry of Health and Population:

YEAR	TOP 1st	2nd	3rd	4th	5th
1996-2000	MENOUFIA 7,200	CAIRO 5,960	KALYUBIA 3,756	ALEXANDRIA 2,152	ASSUIT 518

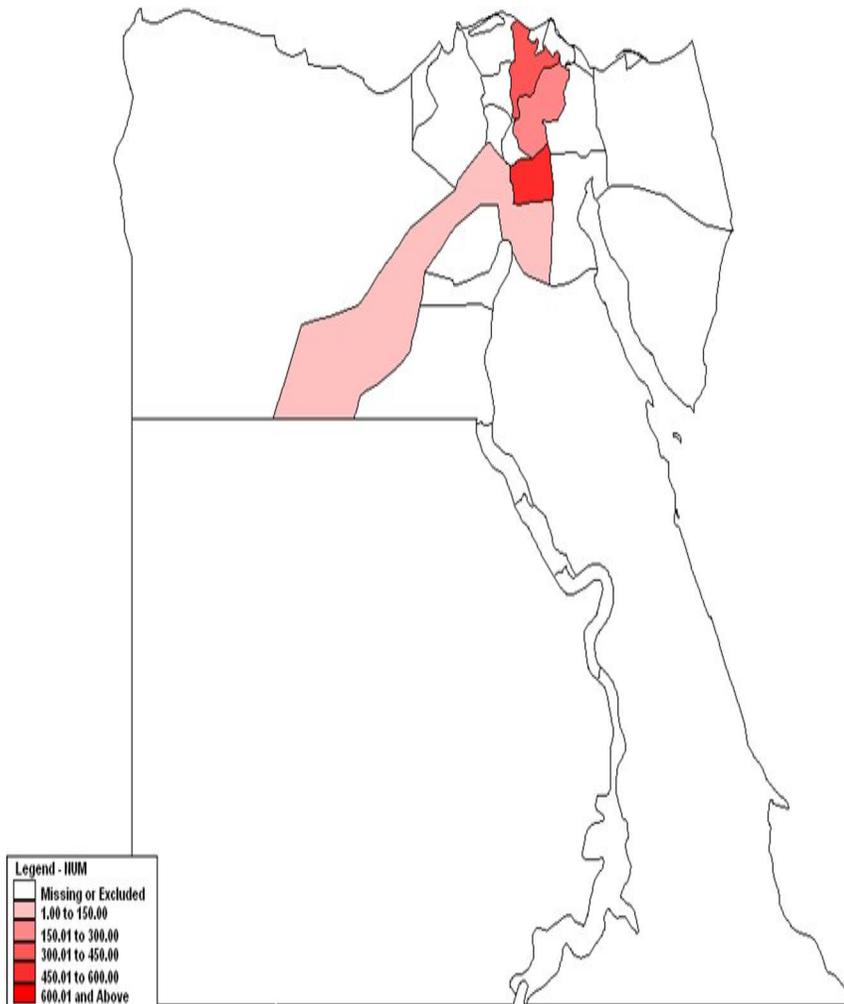
Fig. 3; The major Psychiatric Diseases in Egypt by Governorates, 1991 - 1995



The Major Psychiatric Diseases In Egypt By Governorates, Prepared by Dr. Zakaria Abdel-Hamid, Ministry of Health and Population:

YEAR	TOP 1st	2nd	3rd	4th	5th
1991-1995	CAIRO 10,951	SHARKIA 7,904	GIZA 4,847	KALYUBIA 2,185	DUKHAILIA 952

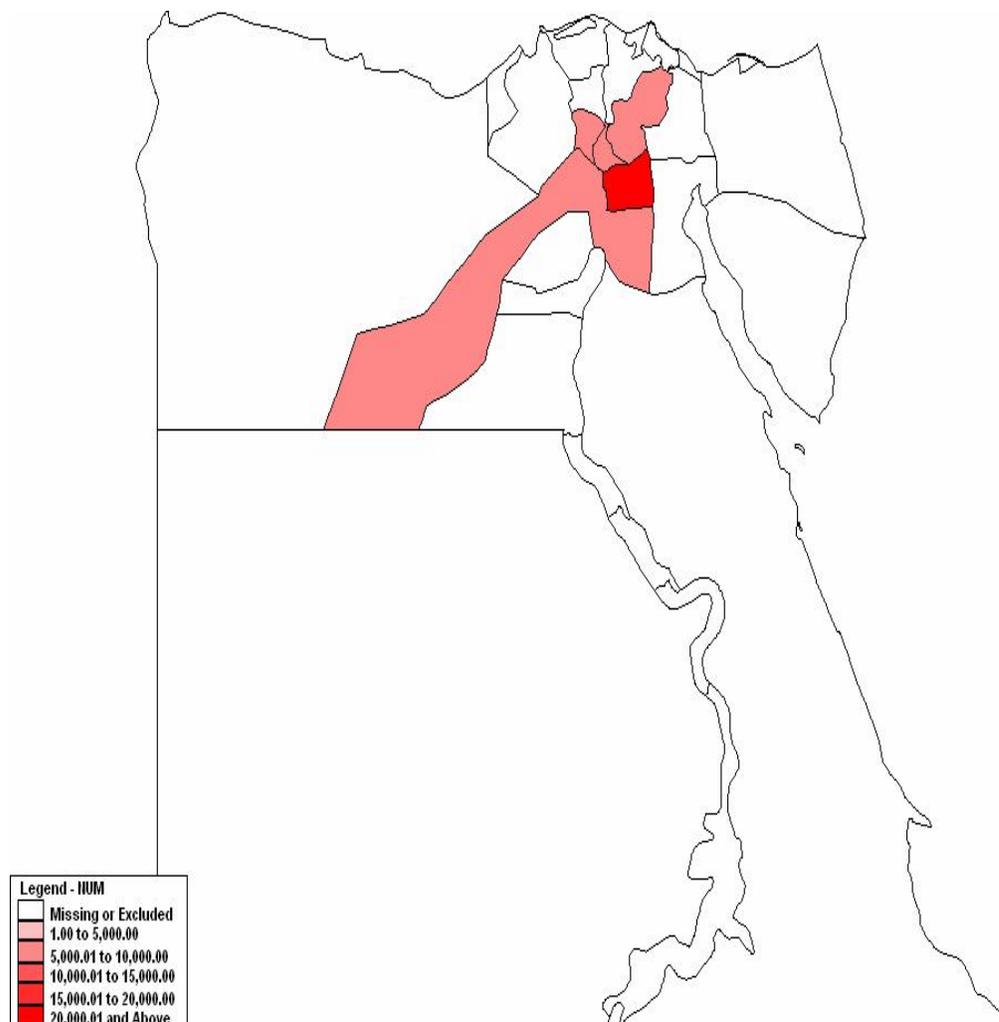
Fig. 4; The major Psychiatric Diseases in Egypt by Governorates, 1980 - 1990



The Major Psychiatric Diseases In Egypt By Governorates, Prepared by Dr. Zakaria Abdel-Hamid, Ministry of Health and Population:

YEAR	TOP 1st	2nd	3rd	4th	5th
1980-1990	DUKHALIA 1,034	CAIRO 912	SHARKIA 585	GIZA 139	ALEXANDRIA 24

Fig. 5, The Major Psychiatric Diseases in Egypt by Governorates, 1980-2005



The Major Psychiatric Diseases In Egypt By Governorates, Prepared by Dr. Zakrya Abdel-Hamid, Ministry of Health and Population:

YEAR	TOP 1st	2nd	3rd	4th	5th
1980-2005	CAIRO 5,312	SHARKIA 8,702	MENOUFIA 7,669	KALYUBIA 5,941	GIZA 5,096

References:

1. **Salah Mostafa, Omar El-Shourbagy**, "Research Design, Medical Reporting, Scientific Writing, and Reviewing, An Epidemiological Approach," 2nd Edition, Ain-Shams University, Cairo, 2005.
2. **Salah Mostafa, Omar El-Shourbagy**, Applied and Medical Statistics, 3rd edition, 2005, Ain-Shams University, Cairo
3. International Statistical Classification of Diseases and Related Health Problems, ICD-10, WHO, Geneva
4. SPSS version 12, SPSS Corporation, USA, 2005
5. EPI INFO for windows, CDC, Atlanta, USA, 2005
6. EPI MAP, CDC, Atlanta, USA, 2000
7. EPI INFO for windows, CDC, Atlanta, USA, 2005
8. EPI MAP, CDC, Atlanta, USA, 2000

Appendix

LIST OF THESES USED IN THE EPIC PROJECT

أسماء الرسائل المستخدمة في مشروع الإيبك

Name	Title	Year
Institute of Postgraduate Childhood Studies, Ain Shams University		
1. Ebtissm Mohamed Salah El Dean Mahmoud PhD	Long term lead exposure effect on IQ of preschool children	2000
2. Maha Fouad Abdel Latif Abou Hatab Ph.D	Psychiatric assessment of children of parents with obsessive compulsion disorder	2000
3. Siham Abdo Abdel Rahman Gobara PhD	Factors associated with referral in children with psychiatric disorder	2001
4. Ola Mohy ElDin Abd El Samie El Sheikh PhD	An immunological and psychological comparative study between breast fed and artificial fed infants in their first year of life	2000
5. Nashwa Nasr El Said Soliman PhD	Psychological aspects of chronic adenotonsillitis in late childhood	2001
6. Amany Abdel Salam Mohamed PhD	Intellectual development in children with congenital hypothyroidism In relation to thyroxin treatment	1998
7. Omnia Hussein Awad Heiba PhD	Epidemiological study on benign forms of epilepsy in school children	1997
8. Kamal Mohamed Mohamed Amer PhD	Childhood hearing disorders Clinical evaluation and habilitation	1997
9. Nancy Ibraim Abu El Maaty Master	Epidemiology of Attention Deficit Hyperactive Disorder (ADHD)	1996
10. Maha Abdel Ghany Sayed Ahmed, Master	Prevalence of depression symptoms and disorders in preparatory school children	1997
11. Amira Abdel Aziz Zaki Hanna PhD	Recent trends in diagnosis & treatment of types of mental retardation	1997
12. Faiza Fawzy Abdul Mageed PhD	Organic psychosocial factors in children suffering from recurrent abdominal pain	1999
13. Ahmed Hassan Khalil Hassan PhD	Some behavioral disorders of mild mentally disabled children in a boarding Egyptian center	2004
14. Samia Hasan Sobhi	Psychological Aspects in Egyptian children with	1995

Name	Title	Year
Ph D.	Endocinal Disorder	
15. Esmal Aziz Baskharone Master	Conduct disorder in deaf children	1997
16. Hanan Abd Allah Yehia Al Gamal Ph D.	Temporal lobe Epilepsy: psychiatric aspects & cognitive function	1996
17. Noha Ahmed Mohsen PhD	Psychological aspects of obesity in school girls in different socio-economic levels	1995
18. Laila Selim	The social, psychological and medical aspects of female circumcision	1995
19. Maher Abd Elatife Rashed Master D. of Childhood Studies	Behavioral effect of mother's separation from her premature baby	1992
20. Maha Wael Shaheen Ph. D	Psychiatric Morbidity in Preparatory School girls	1995
21. Mona Halmy Sanad Ph. D.	Effect of Stimulation program on motor & Social Development of Down Syndrome infants	1993
22. Waffa Moustafa El- Genaidy Master	Behavioral disorders in Deaf Children	1993
23. yasser El Saiad Abd El Manam Ph D	Neurological and psychological disorders in meningitic children	1993
24. Nevien Halme Ahmed Ph. D. Degree	Measurements of head, Anther optometric and IQ for Egyptian children (6-12 years)	1992
25. Maher Kikhail Marcos Ph. D	Some trace elements and biochemical studies in hyperactive children	1993
26. Amany Mohamed Ezz Ph. D.	Radioimmuno assay of hormonal changes in Joun Adolescents with different emotional disposition	1992
27. Ahmed Hamdy Abo El Yamin Ph D	Behavioral disorders in common auto immune diseases among Egyptian infants and children	1996
28. Hala El-Tabie El-Bassyouni Ph D.	Clinical and ultra structural studies in mental retardation of unknown etiology	1994
29. Hossam El Din Hussein Ph. D.	Effect of psychotherapy on diabetic children and their parents	1995
30. Fardous Saleman Hamed Ph. D.	Growth and mental functions in children with cardiac diseases	1993-1994
31. Sameh Helmy Ibrahim Ph. D.	Epidemiology of behaviour disorders in primary school children (6-11 years) in urbon and rural area in Egypt	1994
32. Khaled Mohamed Salama M. Sc	Prevalence of enuresis in primary school children in east region of Cairo	1992
33. Khaled Hussien Taman	Behaviour changes in epileptic children	1993
34. Elham Said Mahmoud Afify Master	Depression: Depressive symptoms in preschool children	1992
35. Hesham Ahmed Ebrahim Shalaby Ph. D	Assessment of thyroid and insulin hormones in the different behavioral disorders children	1990
36. Alaa Hamed Abou El-Soud Master	Cognitive & behavioral sequelae of closed head injury in a sample of Egyptian children	1994

Name	Title	Year
37. Mohamed Gamal Abd El- Ghani Master	Parental reaction to having a child with Down's syndrome	1990
38. Alia Mahmoud Gaber Master	The relationship between passive smoking & Neuro psychiatric disorders among children	1990
39. Mohamed Hussein Aly Master	Relationship between recent undest rable life events and onset of some psychiatric disorders of childhood	1990
40. Azza Ramadan El Sayed Bunna Master	Psychosocial study of children with poliomyelitis	1990
41. Youssif Wahba Gad Master	Behavioural and cognitive characteristics in hyperkinetic children	1990
42. Mona Mohamed Abd El-Salaam Master	Educational Achievement of school children suffering from epilepsy	1992
43. Mona Abdel Fatttah El-Shamy Master	Prevalence of Enuresis among primary school children in Banha	1992
44. Afaf Mamdouh Salem Master	Behaviour disorders in primary school children comparative study between boys and girls	1992
45. Saher A Gaber	Attention & iron Deficiency in Egyptian school children	1990
46. Gamal Samy Aaly Ph. D	Psychosocial sequalee of Juvenile rheumatoid arthritis	1990
47. Mohamed Khaled Mohamed El- Menabawi Ph. D	Behavioral & Emotional changes among subnormal children	1990
Cairo University, Faculty of Medicine		
48. Marlene abdel Malak Mesak Bastawors	Sleep habits & problems among children suffering from psychiatric disorders	2003
49. Radwa Said Abdel Azim	Art therapies: Dance/movement therapy application in child & adolescent psychiatry	2004
50. Mona Hamed Hassab Allah	Psychiatric problems in orphanage children	2002
51. Dlaia Mohamed Labib Abdel Azim	Video EEG monitoring for the diagnosis of epileptic & nonepileptic paroxysmal seizures in children	2004
52. Ihab Amin Khalifah Master	Psychosocial & Psychiatric comparison between high & low achievers in primary school children	2001
53. Mohamed Mosoud Higazy Master	Psychological profile of 4 th & 5 th grades repeaters – Common rural community in Menofia	2001
54. Maged Al Adrousy Ahmed Gomaa Master	Assessment of Attention & Hyperactivity symptoms in offsprings & parents with bipolar disorder	2004
55. Mohamed Abdel Gawad Ghait Master	Psychological & Electronecephalographic study in school children with iron deficiency anemia	2002
56. Gilan Gad El- Kaream Abd El Neam Master	Viral infections (Cytomegalovirus –Parvovirus B-19) among infants & children with febrile seizures	2001
57. Heba Allah Hesin Allah Habib Master	Psychological & psychiatric impact of cancer diagnosis & management of children	2000

Name	Title	Year
58. Marian Yousry Fahmy Master	Functional neuroimaging (spect) in intractable epilepsy	2003
59. Naglaa Nabeel AbdEl Hameed Sleem Master	دراسة الصرع في الأطفال – دراسة علمية وفسولوجية	2000
60. Alia Mahmoud Fikry Master	Clinical study of Myoclonic epilepsy in infancy & childhood	2000
61. Ghada Wahby Mohammed Master	Lead & zinc levels in mentally retarded children	2003
62. Hani Hamed Desoki Master	Mental retardation as a problem in Beni Suef Governate	2003
63. Amany Ahmed Abdou Mahmoud Master	Psychiatric aspects of children with specific learning disabilities in Egypt	2000
64. Heba Shaker El Salamony Master	Value and significance of serum copper estimation in epileptic patients before treatment	2003
65. Ahmed Farrg Mostafa Master	Evaluation of partial Epilepsy in Pediatric Patients	2001
66. Ahmed Abd Elaziz Abd Rabo Master	A comparative study of anxiety disorders in the primary school children	1995
67. Amany Ahmed Abdon Master	Family reactions & interactions towards mentally retarded children	1994
68. Saffa Ismail Sedky Master	Genetic studies in muscle dystrophy	1994
69. Khaled Mohammed Sabry El Attar Master	Benign focal epilepsies of childhood: an electro-clinical & radiological study	1994
70. Randa Ibrahim Nassif El Dessouky Taha Master	Three years retrospective Survey study of convulsions in NICU Kasr El Aini	1994
71. Ahmed Usama Tawfik Kaddah Master	Disorders of Amino acid metabolism in mental retardation	1994
Mansoura University, Faculty of Medicine		
72. Moustafa Abd El Monhem Amer Master	Clinical Psychometric & Magnetic Resonance Imaging studies of some attention deficit & Disruptive behavior disorders in Egyptian children	2000
73. Mohamed Mahmoud Shahada Master	Study of some psychosocial aspects of Juvenile delinquency in Dakahlia Governorate	1996
74. Nevin Fayez wanis Zaki Master	Screening of psychiatric disorders among inhabitants of orphan homes & school children	1994
75. Mohamed Abdel Elhadidy Master	Preliminary study on the inhalants abuse among school children in Mansoura City	2001
Zagazig University, Faculty of Medicine		
76. Ehsan Mahmoud Fahmy Master	Psychiatric assessment in primary school children in Sharkia Governorate	1981

Name	Title	Year
77. آمال صلاح الدين محمد المتيم Master	دراسة ميدانية للأمراض العصبية في صغار السن	1992
78. Mohamed Gamal Ali Negm PhD	Psychological effects of lymphoblastic leukemia therapy in childhood	2002
79. Ahmed Fawzy El Samih Khater Master	Neurological manifestations in protein calorie malnutrition in children in Sharkia	1987
80. عادل سعيد عبد الغفار ماجستير	معدل انتشار مرض شلل الأطفال في محافظة الشرقية في العمار التي تتراوح بين 6-15 عام	1987
81. Ahmed Adb El-Tawab Ibrahim Master	Childhood abnormal involuntary movements clinical & laboratory studies	2002
82. Mohsen Mady El Sawy Master	Epideminological study of acute poliomyelitis in Sharkia governorate	1995
83. عبد الحكيم محمد شوقي عبد الحكيم Master	دراسة مقارنة بين الظواهر الاكلينيكية العصبية ورسم المخ وجهاز الفحص المركزي المحوري بالكمبيوتر للأطفال المصابين بالصرع	1987
84. Karam Silem Amin Master	Chronic headache among school children in Sharkia governorate	2001
85. عادل سعيد عبد الغفار, Ph D	التغيرات العضلية في شلل الأطفال المزمن	1994
Suez Canal University		
86. Magda Mohamed Hamed Master	Prevalence of the attention deficit hyperactivity disorder in the primary school children with the family function in Abou Khalifa village	2001
87. Maha Mohammed Loutfy Moharram Master	Study about family perspective of causes & effects of child labor on children's physical development & psychological functioning in Port Said	1999
88. Amal Zakaria Ahmed Master	Psychiatric morbidity among children 6-12 years attending pediatric outpatient clinic in Suez Canal University hospital	2000
89. Emil Aiad Abdo Master	Study of some risk factors in family of enuretic children in primary schools children at 24 October area in Suez	2001
90. Mohammed Ibrahim Elkaliby Master	Blood phenylalanine level in mentally retarded microcephalic	1980
91. Sahar Aly Abdel Khalik Master	Psychiatric problems and academic achievement in primary school children in Ismailia	1995
Al Azhar University		
92. Mohammad Ahmad Mohammad Yousof; PhD	Prevalence & risk factors of epilepsy in Egyptian school children	2004
93. Mamdouh Aly Abou Rayan Master	An epideminological study of psychiatric disorders in school children from age of 9-12 years in Alexandria	-
Ain Shams University		
94. Manal Othman El Sayed Master	Study the role of parental rearing in the development of conduct disorder in Egyptian children	2004
95. Eman Ibrahim Abou El Ela Master	Brain single photon emission tomography in attention deficit hyperactivity disorder	1998

Name	Title	Year
96. Dina Ibrahim Hassan Master	Sleep disturbance in children and adolescents with attention deficit hyperactivity disorder a polysomnographic study	2004
97. Salwa Sobhy Botros El Tawil Master	Sleep profile in children with pervasive developmental disorders	2004
98. Nermin Mahmoud Shaker Master	Psychiatric disorders in children & adolescents with type 1 diabetes militus	2003
99. Maha Mohamed Sayed Master	Prevalence of anxiety symptoms in childhood and the underlying psychiatric disorders	1994
100.Mona Ibrahim Awaad Master	Comparison of the mini international neuropsychiatric interview for children (MINI-KID) with the schedule for affective disorders and schizophrenia for school aged children – present and lifetime version (K-SADS-PL): in an Egyptian sample presenting with childhood disorders	2002
101.Soheir Mohamed Kadry	Distribution & determinants of epilepsy in peditrics neurology clinic	2001
102.Sahar Mohamed Ahmed Hassanein Master	Effect of eating attitudes and behavior on metabolic control in children and adolescents with insulin dependent diabetes mellitus	2002
103.Abedel Ghany Mohammed	Gamma amino-butric acid & dopamin levels in epileptic children in monufyia governorate	
104.Marwa Abdel Rahman El Moghazi Soltan MD	Prevalence of obsessive compulsive disorder among female secondary school students in Cairo	2002
105.Osama El Shabrawy	Cytogenetic effects of some antiepileptic drugs	1993
106.Lamia Gamal El Hamrawy	Conduct disorder clinical & psychometric study	1996
107.Afaf Zein	Neuropsychiatric complication of systemic childhood malignancies	2003
108.Mohamrd Okda	Assessment of immunoglobulin A in the sera and saliva of epileptic patients receiving phenytion therapy with &without gum hypertrophy	1983
109.Ahmad Al Shrief	A clinic epidemiological study of epilepsy among primary & preparatory school pupils in Al Menoufiya	1997
110.Abd el wahaab ali	Ma_ Blood lead level and some psychological parameters in physically abused children working in car repairing centers and petroleum stations	1995
111.Hanan Ahmed Fathy PhD	A study of some trace elements, risk factors and parents attitude in children suffering form refractory	2005
112.Magda Mahmoud Hamza PhD	Assessment of polyunsaturated fatty acids (PUFAs) in Autistic children	2005
113.Amira Nasr Master	Cognitive functions in children	2005
114.Khalid Hamed; PhD	التدخل المبكر للأطفال ذوي الإعاقة الذهنية بسبب وراثي	2005
115.Safenaz Salah ElDin,	Interferon gamma & interferon5 relationship to asthma	2004

Name	Title	Year
PhD	severity in atopic & nonatopic children	
Cairo University		
116.Mohammad Zakaria Alaswa PhD	Psychosocial characters of insulin dependent diabetic children and its relation to coping strategies of their primary caregivers	2005
117.Thanaa Mahmoud Rabah PhD	Some Aspects of health status in epileptic children & adolescent	2005
118.Nagah Abdel Aziz Hassan PhD	Risk factors for neurological congenital anomalies among children attending genetic unit	2005

السنة	موضوع البحث	الاسم
جامعة عين شمس		
2002	الحاجات النفسية لطفل ما قبل المدرسة (طفل كفيف – طفل عادي)	1001. وائل عبد الغفار السيد ماجستير
1995	استخدام بعض الاختبارات النفسية للمساعدة على تشخيص بعض حالات تلف المخ لدى الأطفال	1002. كريمة إمام عثمان ماجستير
2003	الضغوط النفسية والاجتماعية المدرسية	1003. أحمد نبيل محمود البحراري ماجستير
2002	مدى فاعلية برنامج إرشادي في تعديل بعض السلوكيات غير التوافقية لدى المتخلفات عقليا (فئة القابلات للتعلم)	1004. مريم عبده فرج ماجستير
1999	المشكلات السلوكية للطفل الأصم	1005. هالة عبد القادر عبد العظيم ماجستير
1999	دافعية الانجاز وعلاقتها ببعض أساليب المعاملة الوالدية لدى الأطفال بمنطقة عشوائية	1006. هدى أحمد محمد أحمد ماجستير
1994	إساءة معاملة الطفل وعلاقتها ببعض المشكلات النفسية	1007. السيد عبد العزيز رفاعي ماجستير
2003	مدى فاعلية برنامج إرشادي لدى طلاب المرحلة الثانوية من مدمني البانجو	1008. عواطف عبده عبده بيومي دكتوراه
1999	فعالية نموذج حل المشكلة في علاج مشكلتي التأخر الدراسي والتبول اللاإرادي	1009. وفاء حافظ عبد السلام دكتوراه
1998	مدى فاعلية برنامج لتعديل السلوك الاجتماعي للأطفال المتخلفين عقلياً المساء معاملتهم وعلاقته بالتوافق الاجتماعي لديهم	1010. سهى أحمد أمين نصر ماجستير
1996	الأمراض السيكوسوماتية – دراسة إكلينيكية تشخيصية	1011. جمال السيد تفاحة دكتوراه
2003	برنامج إرشادي لتنمية المهارات الاجتماعية وعلاقته بمستوى النمو اللغوي للأطفال ضعاف السمع	1012. أسامة أحمد محمد ماجستير
2003	القبول والرفض الوالدي كما يدركه ذوي الإعاقة السمعية وعلاقته	1013. محمد عبد العزيز محمد عبد الرحمن

السنة	موضوع البحث	الاسم
	بالمشكلات النفسية	
2003	معالجة الراديو والتليفزيون للمشكلات النفسية والاجتماعية للمراهقين في مصر	1014. محمد محمد عبده بكير دكتوراه
2002	فاعلية برنامج في الإرشاد العقلاني الانفعالي لتحسين مستوى الصحة النفسية لدى عينة من المراهقات	1015. نبيلة عبد الفتاح محمد ماجستير (24)
1992	بعض المتغيرات المرتبطة بالمظاهر والأعراض الوسواسية لدى الأطفال المترددين على العيادة النفسية	1016. مي يحيى الرخاوي ماجستير
1999	الاحتياجات النفسية والاجتماعية للأطفال المعاقين ذهنياً وعلاقتها بتنمية السلوك التوافقي من خلال بعض برامج التربية الخاصة	1017. خالد محمد أحمد مطحنة ماجستير
2002	مستوى القلق وعلاقته ببعض المتغيرات النفسية لدى الأطفال الصم وضعاف السمع	1018. فتحي أحمد الطاهر
2003	الضغوط النفسية لأولاد المعاقين بصرياً وعلاقتها بخصائص شخصيتهم	1019. جمال الدين عبد المنعم أحمد ماجستير
2002	العلاقة بين عمالة الأطفال وبعض المتغيرات النفسية والاجتماعية	1020. نجوى إمام عمار إبراهيم ماجستير
1998	دراسة لعدد من المتغيرات النفسية والبيئية المرتبطة بانخفاض مستوى التحصيل الدراسي لدى بعض الطلاب المتفوقين علمياً	1021. جمالات أحمد أحمد غنيم ماجستير
2000	تكيف الطفل المعاق ذهنياً - دراسة نفسية اجتماعية لبيئتين مختلفتين من خلال رسوم الأطفال	1022. ليلي فاروق رمضان ماجستير
2001	دراسة مقارنة للخصائص النفسية والصحية بين الأطفال العاملين بالورش الصناعية الصغيرة	1023. ناهد شوقي يعقوب ماجستير
1994	الخصائص البيئية والسمات النفسية والصحية للأطفال مدمني المواد الطيارة	1024. أحمد فتحي عبد الرازق
كلية التربية - علم النفس - جامعة أسيوط		
1998	المخاوف المرضية الناتجة عن التهديد اللفظي لدى أطفال الروضة	1025. رحاب محمود صديق
2002	صعوبات تعلم حل المشكلات لدى طلاب الصف الأول الثانوي	1026. بكر محمد سعيد
1997	بعض عوامل البيئة المدرسية المسهمة في التوافق النفسي لدى تلاميذ الصف السابع	1027. عزيزة عزت

السنة	موضوع البحث	الاسم
1999	مدى التباين بين الاتجاه نحو البيئة والسلوك البيئي وعلاقته ببعض المتغيرات النفسية	1028. نعيم ميشيل
1999	الحرمان من الوالدين وعلاقته بدافعية التواد لدى الأبناء المحرومين	1029. أحمد دسوقي
2003	نمو مفهومي الزمن والسببية لدى الأطفال المتأخرين عقلياً	1030. أمال الصايغ
1996	Ampirical & clinical study of some of the fears of mentally handicapped children in childhood	1031. Ashraf Aherit
2003	التذكر وعلاقته بالتعرف والفهم القرائي لدى التلاميذ العاديين وذوي صعوبات التعلم	1032. وسام عطيفي
1995	الأثر التربوي للمعلمين على الاكتئاب النفسي والانجاز الأكاديمي لدى أبناءهم	1033. أمل محمدين
1991	دراسة اتجاهات الآباء نحو أبناءهم المتخلفين عقلياً وعلاقته تلك الاتجاهات بسلوك أبناءهم	1034. أشرف صبره
1997	An empirical-clinical study on the adjustment of hearing impaired children	1035. Magda Bakhet
2000	The effectiveness of a training program of short-term memory for educable mentally retarded children	1036. Ahmed Hamdan
2001	مدى فعالية برنامج إرشادي لمواجهة مظاهر السلوك العدواني لدى الجانحين	1037. محمد عبد العزيز
1999	A study of children Phobias & their relation with socialization patterns & intelligence	1038. Somaya Mokhtar
2000	An analysis study for some personality traits & family factors among stutters children	1039. Manal Mostafa

**LIST OF THESES USED IN THE EPIC PROJECT PUT IN
ALPHABETICAL ACCORDING TO THE TITLES**

أسماء الرسائل المستخدمة في مشروع الإيبك مرتبة أجديا حسب
العنوان

Name	Title	Year	University
1. Ahmad Al Shrief	A clinic epidemiological study of epilepsy among primary & preparatory school pupils in Al Menoufiya	1997	Ain Shams
2. Ahmed Abd Elaziz Abd Rabo Master	A comparative study of anxiety disorders in the primary school children	1995	Cairo
3. Hanan Ahmed Fathy PhD	A study of some trace elements, risk factors and parents attitude in children suffering form refractory	2005	Ain Shams
4. Mamdouh Aly Abou Rayan Master	An epideminological study of psychiatric disorders in school children from age of 9-12 years in Alexandria	-	Al Azhar
5. Ola Mohy ElDin Abd El Samie El Sheikh PhD	An immunological and psychological comparative study between breast fed and artificial fed infants in their first year of life	2000	Ain Shams
6. Radwa Said Abdel Azim	Art therapies: Dance/movement therapy application in child & adolescent psychiatry	2005	Cairo
7. Maged Al Adrousy Ahmed Gomaa Master	Assessment of Attention & Hyperactivity symptoms in offsprings & parents with bipolar disorder	2004	Cairo
8. Mohamrd Okda	Assessment of immunoglobulin A in the sera and saliva of epileptic patients receiving phenytion therapy with &without gum hypertrophy	1983	Ain Shams
9. Magda Mahmoud Hamza PhD	Assessment of polyunsaturated fatty acids (PUFAs) in Autistic children	2005	Ain Shams
10.Hesham Ahmed Ebrahim Shalaby Ph. D	Assessment of thyroid and insulin hormones in the different behavioral disorders children	1990	Ain Shams
11.Saher A Gaber	Attention & iron Deficiency in Egyptian school children	1990	Ain Shams
12.Mohamed Khaled Mohamed El-Menabawi Ph. D	Behavioral & Emotional changes among subnormal children	1990	Ain Shams
13.Ahmed Hamdy Abo El Yamin Ph D	Behavioral disorders in common auto immune diseases among Egyptian infants and children	1996	Ain Shams
14.Waffa Moustafa El- Genaidy Master	Behavioral disorders in Deaf Children	1993	Ain Shams
15.Maher Abd Elatife Rashed Master	Behavioral effect of mother's separation from her premature baby	1992	Ain Shams

Name	Title	Year	University
16.Khaled Hussien Taman	Behaviour changes in epileptic children	1993	Ain Shams
17.Afaf Mamdouh Salem Master	Behaviour disorders in primary school children comparative study between boys and girls	1992	Ain Shams
18.Youssif Wahba Gad Master	Behavioural and cognitive characteristics in hyperkinetic children	1990	Ain Shams
19.Khaled Mohammed Sabry El Attar Master	Benign focal epilepsies of childhood: an electro-clinical & radiological study	1994	Cairo
20.Abd el wahaab ali	Blood lead level and some psychological parameters in physically abused children working in car repairing centers and petroleum stations	1995	Ain Shams
21.Mohammed Ibrahim Elkaliby Master	Blood phenylalanine level in mentally retarded microcephalic	1980	Suez Canal
22.Eman Ibrahim Abou El Ela Master	Brain single photon emission tomography in attention deficit hyperactivity disorder	1998	Ain Shams
23.Ahmed Adb El-Tawab Ibrahim Master	Childhood abnormal involuntary movements clinical & laboratory studies	2002	Zagazig
24.Kamal Mohamed Mohamed Amer PhD	Childhood hearing disorders Clinical evaluation and habilitation	1997	Ain Shams
25.Karam Silem Amin Master	Chronic headache among school children in Sharkia governorate	2001	Zagazig
26.Hala El-Tabie El-Bassyouni Ph D.	Clinical and ultra structural studies in mental retardation of unknown etiology	1994	Ain Shams
27.Moustafa Abd El Monhem Amer Master	Clinical Psychometric & Magnetic Resonance Imaging studies of some attention deficit & Disruptive behavior disorders in Egyptian children	2000	Mansoura
28.Alia Mahmoud Fikry Master	Clinical study of Myoclonic epilepsy in infancy & childhood	2000	Cairo
29.Alaa Hamed Abou El-Soud Master	Cognitive & behavioral sequelae of closed head injury in a sample of Egyptian children	1994	Ain Shams
30. Amira Nasr, Master	Cognitive functions in children	2005	Ain Shams
31.Mona Ibrahim Awaad Master	Comparison of the mini international neuropsychiatric interview for children (MINI-KID) with the schedule for affective disorders and schizophrenia for school aged children – present and lifetime version (K-SADS-PL): in an Egyptian sample presenting with childhood disorders	2002	Ain Shams
32.Lamia Gamal El Hamrawy	Conduct disorder clinical & psychometric study	1996	Ain Shams

Name	Title	Year	University
33.Esmal Aziz Baskharone Master	Conduct disorder in deaf children	1997	Ain Shams
34.Osama El Shabrawy	Cytogenetic effects of some antiepileptic drugs	1993	Ain Shams
35.Elham Said Mahmoud Afify Master	Depression: Depressive symptoms in preschool children	1992	Ain Shams
36.Ahmed Usama Tawfik Kaddah Master	Disorders of Amino acid metabolism in mental retardation	1994	Cairo
37.Soheir Mohamed Kadry	Distribution & determinants of epilepsy in pediatrics neurology clinic	2001	Ain Shams
38.Mona Mohamed Abd El-Salaam Master	Educational Achievement of school children suffering from epilepsy	1992	Ain Shams
39.Sahar Mohamed Ahmed Hassanein Master	Effect of eating attitudes and behavior on metabolic control in children and adolescents with insulin dependent diabetes mellitus	2002	Ain Shams
40.Hossam El Din Hussein Ph. D.	Effect of psychotherapy on diabetic children and their parents	1995	Ain Shams
41.Mona Halmy Sanad Ph. D.	Effect of Stimulation program on motor & Social Development of Down Syndrome infants	1993	Ain Shams
42.Mohsen Mady El Sawy Master	Epideminological study of acute poliomyelitis in Sharkia governorate	1995	Zagazig
43.Omnia Hussein Awad Heiba PhD	Epidemiological study on benign forms of epilepsy in school children	1997	Ain Shams
44.Nancy Ibraim Abu El Maaty Master	Epidemiology of Attention Deficit Hyperactive Disorder (ADHD)	1996	Ain Shams
45.Sameh Helmy Ibrahim Ph. D.	Epidemiology of behaviour disorders in primary school children (6-11 years) in urban and rural area in Egypt	1994	Ain Shams
46.Ahmed Farrg Mostafa Master	Evaluation of partial Epilepsy in Pediatric Patients	2001	Cairo
47.Siham Abdo Abdel Rahman Gobara; PhD	Factors associated with referral in children with psychiatric disorder	2001	Ain Shams
48.Amany Ahmed Abdon Master	Family reactions & interactions towards mentally retarded children	1994	Cairo
49.Marian Yousry Fahmy Master	Functional neuroimaging (spect) in intractable epilepsy	2003	Cairo
50.Abedel Ghany Mohammed	Gamma amino-butric acid & dopamin levels in epileptic children in monufyia governorate		Ain Shams
51.Saffa Ismail Sedky Master	Genetic studies in muscle dystrophy	1994	Cairo

Name	Title	Year	University
52.Fardous Saleman Hamed Ph. D.	Growth and mental functions in children with cardiac diseases	1993-1994	Ain Shams
53.Amany Abdel Salam Mohamed PhD	Intellectual development in children with congenital hypothyroidism In relation to thyroxin treatment	1998	Ain Shams
54. Safenaz Salah EIDin PhD	Interferon gamma & interferon5 relationship to asthma severity in atopic & nonatopic children	2005	Ain Shams
55.Ghada Wahby Mohammed Master	Lead & zinc levels in mentally retarded children	2003	Cairo
56.Ebtissm Mohamed Salah El Dean Mahmoud PhD	Long term lead exposure effect on IQ of preschool children	2000	Ain Shams
57.Nevien Halme Ahmed Ph. D. Degree	Measurements of head, Anther optometric and IQ for Egyptian children (6-12 years)	1992	Ain Shams
58.Hani Hamed Desoki Master	Mental retardation as a problem in Beni Suef Governate	2003	Cairo
59.yasser El Saiad Abd El Manam Ph D	Neurological and psychological disorders in meningitic children	1993	Ain Shams
60.Ahmed Fawzy El Samih Khater Master	Neurological manifestations in protein calorie malnutrition in children in Sharkia	1987	Zagazig
61.Afaf Zein	Neuropsychiatric complication of systemic childhood malignancies	2003	Ain Shams
62.Faiza Fawzy Abdul Mageed PhD	Organic psychosocial factors in children suffering from recurrent abdominal pain	1999	Ain Shams
63.Mohamed Gamal Abd El- Ghani; Master	Parental reaction to having a child with Down's syndrome	1990	Ain Shams
64.Mohamed Abdel Elhadidy	Preliminary study on the inhalants abuse among school children in Mansoura City	2001	Mansoura
65.Mohammad Ahmad Mohammad Yousof, PhD	Prevalence & risk factors of epilepsy in Egyptian school children	2004	Al Azhar
66.Maha Mohamed Sayed Master	Prevalence of anxiety symptoms in childhood and the underlying psychiatric disorders	1994	Ain Shams
67.Maha Abdel Ghany Sayed Ahmed; Master	Prevalence of depression symptoms and disorders in preparatory school children	1997	Ain Shams
68.Mona Abdel Fattah El-Shamy Master	Prevalence of Enuresis among primary school children in Banha	1992	Ain Shams

Name	Title	Year	University
69.Khaled Mohamed Salama M. Sc	Prevalence of enuresis in primary school children in east region of Cairo	1992	Ain Shams
70.Marwa Abdel Rahman El Moghazi Soltan MD	Prevalence of obsessive compulsive disorder among female secondary school students in Cairo	2002	Ain Shams
71.Magda Mohamed Hamed Master	Prevalence of the attention deficit hyperactivity disorder in the primary school children with the family function in Abou Khalifa village	2001	Suez Canal
72.Amany Ahmed Abdou Mahmoud Master	Psychiatric aspects of children with specific learning disabilities in Egypt	2000	Cairo
73.Ehsan Mahmoud Fahmy Master	Psychiatric assessment in primary school children in Sharkia Governorate	1981	Zagazig
74.Maha Fouad Abdel Latif Abou Hatab Ph.D	Psychiatric assessment of children of parents with obsessive compulsion disorder	2000	Ain Shams
75.Nermin Mahmoud Shaker Master	Psychiatric disorders in children & adolescents with type 1 diabetes militus	2003	Ain Shams
76.Amal Zakaria Ahmed Master	Psychiatric morbidity among children 6-12years attending peditric outpatient clinic in Suez Canal University hospital	2000	Suez Canal
77.Maha Wael Shaheen Ph. D	Psychiatric Morbidity in Preparatory School girls	1995	Ain Shams
78.Sahar Aly Abdel Khalik Master	Psychiatric problems and academic achievement in primary school children in Ismailia	1995	Suez Canal
79.Mona Hamed Hassab Allah	Psychiatric problems in orphanage children	2002	Cairo
80.Mohamed Abdel Gawad Ghait Master	Psychological & Electronecephalographic study in school children with iron deficiency anemia	2002	Cairo
81.Heba Allah Hesin Allah Habib Master	Psychological & psychiatric impact of cancer diagnosis & management of children	2000	Cairo
82.Samia Hasan Sobhi Ph D.	Psychological Aspects in Egyptian children with Endocinal Disorder	1995	Ain Shams
83.Nashwa Nasr El Said Soliman PhD	Psychological aspects of chronic adenotonsillitis in late childhood	2001	Ain Shams
84.Noha Ahmed Mohsen PhD	Psychological aspects of obesity in school girls in different socio-economic levels	1995	Ain Shams
85.Mohamed Gamal Ali NegmPhD	Psychological effects of lymphoblastic leukemia therapy in childhood	2002	Zagazig

Name	Title	Year	University
86. Mohamed Mosoud Higazy Master	Psychological profile of 4 th & 5 th grades repeaters – Common rural community in Menofia	2001	Cairo
87. Ihab Amin Khalifah Master	Psychosocial & Psychiatric comparison between high & low achievers in primary school children	2001	Cairo
88. Mohammad Zakaria Alaswa Master	Psychosocial characters of insulin dependent diabetic children and its relation to coping strategies of their primary caregivers	2005	Cairo
89. Gamal Samy Aaly Ph. D	Psychosocial sequelae of Juvenile rheumatoid arthritis	1990	Ain Shams
90. Azza Ramadan El Sayed Bunna Master	Psychosocial study of children with poliomyelitis	1990	Ain Shams
91. Amany Mohamed Ezz Ph. D.	Radioimmuno assay of hormonal changes in Joun Adolescents with different emotional disposition	1992	Ain Shams
92. Amira Abdel Aziz Zaki Hanna PhD	Recent trends in diagnosis & treatment of types of mental retardation	1997	Ain Shams
93. Mohamed Hussein Aly Master	Relationship between recent undest rable life events and onset of some psychiatric disorders of childhood	1990	Ain Shams
94. Nagah Abdel Aziz Hassan MD	Risk factors for neurological congenital anomalies among children attending genetic unit	2005	Cairo
95. Nevin Fayez wanis Zaki Master	Screening of psychiatric disorders among inhabitants of orphan homes & school children	1994	Mansoura
96. Dina Ibrahim Hassan Master	Sleep disturbance in children and adolescents with attention deficit hyperactivity disorder a polysomnographic study	2004	Ain Shams
97. Marlene abdel Malak Mesak Bastawors	Sleep habits & problems among children suffering from psychiatric disorders	2003	Cairo
98. Salwa Sobhy Botros El Tawil Master	Sleep profile in children with pervasive developmental disorders	2004	Ain Shams
99. Thanaa Mahmoud Rabah MD	Some Aspects of health status in epileptic children & adolescent	2004	Cairo
100. Ahmed Hassan Khalil Hassan PhD	Some behavioral disorders of mild mentally disabled children in a boarding Egyptian center	2004	Ain Shams
101. Maher Kikhail Marcos Ph. D	Some trace elements and biochemical studies in hyperactive children	1993	Ain Shams
102. Maha Mohammed Loutfy Moharram; Master	Study about family perspective of causes & effects of child labor on children's physical development & psychological functioning in Port Said	1999	Suez Canal
103. Mohamed Mahmoud	Study of some psychosocial aspects of Juvenile	1996	Mansoura

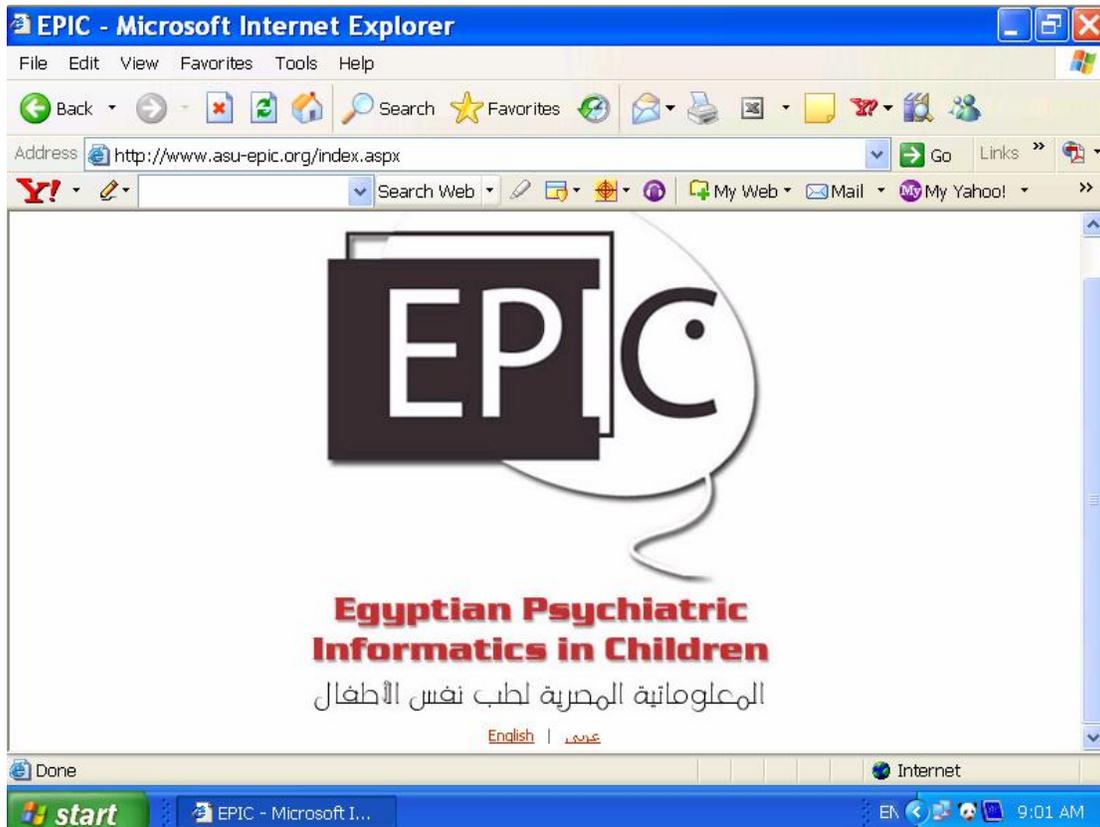
Name	Title	Year	University
Shahada Master	delinquency in Dakahlia Governorate		
104. Emil Aiad Abdo Master	Study of some risk factors in family of enuretic children in primary schools children at 24 October area in Suez	2001	Suez Canal
105. Manal Othman El Sayed Master	Study the role of parental rearing in the development of conduct disorder in Egyptian children	2004	Ain Shams
106. Hanan Abd Allah Yehia Al Gamal; Ph D.	Temporal lobe Epilepsy: psychiatric aspects & cognitive function	1996	Ain Shams
107. Alia Mahmoud Gaber Master	The relationship between passive smoking & Neuro psychiatric disorders among children	1990	Ain Shams
108. Laila Selim	The social, psychological and medical aspects of female circumcision	1995	Ain Shams
109. Randa Ibrahim Nassif El Dessouky Taha; Master	Three years retrospective Survey study of convulsions in NICU Kasr El Aini	1994	Cairo
110. Heba Shaker El Salamony Master	Value and significance of serum copper estimation in epileptic patients before treatment	2003	Cairo
111. Dlaia Mohamed Labib Abdel Azim	Video EEG monitoring for the diagnosis of epileptic & nonepileptic paroxysmal seizures in children	2004	Cairo
112. Gilan Gad El- Kaream Abd El Neam Master	Viral infections (Cytomegalovirus –Parvovirus B-19) among infants & children with febrile seizures	2001	Cairo
113. Khalid Hamed PhD	التدخل المبكر للأطفال ذوي الإعاقة الذهنية بسبب وراثي	2005	Ain Shams
114. عادل سعيد عبد الغفار Ph D	التغيرات العضلية في شلل الأطفال المزمن	1994	Zagazig
Naglaa Nabeel AbdEl Hameed Sleem; Master	دراسة الصرع في الأطفال – دراسة علمية وفسولوجية	2000	Cairo
115. عبد الحكيم محمد شوقي عبد الحكيم Master	دراسة مقارنة بين الظواهر الاكلينيكية العصبية ورسم المخ وجهاز الفحص المركزي المحوري بالكمبيوتر للأطفال المصابين بالصرع	1987	Zagazig
116. آمال صلاح الدين محمد المتيتم Master	دراسة ميدانية للأمراض العصبية في صغار السن	1992	Zagazig
117. عادل سعيد عبد الغفار ماجستير	معدل انتشار مرض شلل الأطفال في محافظة الشرقية في العمار التي تتراوح بين 6- -15 عام	1987	zagazig

الاسم	موضوع البحث	السنة	الجامعة
.1040 Somaya Mokhtar	A study of children Phobias & their relation with socialization patterns & intelligence	1999	كلية التربية – علم النفس – جامعة أسيوط
.1041 Ashraf Aherit	Ampirical & clinical study of some of the fears of mentally handicapped children in childhood	1996	كلية التربية – علم النفس – جامعة أسيوط
.1042 Manal Mostafa	An analysis study for some personality traits & family factors among stutterers children	2000	كلية التربية – علم النفس – جامعة أسيوط
.1043 Magda Bakhet	An empirical-clinical study on the adjustment of hearing impaired children	1997	كلية التربية – علم النفس – جامعة أسيوط
.1044 Ahmed Hamdan	The effectiveness of a training program of short-term memory for educable mentally retarded children	2000	كلية التربية – علم النفس – جامعة أسيوط
.1045 السيد عبد العزيز رفاعي ماجستير	إساءة معاملة الطفل وعلاقتها ببعض المشكلات النفسية	1994	عين شمس
.1046 كريمة إمام عثمان ماجستير	استخدام بعض الاختبارات النفسية للمساعدة على تشخيص بعض حالات تلف المخ لدى الأطفال	1995	عين شمس
.1047 أمل محمدين	الأثر التربوي للمعلمين على الاكتئاب النفسي والانجاز الأكاديمي لدى أبناءهم	1995	كلية التربية – علم النفس – جامعة أسيوط
.1048 خالد محمد أحمد مطحنة ماجستير	الاحتياجات النفسية والاجتماعية للأطفال المعاقين ذهنياً وعلاقتها بتنمية السلوك التوافقي من خلال بعض برامج التربية الخاصة	1999	عين شمس
.1049 جمال السيد تفاحة دكتوراه	الأمراض السيكوسوماتية – دراسة إكلينيكية تشخيصية	1996	عين شمس
.1050 وسام عطيفي	التذكر وعلاقته بالتعرف والفهم القراني لدى التلاميذ العاديين وذوي صعوبات التعلم	2003	كلية التربية – علم النفس – جامعة أسيوط
.1051 وائل عبد الغفار السيد ماجستير	الحاجات النفسية لطفل ما قبل المدرسة (طفل كفيف – طفل عادي)	2002	عين شمس
.1052 أحمد دسوقي	الحرمان من الوالدين وعلاقته بدافعية التواد لدى الأبناء المحرومين	1999	كلية التربية – علم النفس – جامعة أسيوط

الاسم	موضوع البحث	السنة	الجامعة
1053. أحمد فتحي عبد الرازق	الخصائص البيئية والسمات النفسية والصحية للأطفال مدمني المواد الطيارة	1994	عين شمس
1054. جمال الدين عبد المنعم أحمد ماجستير	الضغوط النفسية لأولاد المعاقين بصرياً وعلاقتها بخصائص شخصيتهم	2003	عين شمس
1055. أحمد نبيل محمود البحر واري ماجستير	الضغوط النفسية والاجتماعية المدرسية	2003	عين شمس
1056. نجوى إمام عمار إبراهيم ماجستير	العلاقة بين عمالة الأطفال وبعض المتغيرات النفسية والاجتماعية	2002	عين شمس
1057. محمد عبد العزيز محمد عبد الرحمن	القبول والرفض الوالدي كما يدركه ذوي الإعاقة السمعية وعلاقته بالمشكلات النفسية	2003	عين شمس
1058. رحاب محمود صديق	المخاوف المرضية الناتجة عن التهديد اللفظي لدى أطفال الروضة	1998	كلية التربية – علم النفس – جامعة أسيوط
1059. هالة عبد القادر عبد العظيم ماجستير	المشكلات السلوكية للطفل الأصم	1999	عين شمس
1060. أسامة أحمد محمد ماجستير	برنامج إرشادي لتنمية المهارات الاجتماعية وعلاقته بمستوى النمو اللغوي للأطفال ضعاف السمع	2003	عين شمس
1061. مي يحيى الرخاوي ماجستير	بعض المتغيرات المرتبطة بالمظاهر والأعراض الوسواسية لدى الأطفال المترددين على العيادة النفسية	1992	عين شمس
1062. عزيزة عزت	بعض عوامل البيئة المدرسية المسهمة في التوافق النفسي لدى تلاميذ الصف السابع	1997	كلية التربية – علم النفس – جامعة أسيوط
1063. ليلي فاروق رمضان ماجستير	تكيف الطفل المعاق ذهنياً – دراسة نفسية اجتماعية لبيئتين مختلفتين من خلال رسوم الأطفال	2000	عين شمس
1064. هدى أحمد محمد أحمد ماجستير	دافعية الانجاز وعلاقتها ببعض أساليب المعاملة الوالدية لدى الأطفال بمنطقة عشوائية	1999	عين شمس
1065. أشرف صبره	دراسة اتجاهات الآباء نحو أبناءهم المتخلفين عقلياً وعلاقته تلك الاتجاهات بسلوك أبناءهم	1991	كلية التربية – علم النفس – جامعة أسيوط
1066. جمالات أحمد أحمد غنيم ماجستير	دراسة لعدد من المتغيرات النفسية والبيئية المرتبطة بانخفاض مستوى التحصيل الدراسي لدى بعض الطلاب	1998	عين شمس

الاسم	موضوع البحث	السنة	الجامعة
	المتفوقين علمياً		
1067. ناهد شوقي يعقوب ماجستير	دراسة مقارنة للخصائص النفسية والصحية بين الأطفال العاملين بالورش الصناعية الصغيرة	2001	عين شمس
1068. بكر محمد سعيد	صعوبات تعلم حل المشكلات لدى طلاب الصف الأول الثانوي	2002	كلية التربية – علم النفس – جامعة أسيوط
1069. نبيلة عبد الفتاح محمد ماجستير	فاعلية برنامج في الإرشاد العقلاني الانفعالي لتحسين مستوى الصحة النفسية لدى عينة من المراهقات	2002	عين شمس
1070. وفاء حافظ عبد السلام دكتوراه	فعالية نموذج حل المشكلة في علاج مشكلتي التأخر الدراسي والتبول اللاإرادي	1999	عين شمس
1071. نعيم ميشيل	مدى التباين بين الاتجاه نحو البيئة والسلوك البيئي وعلاقته ببعض المتغيرات النفسية	1999	كلية التربية – علم النفس – جامعة أسيوط
1072. مريم عبده فرج ماجستير	مدى فاعلية برنامج إرشادي في تعديل بعض السلوكيات غير التوافقية لدى المتخلفات عقليا (فئة القابلات للتعلم)	2002	عين شمس
1073. عواطف عبده عبده بيومي دكتوراه	مدى فاعلية برنامج إرشادي لدى طلاب المرحلة الثانوية من مدمني البانجو	2003	عين شمس
1074. سهى أحمد أمين نصر ماجستير	مدى فاعلية برنامج لتعديل السلوك الاجتماعي للأطفال المتخلفين عقلياً المساء معاملتهم وعلاقته بالتوافق الاجتماعي لديهم	1998	عين شمس
1075. محمد عبد العزيز	مدى فعالية برنامج إرشادي لمواجهة مظاهر السلوك العدوانى لدى الجانحين	2001	كلية التربية – علم النفس – جامعة أسيوط
1076. فتحي أحمد الطاهر	مستوى القلق وعلاقته ببعض المتغيرات النفسية لدى الأطفال الصم وضعاف السمع	2002	عين شمس
1077. محمد محمد عبده بكير دكتوراه	معالجة الراديو والتليفزيون للمشكلات النفسية والاجتماعية للمراهقين في مصر	2003	عين شمس
1078. آمال الصايغ	نمو مفهومي الزمن والسببية لدى الأطفال المتأخرين عقلياً	2003	كلية التربية – علم النفس – جامعة أسيوط

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المناسبات القادمة

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الاجتماع النهائي لمشروع EPIC
26 ابريل 2006
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تعد العوامل المتعلقة بالطب النفسي والصحة بين المجموعة العمرية في مرحلة الطفولة منذ الميلاد وحتى سن 18 سنة، عوامل في غاية الأهمية بالنسبة لصحتهم، ونموهم، وتعليمهم، وتدريبهم، ودعم اتخاذ القرار. فهناك حاجة ماسة إلى تطوير قاعدة المعلومات الطبية الإلكترونية المصرية الخاصة بالأطفال المصريين والتي تتعلق بمجالات الطب النفسي ومخاطر الصحة.

أهداف المشروع:

زيادة الكفاءة والأداء لدى الباحثين الشباب وأطباء الصحة العامة، وطب الأطفال والطب النفسي، وذلك من خلال استخدامهم لنظام قاعدة البيانات المعلوماتية الإلكترونية المصرية EPIC القومية، وأيضاً من خلال تصميم موقع على شبكة الإنترنت. قاعدة البيانات هذه يمكن استخدامها لوضع استراتيجيات لخدمات الصحة والعلاج النفسي، كما يمكن استخدامها في التعليم الطبي، والتدريب ودعم اتخاذ القرار الطبي.

المنهج:

هناك أربعة مراحل بنيت على أساسها قاعدة بيانات مشروع الإيبك:

1. المرحلة الأولى: وتختص بجمع جميع المعلومات المتاحة في مصر، البيانات الأصلية وليس الملخص فقط، والتي تتعلق بالعلاج النفسي والأحوال الصحية في مرحلة الطفولة وذلك من كل المصادر المتاحة منذ عام 1980 وحتى عام 2005، وتشمل 157 دراسة.
2. المرحلة الثانية: وهي إدخال هذه البيانات إلى الحاسب الآلي بعد الإعداد الجيد لها لتكون قيد الاستخدام للمعالجة من خلال تقنيات التحليل المتعدد Meta Analysis (نموذج 3).
3. المرحلة الثالثة: وهي عمل التحليل المتعدد (النموذج 3) لإعادة بناء هذه البيانات داخل قاعدة بيانات الكترونية قومية واحدة للعلاج النفسي وذلك حتى تكون متاحة عبر موقع شبكة الإنترنت وعنوانه: www.asu-epic.org ويحتوى الموقع على تقارير، ندوات وأبحاث علمية.

النتائج الرئيسية:

تشمل الدراسة 57802 فرداً أغلبهم من الجامعات المصرية في الفترة من 1980 وحتى 2005. تم جمع أكبر عدد 27469 (47.5%) من أفراد العينة في الفترة من 1991-1995، أما المجموعة الثانية فكانت 20330 (35.2%) تم جمعها في الفترة من 1996-2000، وجاءت المجموعة الثالثة أقل عدداً حيث مثلت 2694 (4.7%) جمعت في الفترة

من 1980-1990، أغلب أفراد العينة في هذا المشروع (67%) ليسوا من المعالجين النفسيين وليسوا من مرضى الجهاز العصبي المركزي، وأيضاً غير مصابين بأي أمراض طب الأطفال. هناك خمس شروط إكلينيكية رئيسية لأمراض الأطفال هي: الضغوط العصبية وإضطرابات شكل الجسم وتمثل 4359 (7.5%) يتبعها أمراض الجهاز العصبي المركزي وتمثل 3788 (6.6%) يتبعها النوبات المرضية العارضة المسببة للإكتئاب (اضطراب مؤثر)، يتبعها إضطرابات سلوكية وإنفعالي أخرى في مرحلة الطفولة وتمثل 1794 (3.1%) وإضطرابات تتعلق بزيادة الحركة وتمثل 1159 (2.0%).

أهم وأكثر الاضطرابات النفسية شيوعاً بين أفراد العينة الذين تم إجراء البحث عليهم هي: الحالة المزاجية (اضطراب مؤثر)، النوبات المرضية العارضة في الإحباط بين الإناث وتمثل 2063 (7.8%) في مقابل 1499 (4.8%) بين الذكور، تبعها اضطراب عصبي متعلق بالاضغوط واضطراب في شكل الجسم بين الإناث حيث يمثل 2027 (7.7%) في مقابل 2332 (7.4%) بين الذكور.

التقرير النهائي

نظام معلوماتي لقاعدة بيانات الطب النفسي للأطفال في مصر (إيبك) ودوره في التعليم الطبي والتدريب ودعم إتخاذ القرار

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إبريل 2006

تحت رعاية

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