Figure 4.1.4. (a) Subjects
Areas of concern of leading people in international organizations, by subjects: 1999

This table is reprinted from *Who's Who in International Organizations*, 3rd edition, published in 2000. Most of the data reflected in this table was collected in 1999; in some cases the data reflects that collected for earlier editions of *Who's Who*.

This table lists detailed subject categories derived from the index by area of concern as printed in *Who's Who in International Organizations*, 3rd edition. The subject categories are listed here by general subject category; in the index they are listed alphabetically. For each category the total is given of the number of biographees whose involvement in international organizations indicates a concern with that field. All 14,233 biographees listed in the 3rd edition are included in this table.

The classification system used here is the same as that used for Volume 3 of this Yearbook, and given in this volume in Figure 4.1.1. Note that the subject headings used here date from the 1999 edition and do not include changes made subsequently. A detailed discussion of this classification system can be found in the appendix "Functional Classification".

SUBJECT	PEOPLE
COSMOSPHERE / GEOSPHERE	
Fundamental Sciences	
Form	19
Mathematics	57
Statistics	41
Physics	46
Mechanics	51
Analytics	62
Electromagnetism	10
Radiation	43
Light	36
Atomic Physics	51
Heat	37
Gaseous State	41
Sound	23
Liquid State	44
Electrophysics	8
Chemistry	57
Chemicals	53
Non-Metallic Chemical Elements	19
Metallic Elements and Alloys	76
Inorganic Chemical Compounds	27
Organic Chemical Compounds	46
Solid State	11
Material	92
Crystallography	9
Total	**959**
Astronomy	53
Geodesy	7
Total	**60**
Earth	49
Meteorology	57
Climatology	38
Arid Zones	31
Tropical Zones	58
Arctic Zones	24
Total	**151**
Oceanography	52
Seas	76
Marine	69
Total	**197**
Hydrology	40
Water	123
Rivers and Lakes	22
Total	**185**
Geophysics	50
Geology	74
Seismology	29
Mountains	20
Soil	37
Islands	17
Land and Coastal Forms	72
Total	**249**

SUBJECT	PEOPLE
Resources	202
Minerals	55
Petroleum	53
Precious Stones	11
Coal	9
Energy	183
Total	**513**
Total Cosmosphere/Geosphere	**2470**
BIOSPHERE	
Life	93
Death	13
Total	**106**
Biosciences	5
Biology	167
Growth	50
Genetics	49
Evolution and Species	20
Morphology	10
Cytology	49
Microbiology	16
Bacteriology	26
Parasitology	10
Biochemistry	39
Biochemicals	6
Proteins	15
Biophysics	24
Biotechnology	27
Paleontology	15
Total	**528**
Botany	63
Plants	87
Thallophyta, Bryophyta, Pteridophyta	16
Cereals	39
Plants Yielding Fruits	18
Vegetables	28
Plants Yielding Flowers	9
Plants Yielding Stimulants	27
Plants Yielding Oil-Related Products	17
Plants Yielding Sugar, Starch	8
Plants Yielding Fibres	10
Trees	16
Total	**338**
Zoology	8
Animals	94
Total	**102**
Invertebrates	5
Protozoa, Parazoa, Coelenterata	1
Molluscs	9
Helminthes, Annelida	6
Crustacea	2
Arachnida, Myriapoda	1
Insects	18
Locusts	6
Total	**48**

SUBJECT	PEOPLE
Amphibia	4
Fish	32
Reptiles	8
Total	**44**
Birds, Mammals	
Vertebrates: Warm-blooded	2
Birds	32
Poultry	9
Mammals	14
Rodents, Rabbits	3
Marsupials	1
Whales, Dolphins	10
Cattle, Ungulates	26
Horses	10
Carnivores	24
Primates	8
Total	**139**
Mankind	30
Anthropology	29
Human	394
Total	**453**
Medicine	366
Anatomy	31
Physiology	133
Pathology	294
Diagnosis	87
Circulatory System	18
Cardiology	33
Blood Vessels	38
Blood	35
Respiratory System	10
Ear	13
Nose	13
Lungs, Throat	31
Digestive System	5
Teeth, Mouth	88
Intestinal Tract	33
Liver, Pancreas	12
Diabetes	17
Glandular System	24
Urogenital System	32
Sexually Transmitted Diseases	33
Reproductive System	86
Malformations	7
Gerontology	13
Locomotive, Integumentary System	54
Skeletal System	50
Muscular System	13
Skin	42
Nervous System	104
Eyesight	71
Hearing, Speech	26
Specific Diseases	26
Cancer	70
Leprosy	14
Total	**1922**
Geography	30
Ecology	187

SUBJECT	PEOPLE
Nature	69
Use	61
Wild	45
Total	**392**
Total Biosphere	**4072**
SOCIAL ACTION (STRUCTURE)	
Action	114
Application	81
Total	**195**
Society	50
Social	331
Countries	4
Peoples	44
People	82
Women	417
Men	21
Infants	248
Adolescents	40
Youth	259
Adults	30
Elderly	55
Individuals	32
Family	122
Marriage	14
Maternity, Paternity	52
Homosexual Relationships	10
Sex-Related Questions	70
Segregation	1
Racial, Ethnic Groups	65
Minority, Indigenous Groups	66
Semitism	17
Class, Caste, Elites	12
Migrants	68
Exiles	16
Refugees	56
Foreigners	6
Foreign	25
Overseas	40
Communities	70
Local	73
Parish	3
Disadvantaged	348
Total	**2747**
Social Activity	
Human Resources	52
Employment	180
Work	93
Occupation	30
Employment Conditions	41
Participation	35
Income	17
Unemployment	17
Employees	23
Workers	198
Operators	10
Personnel	22
Staff	49
Practitioners	21
Executives, Supervisors	57
Intellectual Work	39
Professions	640
Self Employed	31
Employers	25
Organization	30
Nongovernmental	111
Agency	51
Networks	505
Voluntary	83
Welfare	186
Friendship	125
Friendship Groups	36
Fellowship	55
Alliance	73
Debate	65

SUBJECT	PEOPLE
Services	256
Total	**3156**
Information	
Bibliography	26
Documentation	125
Information	269
Data, Codes	66
Publications	14
Books	34
Periodicals	13
Reference	50
Archives	47
Libraries	83
Librarians	21
Collections	16
Expertise	95
Advisory	3
Interpretation, Translation	22
Secretariat Services	8
Total	**892**
Amenities	
Living Conditions	77
Rural	117
Urban	87
Towns	79
Slums, Encampments	48
Villages	9
Neighbourhoods	9
Housing, Tenants	93
Households	53
Homes	10
Parks	13
Buildings	20
Restaurants	16
Catering	23
Cleaning	12
Hairstylists	4
Attendants, Servants	6
Equipment	55
Instruments	18
Maintenance	15
Consumption	67
Food	157
Undernourishment	29
Food Security	9
Clothing	15
Footwear	7
Total	**1048**
Transportation	42
Communications	169
Vehicles	22
Drivers	20
Pilots	10
Traffic	36
Pedestrians	2
Roads	55
Motor Vehicles	54
Cycling	13
Railways	35
Vessels	27
Shipping	28
Shipowning	11
Seamen	13
Maritime	44
Waterways	11
Ports: Sea, Air	30
Underwater	9
Aerospace, Space	39
Satellites	18
Aviation	101
Pipelines	3
Packaging	32
Containers	4
Handling	40
Forwarders, Distributors	28
Storage	10
Tourism	101

SUBJECT	PEOPLE
Travel	61
Travellers	30
Hotel	33
Post	32
Telecommunications	76
Telegraphs	3
Telephone, Telex, Telefax	23
Radio	79
Television	79
Distribution	18
Total	**1441**
Communication	216
Communicators	3
Exchanges	87
Exhibitions	21
Influencing	7
Advertising	20
Promotion	87
Media	114
Documentary	6
Press	59
News	22
Newspapers, Newsreels	16
Broadcasting	43
Journalism	61
Editing	16
Printing	31
Publishing	57
Unpublished	3
Audio, Visual	92
Photography	17
Cinema	32
Film	48
Public Opinion	16
Censorship	2
Total	**1076**
Commerce	
Finance	213
Banking	105
Funds	97
Investment	131
Savings	13
Currency	40
Money	27
Credit	73
Accounting	55
Assessment	22
Insurance	76
Assurance, Reinsurance	14
Customs	21
Taxation	28
Commerce	131
Commercial Exchange	12
Chambers	28
Trade	266
Market	158
Merchants, Sales	46
Import, Export	39
Purchasing, Supplying	66
Agencies, Dealers	46
Business Enterprises	376
Multinationals	6
Merchandise	39
Property	57
Land Ownership	2
Conditions of Trade	27
Total	**2214**
Industry	618
Mining	27
Manufacture	148
Production	125
Manufacturing Processes	68
Industrial Plant	4
Products	59
Commodities	13
Trades and Crafts	42
Service Sector	2

SUBJECT	PEOPLE
Foodstuffs	10
Baked Foodstuffs	7
Beverages	50
Condiments, Preserves	19
Cereal Products	14
Fruit Products	2
Tobacco	16
Textiles, Cordage	75
Rubber	22
Timber	36
Paper	25
Wood Products	20
Invertebrate Products	9
Fish Products	7
Animal Products	4
Dairy Products	6
Slaughterhouse Products	7
Leather, Hides, Fur	11
Meat	10
Wool	4
Ceramics, Earthenware	18
Glass	9
Iron, Steel	38
Plastics	38
Chemical Products	30
Paints, Varnishes	28
Cosmetics, Soaps, Additives	29
Metal Products	47
Machinery	55
Precision Products	7
Toys	7
Pipework, Cables	18
Construction	126
Reconstruction	14
Refrigeration, Heating, Ventilation	33
Utilities	48
Total	**2005**
Societal Problems	4
Prevention	172
Safety	171
Accidents	41
Failure	4
Protection	217
Hazards	73
Endangered Species	13
Pests	15
Emergencies	129
Destruction	32
Fire	21
Pollution	71
Waste	30
Disposables	1
Corrosion	8
Effluent	7
Poison	45
Disposal of Bodies	11
Crime	85
Corruption	2
Detention	40
Punishment	14
Maltreatment	107
Victims	31
Addiction, Drug Abuse	62
Epidemics	47
Hygiene	52
Vulnerability	36
Obsolescence	1
Imbalances	4
Impediments	3
Inadequacy	4
Instability	3
Irresponsibility	1
Scarcity	1
Restrictions	5
Abolition	4
Deprivation	51
Isolation	3
Dependence	12
Distortion	1

SUBJECT	PEOPLE
Proliferation	3
Total	**1637**
Total Social Action (Structure)	**16411**
SOCIAL ACTION (CONTEXT)	
Research, Standards	
Study	565
Research	721
Investigations	27
Experimental	29
Inspection, Tests	140
Examinations	22
Exploration	15
Laboratories	53
Observatories	6
Measurement	44
Quality Unification	122
Standards	104
Evaluation	10
Nomenclature	33
Patents, Copyright	47
Trademarks	26
Registry	8
Certification	42
Qualifications	32
Awards	14
Drafting, Graphics	13
Surveying	17
Cartography	21
Navigation	16
Total	**2127**
Health Care	
Health	422
Exercise, Rest	10
Mental Health	65
Treatment	36
Hospitals	96
Clinical	144
Pharmacy	131
Naturopathy, Holistic Medicine	30
Physicians	97
Surgery	218
Paediatrics	55
Obstetrics	24
Nursing	36
Therapy	137
Psychotherapy	18
Psychiatry	30
Veterinary	71
Rehabilitation	85
Handicapped	109
Blind, Visually Impaired	38
Deaf	30
Nutrition	85
Care	244
Concern	18
Birth Control	22
Total	**2251**
Education	700
Training	206
Vocational Guidance	28
Further Education	54
Physical Education	16
Primary Schooling	3
Secondary and Higher Education	99
Preschooling	5
Distance Education	22
Schools	225
Universities	275
Colleges	79
Academies	121
Educators	202
Rectors	9
Students	143
Graduates	59

SUBJECT	PEOPLE
Educational Content	122
Educational Level	36
Total	**2404**
Recreation	78
Amateur	73
Arts	197
Painting, Drawing	10
Sculpture	2
Writing	71
Handicrafts	18
Performing Arts	34
Theatre	51
Singing	23
Dancing	29
Music	122
Musical Instruments	21
Orchestras	14
Interests	138
Animal Pets	4
Gastronomy	4
Gambling	3
Sport	264
Athletics	71
Ball Games	121
Air, Water Sports	62
Combative Sports	56
Animal Sports	33
Mechanical Sports	11
Winter Sports	23
Outdoor Activities	24
Indoor Activities	26
Competitions	124
Holidays	4
Shows	34
Celebration	2
Folk Traditions	81
Total	**1828**
Defence	43
NATO Bodies	10
Military	26
Command	2
Arms	61
Military Forces	23
Veterans	10
Private Armies	1
Conflict	67
War	52
Resistance	10
Secrecy	1
Espionage, Subversion	3
Cease-Fire, Surrender	7
Police	17
Total	**333**
Religious Practice	
Religion	180
Prayer	16
Yoga	8
Meditation, Contemplation	6
Divination	3
Rituals	2
Ceremonial	16
Scriptures	90
Priesthood	35
Bishops	39
Pontifical Bodies	34
Places of Worship	13
Orthodox	4
Patriarchate	2
Churches	221
Monasteries	4
Missions	187
Evangelism	95
Ecumenism	42
Orders, Secular Institutes	19
Non-Religious Orders	4
Laity	35
Total	**1055**

Figure 4.1.4. (a)

SUBJECT	PEOPLE
Government	
Nation State	56
Frontiers	32
Intergovernmental Communities	100
Intergovernmental	41
Government	187
Ministers, Deputies	14
Parliament	56
Officials	57
Authorities	18
Municipalities	35
Public	135
Civil	89
Citizenship	58
Private	81
Politics	28
Political	75
Political Parties	41
Diplomacy	22
Revolution	3
Sanctions	3
Total	**1131**
Agriculture, Fisheries	
Agriculture	238
FAO Bodies	22
Farming	47
Breeding	26
Cultivation	23
Crops	48
Horticulture	24
Viniculture	4
Plantations	1
Forestry	82
Invertebrate Culture	3
Fisheries	62
Whaling	4
Animal Husbandry	28
Animal Feedstuffs	17
Dairy Farming	5
Total	**634**
Law	376
Constitution	7
Legality	114
Regulation	17
Lawyers	77
Judiciary	62
Tribunals, Courts	183
Arbitration	192
Agreements	55
Law Enforcement	9
Prohibition	4
Total	**1096**
Total Social Action (Context)	**12859**

CONCEPT FORMATION (STRUCTURE)

SUBJECT	PEOPLE
Sociology	81
Demography	21
Population	79
Ethnology	16
Total	**197**
Management	
Administration	74
Management	233
Planning	147
Total	**454**
Informatics, Classification	
Classification	37
Informatics	121
Total	**158**
Ekistics	8
Architecture	54
Total	**62**

SUBJECT	PEOPLE
Cybernetics	
Control	71
Cybernetics	34
Systems	137
Automation	17
Modelling	40
Total	**299**
Psychology	114
Sensory	7
Stress	11
Behaviour	29
Imagery	19
Total	**180**
Economics	75
Economic	342
Economy	102
Economists	10
Productivity	18
Resource Utilization	48
Total	**595**
Technology	288
Technical	280
Technicians	19
Engineering	109
Engineers	44
Metallurgy	9
Electronics	45
Electricity	40
Total	**834**
Environment	683
Total Concept Formation (Structure)	**3462**

CONCEPT FORMATION (CONTEXT)

SUBJECT	PEOPLE
Science	455
Theoretical	20
Methodologies	17
Total	**492**
Experiential Activity	20
History	166
Historical Periods	31
Archaeology	37
Epigraphy	7
Genealogy, Heraldry	10
Total	**251**
Culture	449
Cultural Activity	6
UNESCO Bodies	31
Literature	94
Musicology	9
Museums	52
Total	**641**
Strategy	44
Coordination	36
Total	**80**
Theology	215
Buddhism, Hinduism	19
Islam	76
Judaism	69
Christianity	314
Catholicism	194
Protestant	56
Baptist	12
Lutheran	11
Methodist	16
Occultism	10
Charismatic Religions	10
Bahá'í	4
Total	**1006**

SUBJECT	PEOPLE
Metapolitics	17
Political Theories	173
Total	**190**
Agrosciences	13
International Relations	
United Nations	261
Peacekeeping	55
World Order	30
Disarmament	65
International Relations	160
Regional Studies	234
Planetary Initiatives	162
Total	**967**
Total Concept Formation (Context)	**3660**

INNOVATIVE CHANGE (STRUCTURE)

SUBJECT	PEOPLE
Development	956
Sustainable Development	409
Reform	170
Potential	2
Progress	29
Aid	86
Assistance	210
Help	29
Total	**1891**
Policy-making	
Policy	225
Future	63
Total	**288**
Language	
Languages	133
English	16
Germanic Languages	4
Esperanto	58
Classical Languages	9
Italian	3
Spanish	3
Slavic Languages	19
French	56
Romance Languages	5
Linguistics	56
Artificial Intelligence	8
Language Speaking	211
Total	**581**
Design	43
Patterns	11
Fashion	3
Total	**57**
Interdisciplinarity	62
Individuation	39
Psychoanalysis	10
Symbols, Myths	8
Parapsychology	17
Total	**74**
Value Redistribution	43
Cooperative	249
Total	**292**
Invention	6
Conservation	221
Restoration	49
Total	**270**
Total Innovative Change (Structure)	**3521**

Figure 4.1.4. (a)

SUBJECT	PEOPLE	SUBJECT	PEOPLE	SUBJECT	PEOPLE
INNOVATIVE CHANGE (CONTEXT)		**EXPERIENTIAL (VALUES)**		**EXPERIENTIAL (MODES OF AWARENESS)**	
Innovative Change		Principles	12	Awareness	
Change	64	Values	16	Consciousness	27
Appropriateness	17	Purpose	93	Authenticity	23
Alternatives	31	Cooperation	511	Leadership	37
Innovation	46	Solidarity	75	Love	23
Logic	5	Idealism	44	Comprehension	109
Emotional Fulfilment	81	Ideologies	61	Creative Expression	30
Philosophy	78	Harmony	74	Vigilance, courage	16
Knowledge	32	Integration	7	Transcendence	7
Thought	23	Meaning	9	Freedom	184
Aesthetics	53	Sharing	19	Perseverance	6
Civilization	30	Resourcefulness	29	Oneness	34
Heritage	93	Equanimity	26	**Total**	**496**
Monuments	36	**Total**	**976**		
Security	124			**Total Experiential (Modes of awareness) 496**	
Ethics	107	**Total Experiential (Values)**	**976**		
Faith	94				
Mysticism	4				
Community	63				
Coexistence	18				
Peace	348				
Justice	203				
Equality	41			**TOTAL SUBJECTS**	**50205**
Rights	390				
Discrimination	36				
Humanity	228				
Responsibility	29				
Neutrality	4				
Total	**2278**				
Total Innovative Change (Context)	**2278**				

Figure 4.1.4. (a)