GOVERNMENT TRAINING REQUIREMENTS 2021-2023

CONTENTS

FORWORD

The current government of Maldives gives grave importance to development of its workforce to attain national goals. The government policy includes identifying and addressing the performance gaps of the civil servants and to continually upgrade competencies and skills of them and training the future labour pool. Hence, the president of Maldives has mandated the Ministry of Higher Education (MoHE) with the administration and development of the human resources for a resilient workforce. MoHE, has been consistent with its training effort to ensure that the human resource skills and competencies are enhanced from the most needed expanses. It therefore, becomes a must for the ministry to bring a sharp focus on utilizing the funds for training from the priority areas. Moreover, the growing demand for a variety of courses across the country and the increase in the establishment of higher education institutions, it is incumbent on MoHE to ensure public as well as private training institutions remain technically and politically able to meet the contemporary needs of the country.

The findings of this survey have brought to light the proficiency and short-term skills gap that needs to be bridged. The result of this study has also provided the ministry with opportunities to make data driven decisions when addressing the issue of training need of the country and hence utilizing its resources in the most useful manner. This publication is also an effort, unlike its predecessors to provide the public with a more comprehensive analysis of the government training requirement. This could also work as a guide for the training institutions in aligning their programmes with workforce demand and hence develop their programmes to ensure their satisfaction, while delivering training and services.

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Minister of Higher Education
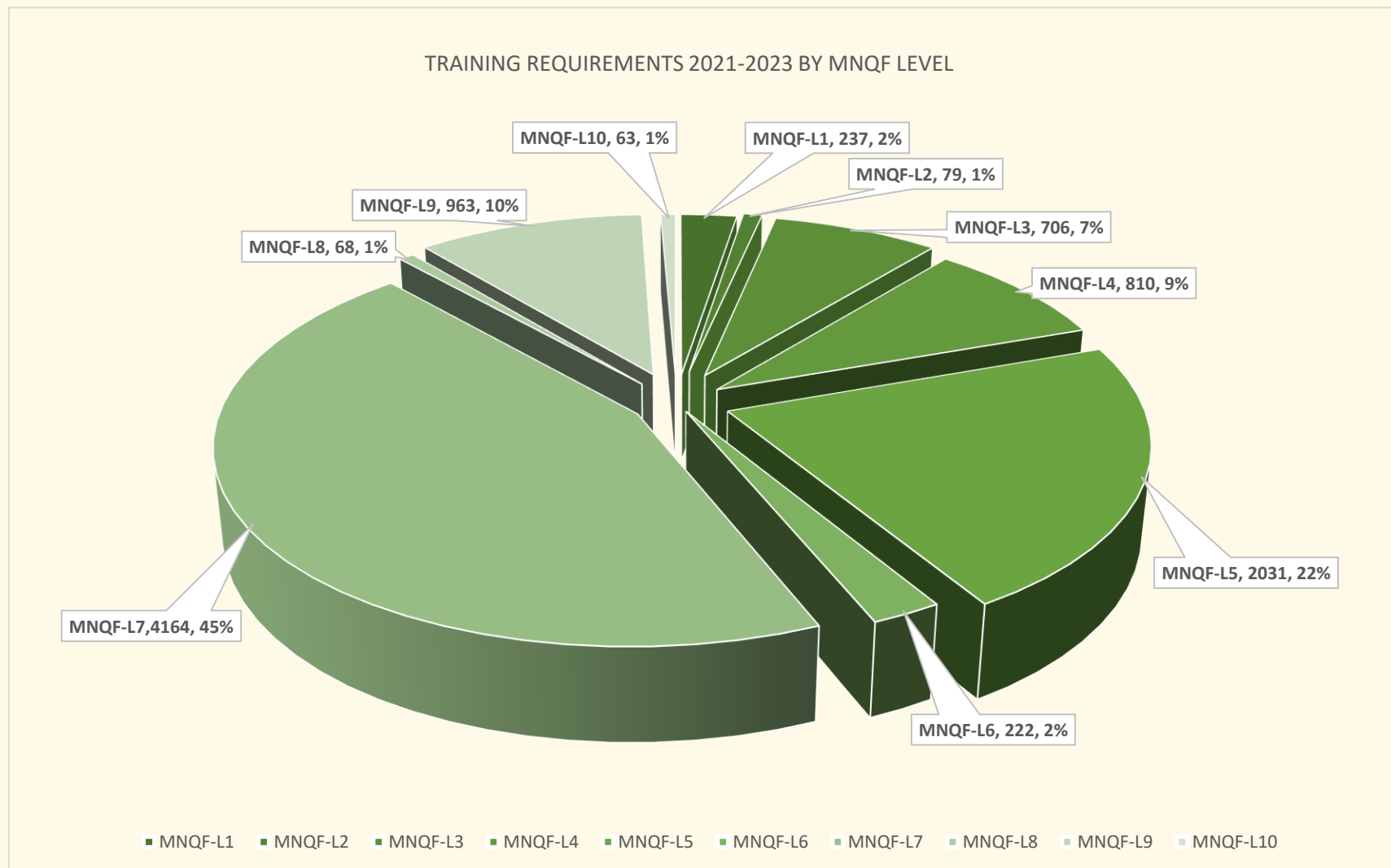
Dr. Ibrahim Hassan

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OVERVIEW

In order to identify and address the constraints in effective performance, and the type of training needs in demand for the development of the country an in-depth analysis of the countries training necessities needs to be conducted. In September 2020, MoHE took up on a comprehensive training needs assessment exercise to identify the training gaps of Government Offices. The document aims to give a clear indication of the field of training, level of training, priority and the number of training required by the government ministries. This exercise aims to understand the skill gap and prioritize areas for human resource development in the period 2021-2023. The information of this report is based on two complementary sources: focused group discussions with ministries and data collection forms. This report is compiled through a multi-level identification and validation process, considering recent training needs analysis conducted by the government.

Ministry of Higher Education-2021

GOVERNMENT TRAINING REQUIREMENTS 2021-2023 BY FIELD OF STUDY
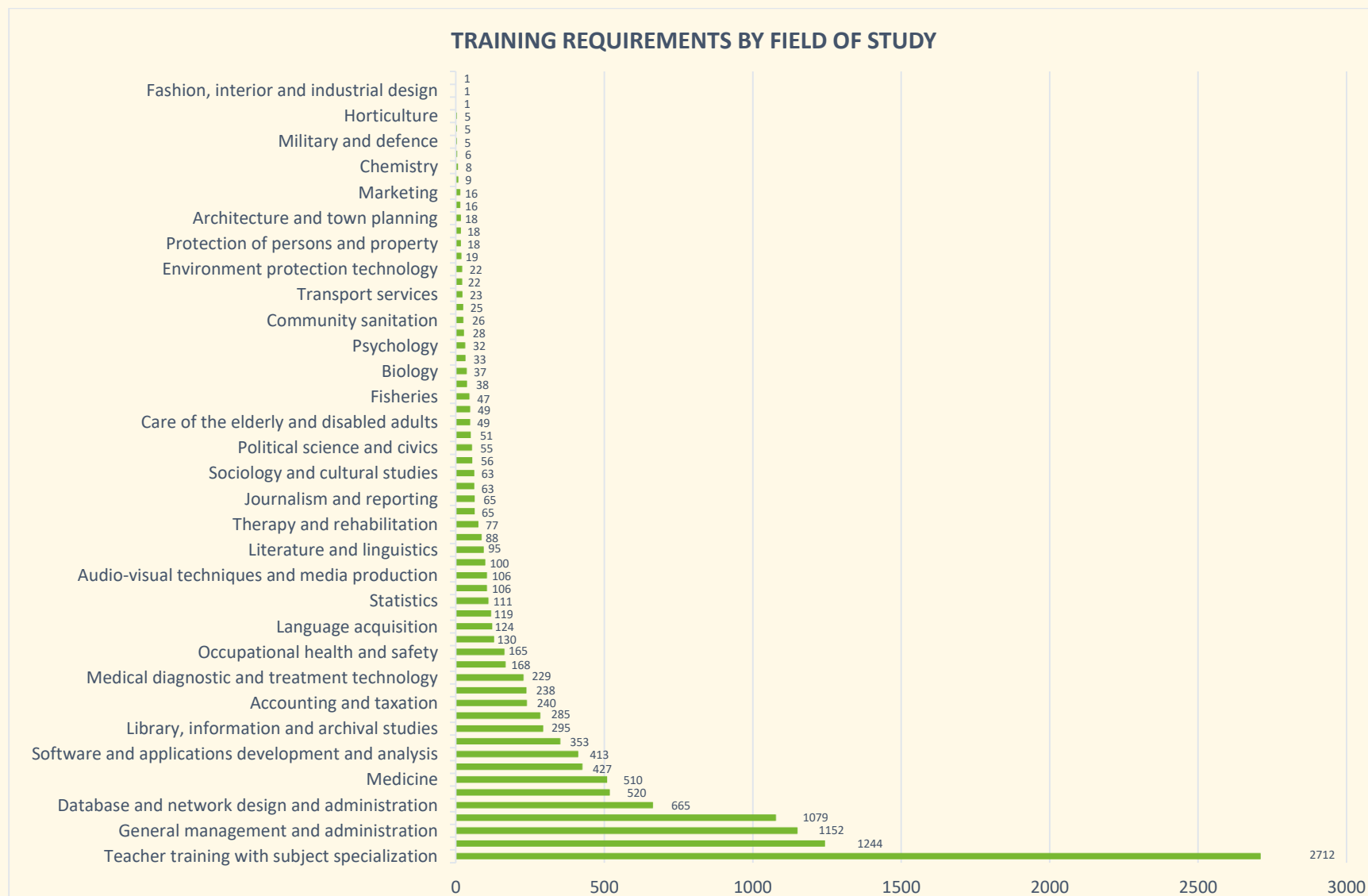
TRAINING REQUIREMENTS BY FIELD OF STUDY

GOVERNMENT TRAINING REQUIREMENTS 2021-2023 BY MNQF LEVEL

TRAINING REQUIREMENTS 2021-2023 BY MNQF LEVEL

MNQF-L10, 63, 1%

MNQF-L1, 237, 2%

MNQF-L2, 79, 1%

MNQF-L9, 963, 10%

MNQF-L3, 706, 7%

MNQF-L8, 68, 1%

MNQF-L4, 810, 9%

MNQF-L5, 2031, 22%

MNQF-L7,4164, 45%

MNQF-L6, 222, 2%

■ MNQF-L1   ■ MNQF-L2   ■ MNQF-L3   ■ MNQF-L4   ■ MNQF-L5   ■ MNQF-L6   ■ MNQF-L7   ■ MNQF-L8   ■ MNQF-L9   ■ MNQF-L10

GOVERNMENT TRAINING REQUIREMENTS 2021-2023 BY FIELD OF STUDY & MNQF LEVELS

Study Field	MNQF L1	MNQF L2	MNQF L3	MNQF L4	MNQF L5	MNQF L6	MNQF L7	MNQF L8	MNQF L9	MNQF L10	Grand Total
Teacher training with subject specialization					32		2574		106		2712
General management and administration	9	8	105	76	207	25	282	8	117	3	840
Nursing and midwifery	4	5	2	50	232	108	263	7	131	7	809
Personal skills	144	2	225	284	57	10	18	1	4	0	745
Child care and youth services			103	0	219	0	60	0	0	0	382
Social work and counselling				12	236	13	76	0	7	0	344
Medicine	10	10	19	31	0	0	109	14	118	14	325
Software and applications development and analysis	1	2	9	21	239	1	28	0	8	0	309
Library, information and archival studies			1	0	224	1	61	0	8	0	295
Specialized management and administration			21	25	127	9	41	3	52	3	281
Database and network design and administration	1		36	23	70	5	61	1	45	1	243
Environmental science	1		67	24	3	2	48	0	65	15	225
Accounting and taxation	3		13	36	38	8	40	0	26	0	164
Medical diagnostic and treatment technology	12	14		5	26	0	56	0	19	0	132
Finance, banking and insurance			24	16	31	3	28	2	19	0	123
Electronics and automation	1		10	23	26	2	22	0	15	0	99
Statistics	18	15	2	22	7	2	22	0	9	0	97
Audio-visual techniques and media production	2	5	7	7	38	0	19	0	0	0	78
Education science				3	3	0	38	11	15	7	77
Building and civil engineering				9	19	2	24	1	14	2	71
Dental studies			10	2	8	0	11	10	20	0	61

											Total
Therapy and rehabilitation	10		3	1	4	4	15	2	20	0	59
Political science and civics	1		4	9	5	0	13	2	20	0	54
Care of the elderly and disabled adults	2		3	20	12	3	6	0	1	0	47
Economics				0	8	0	29	0	8	0	45
Occupational health and safety	7		12	11	11	0	1	0	1	0	43
Sports		6		10	14	10	2	0	0	0	42
Fisheries				0	31	0	10	0	0	0	41
Earth science				0	7	3	15	0	8	1	34
Sociology and cultural studies				3	0	1	10	1	18	1	34
Specialized law				1	10	0	4	0	15	4	34
Psychology				1	8	0	18	1	4	0	32
Journalism and reporting			3	16	6	0	5	1	0	0	31
Language acquisition			6	12	7	0	5	0	1	0	31
Law			1	0	0	1	10	1	17	0	30
Electricity and energy	1			4	6	1	12	0	4	1	29
Agriculture				0	20	0	8	0	0	0	28
Community sanitation	1	2	3	20	0	0	0	0	0	0	26
Literature and linguistics		6	2	6	2	3	5	0	2	0	26
Others			4	3	3	0	16	0	0	0	26
Environment protection technology				0	0	0	10	0	12	0	22
Biology			1	0	2	0	13	0	4	1	21
Pharmacy	1			0	10	2	5	0	2	0	20
History and archaeology				0	2	2	12	0	3	0	19
Transport services		1	1	6	5	0	4	0	2	0	19
Marketing				0	0	0	16	0	0	0	16

Architecture and town planning				0	2	0	8	2	3	0	15
Protection of persons and property	7		2	0	1	0	1	0	3	1	15
Food processing				0	0	0	7	0	7	0	14
Motor vehicles, ships and aircrafts	1			5	4	1	3	0	0	0	14
Travel, tourism and leisure			4	0	0	0	1	0	7	1	13
Mechanics and metal trades			5	4	2	0	1	0	0	0	12
Biochemistry				0	1	0	7	0	1	0	9
Wholesale and retail trade				7	0	0	2	0	0	0	9
Veterinary				0	3	0	2	0	0	0	5
Horticulture			1	0	3	0	0	0	0	0	4
Chemistry				0	0	0	1	0	1	1	3
Military and defence				0	0	0	2	0	1	0	3
Physics				0	0	0	3	0	0	0	3
Chemical engineering and processes				1	0	0	0	0	0	0	1
Fashion, interior and industrial design				0	0	0	1	0	0	0	1
Pharmacy				1	0	0	0	0	0	0	1
Grand Total	**237**	**79**	**706**	**810**	**2031**	**222**	**4164**	**68**	**963**	**63**	**9343**

*Analysis is done using the data provided by the Ministries

GOVERNMENT TRAINING REQUIREMENTS BY OFFICE

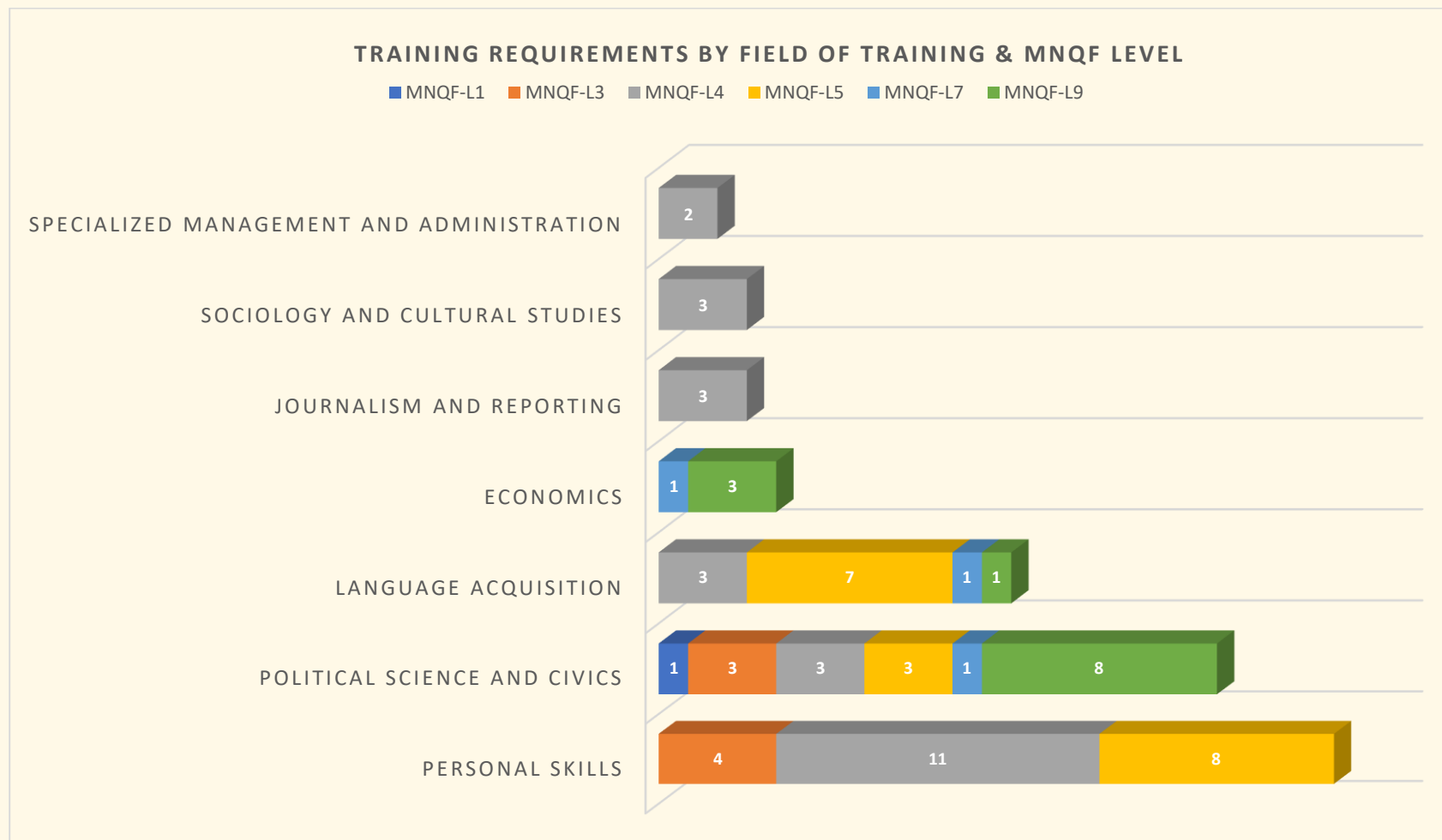| Ministry	Total
Ministry of Education	4429
Ministry of Health	4253
Ministry of Communication, Science and Technology	895
Ministry of Finance	546
Ministry of Environment	420
Ministry of National Planning, Housing and Infrastructure	398
Ministry of Youth, Sports and Community Empowerment	359
Ministry of Gender, Family and Social services	266
Ministry of Higher Education	216
Ministry of Islamic Affairs	163
Ministry Home Affairs	139
Ministry of Arts, Culture and Heritage	136
Ministry of Economic Development	126
Ministry of Tourism	117
Ministry of Fisheries, Marine Resources and Agriculture	95
Ministry of Defence	88
Ministry of Foreign Affairs	66
Ministry of Transport and Civil Aviation	34
Total	**12746**

*Analysis is done using the data provided by the Ministries

MINISTRY OF FOREIGN AFFAIRS

TRAINING REQUIREMENTS BY FIELD OF STUDY AND PRIORITY

Study Field	2021	2022	2023	Grand Total
Personal skills	11	7	5	23
Political science and civics	10	5	4	19
Language acquisition	7	3	2	12
Economics		4		4
Journalism and reporting		3		3
Sociology and cultural studies	3			3
Specialized management and administration	2			2
Grand Total	**33**	**22**	**11**	**66**

TRAINING REQUIREMENTS BY FIELD OF TRAINING & MNQF LEVEL

TRAINING REQUIREMENTS BY FIELD OF TRAINING & MNQF LEVEL

Legend: ■ MNQF-L1 ■ MNQF-L3 ■ MNQF-L4 ■ MNQF-L5 ■ MNQF-L7 ■ MNQF-L9

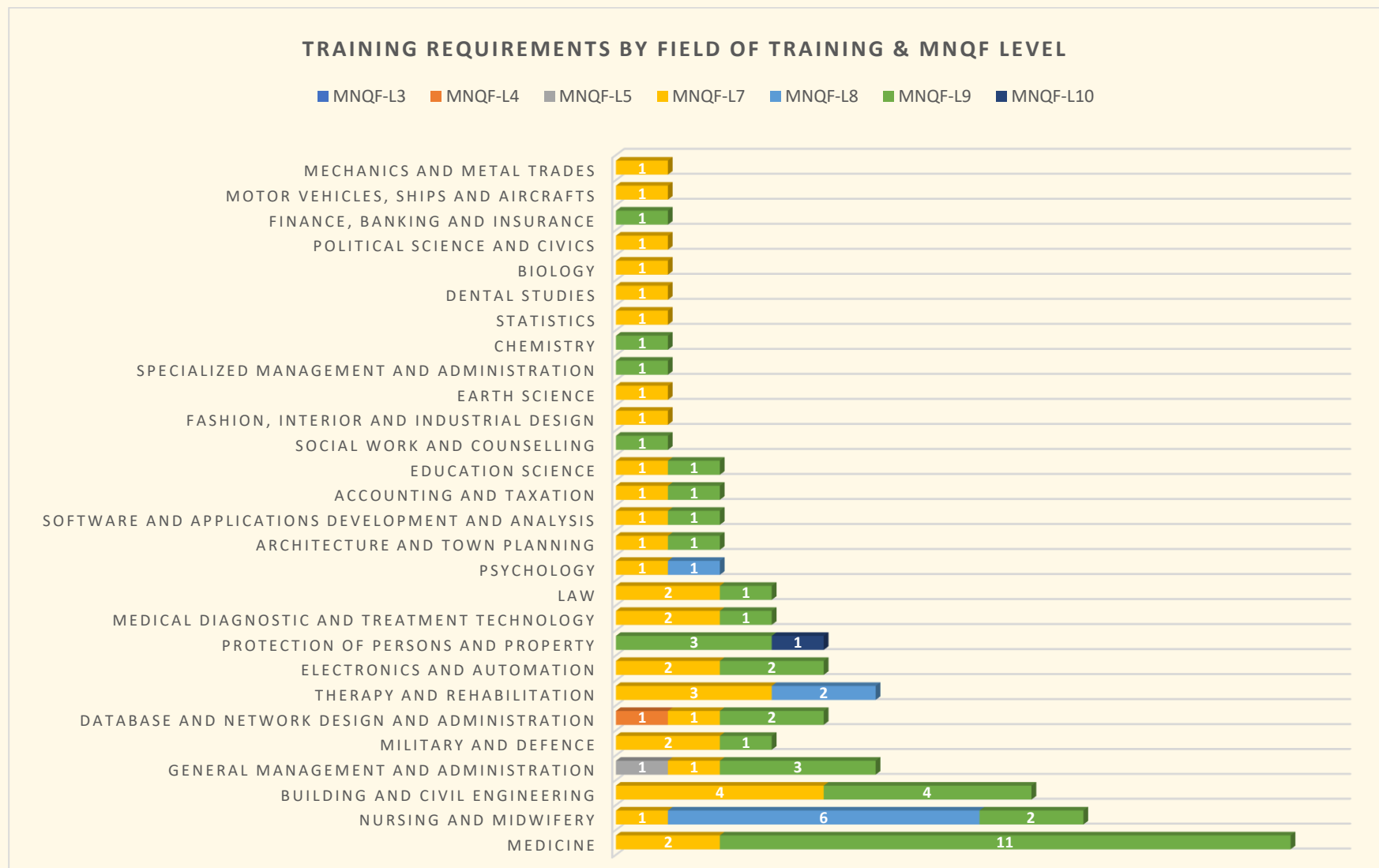| Field	MNQF-L1	MNQF-L3	MNQF-L4	MNQF-L5	MNQF-L7	MNQF-L9
SPECIALIZED MANAGEMENT AND ADMINISTRATION			2			
SOCIOLOGY AND CULTURAL STUDIES			3			
JOURNALISM AND REPORTING			3			
ECONOMICS					1	3
LANGUAGE ACQUISITION			3	7	1	1
POLITICAL SCIENCE AND CIVICS	1	3	3	3	1	8
PERSONAL SKILLS		4	11	8		

*Analysis is done using the data provided by the Ministry of Foreign Affairs

MINISTRY OF DEFENSE

TRAINING REQUIREMENTS BY FIELD OF STUDY AND PRIORITY

Study Field	2021	2022	2023	Grand Total
Medicine	2		11	13
Nursing and midwifery	1	6	2	9
Building and civil engineering	4		4	8
General management and administration	4	1	2	7
Military and defence	3	1	1	5
Database and network design and administration	2	1	2	5
Therapy and rehabilitation	3	2		5
Electronics and automation	2		2	4
Protection of persons and property		4		4
Medical diagnostic and treatment technology	2		1	3
Law	2		1	3
Psychology	1	1		2
Architecture and town planning	1		1	2
Software and applications development and analysis	1		1	2
Accounting and taxation	1		1	2
Education science	1		1	2
Social work and counselling		1		1
Fashion, interior and industrial design	1			1
Earth science	1			1
Specialized management and administration			1	1
Chemistry	1			1
Statistics	1			1
Dental studies	1			1
Biology	1			1
Political science and civics	1			1
Finance, banking and insurance	1			1
Motor vehicles, ships and aircrafts	1			1
Mechanics and metal trades	1			1
Grand Total	**40**	**17**	**31**	**88**

TRAINING REQUIREMENTS BY FIELD OF TRAINING & MNQF LEVEL

TRAINING REQUIREMENTS BY FIELD OF TRAINING & MNQF LEVEL

■ MNQF-L3   ■ MNQF-L4   ■ MNQF-L5   ■ MNQF-L7   ■ MNQF-L8   ■ MNQF-L9   ■ MNQF-L10

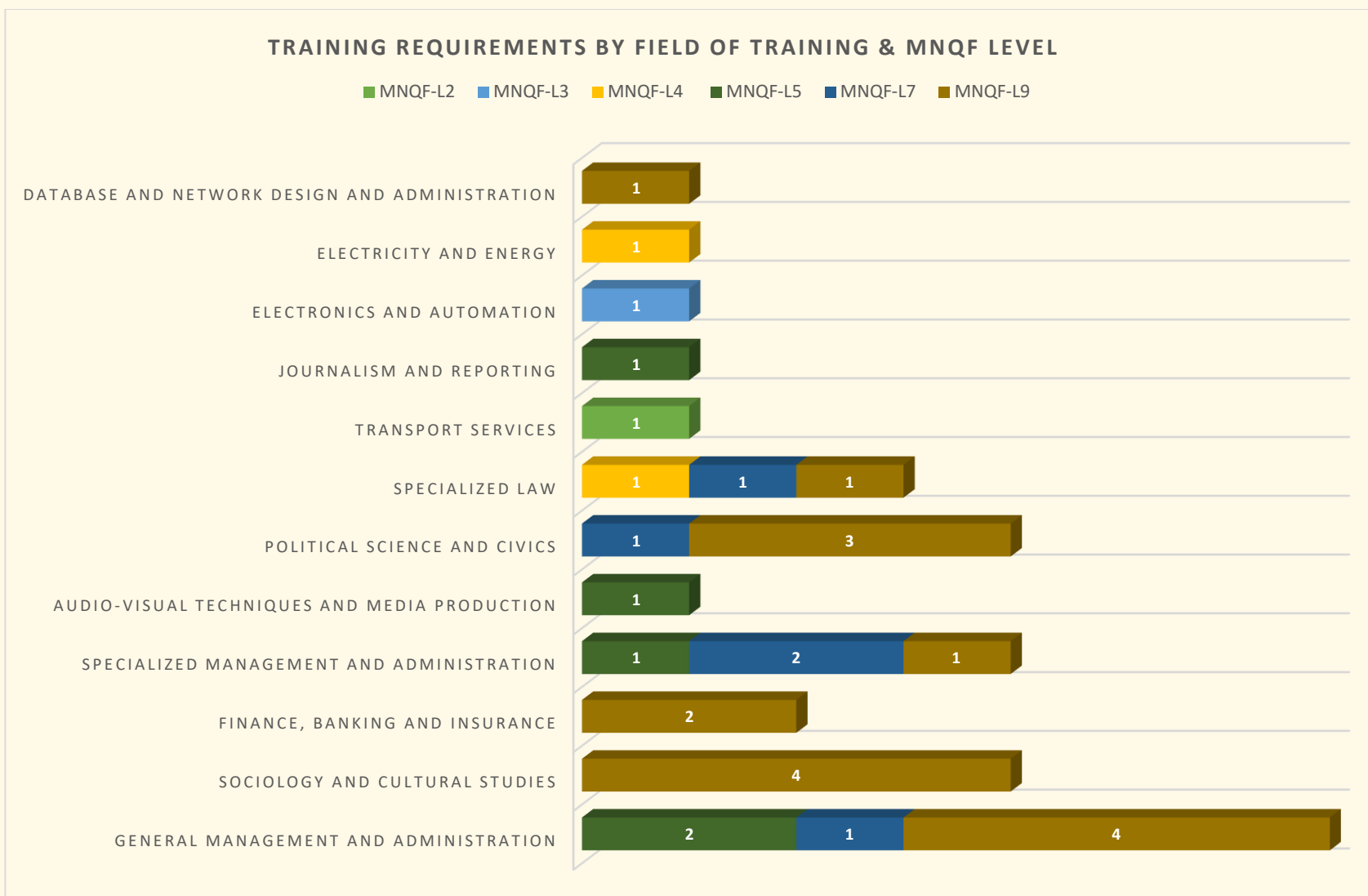| Field of Training	MNQF-L3	MNQF-L4	MNQF-L5	MNQF-L7	MNQF-L8	MNQF-L9	MNQF-L10
MECHANICS AND METAL TRADES				1			
MOTOR VEHICLES, SHIPS AND AIRCRAFTS				1			
FINANCE, BANKING AND INSURANCE						1	
POLITICAL SCIENCE AND CIVICS				1			
BIOLOGY				1			
DENTAL STUDIES				1			
STATISTICS				1			
CHEMISTRY						1	
SPECIALIZED MANAGEMENT AND ADMINISTRATION						1	
EARTH SCIENCE				1			
FASHION, INTERIOR AND INDUSTRIAL DESIGN				1			
SOCIAL WORK AND COUNSELLING				1			
EDUCATION SCIENCE				1		1	
ACCOUNTING AND TAXATION				1		1	
SOFTWARE AND APPLICATIONS DEVELOPMENT AND ANALYSIS				1		1	
ARCHITECTURE AND TOWN PLANNING				1		1	
PSYCHOLOGY				1	1		
LAW				2		1	
MEDICAL DIAGNOSTIC AND TREATMENT TECHNOLOGY				2		1	
PROTECTION OF PERSONS AND PROPERTY						3	1
ELECTRONICS AND AUTOMATION				2		2	
THERAPY AND REHABILITATION				3	2		
DATABASE AND NETWORK DESIGN AND ADMINISTRATION		1		1		2	
MILITARY AND DEFENCE				2		1	
GENERAL MANAGEMENT AND ADMINISTRATION			1	1		3	
BUILDING AND CIVIL ENGINEERING				4		4	
NURSING AND MIDWIFERY				1	6	2	
MEDICINE				2		11	

*Analysis is done using the data provided by the Ministry of Defense

MINISTRY OF HOME AFFAIRS

TRAINING REQUIREMENTS BY FIELD OF STUDY AND PRIORITY

Study Field	2021	2022	2023	Grand Total
Personal skills	57			57
General management and administration	15		1	16
Sociology and cultural studies	6	9		15
Finance, banking and insurance	13			13
Specialized management and administration	11	1	1	13
Audio-visual techniques and media production	6			6
Political science and civics	1	4		5
Specialized law	2	1		3
Therapy and rehabilitation	2			2
Transport services	1		1	2
Journalism and reporting	2			2
Electronics and automation	1			1
Electricity and energy	1			1
Database and network design and administration		1		1
Accounting and taxation	1			1
Language acquisition	1			1
Grand Total	**120**	**16**	**3**	**139**

TRAINING REQUIREMENTS BY FIELD OF TRAINING & MNQF LEVEL

TRAINING REQUIREMENTS BY FIELD OF TRAINING & MNQF LEVEL

■ MNQF-L2   ■ MNQF-L3   ■ MNQF-L4   ■ MNQF-L5   ■ MNQF-L7   ■ MNQF-L9

Field of Training	MNQF-L2	MNQF-L3	MNQF-L4	MNQF-L5	MNQF-L7	MNQF-L9
DATABASE AND NETWORK DESIGN AND ADMINISTRATION						1
ELECTRICITY AND ENERGY			1			
ELECTRONICS AND AUTOMATION		1				
JOURNALISM AND REPORTING				1		
TRANSPORT SERVICES	1					
SPECIALIZED LAW			1		1	1
POLITICAL SCIENCE AND CIVICS					1	3
AUDIO-VISUAL TECHNIQUES AND MEDIA PRODUCTION				1		
SPECIALIZED MANAGEMENT AND ADMINISTRATION				1	2	1
FINANCE, BANKING AND INSURANCE						2
SOCIOLOGY AND CULTURAL STUDIES						4
GENERAL MANAGEMENT AND ADMINISTRATION				2	1	4

*Analysis is done using the data provided by the Ministry of Home Affairs

MINISTRY OF FINANCE

TRAINING REQUIREMENTS BY FIELD OF STUDY AND PRIORITY

Study Field	2021	Grand Total
Finance, banking and insurance	96	96
Economics	95	95
Specialized management and administration	89	89
Software and applications development and analysis	62	62
Accounting and taxation	54	54
Personal skills	51	51
Language acquisition	30	30
Literature and linguistics	30	30
Specialized law	25	25
General management and administration	12	12
Statistics	2	2
Grand Total	**546**	**546**

TRAINING REQUIREMENTS BY FIELD OF TRAINING & MNQF LEVEL

TRAINING REQUIREMENTS BY FIELD OF TRAINING & MNQF LEVEL

■ MNQF-L3   ■ MNQF-L5   ■ MNQF-L6   ■ MNQF-L7   ■ MNQF-L9
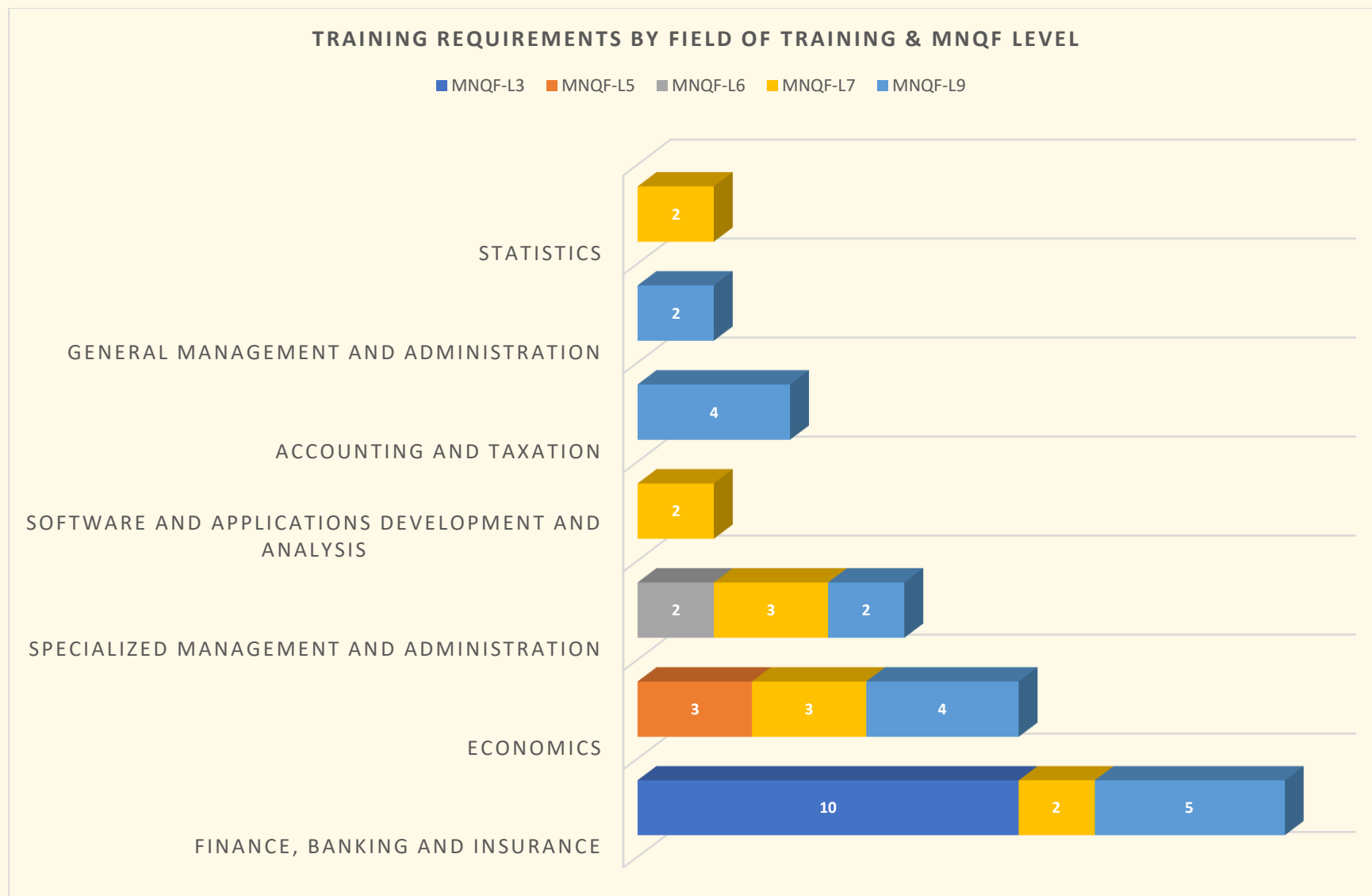
*Analysis is done using the data provided by the Ministry of Finance

MINISTRY OF NATIONAL PLANNING, HOUSING AND INFRASTRUCTURE

TRAINING REQUIREMENTS BY FIELD OF STUDY AND PRIORITY

Study Field	2021	2022	2023	Grand Total
Personal skills	30	14	12	56
General management and administration	42	13	1	56
Building and civil engineering	15	14	18	47
Software and applications development and analysis	28	12	1	41
Database and network design and administration	23	7	3	33
Statistics	8	6	4	18
Environmental science	14		3	17
Audio-visual techniques and media production	10	4	2	16
Finance, banking and insurance	1	9	5	15
Political science and civics	6	2	4	12
Sociology and cultural studies	6	3	3	12
Accounting and taxation	2	10		12
Architecture and town planning	1	7	3	11
Law	4	5		9
Specialized management and administration	5	3	1	9
Earth science	4		5	9
Literature and linguistics	4	3		7
Electricity and energy		6		6
Specialized law	3			3
Transport services		3		3
Journalism and reporting	2			2
Education science	2			2
Economics	1			1
Horticulture		1		1
Grand Total	**211**	**122**	**65**	**398**

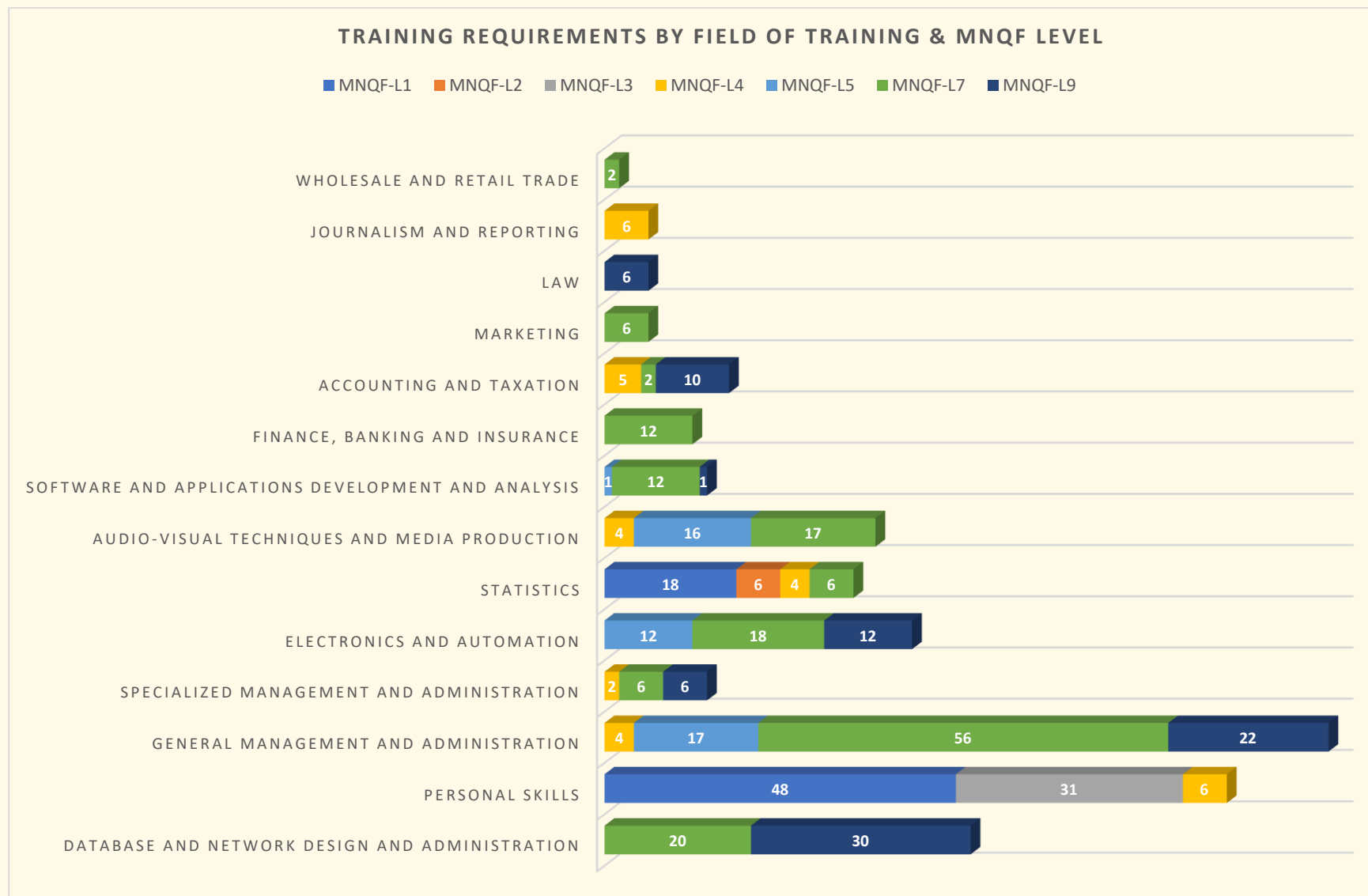# TRAINING REQUIREMENTS BY FIELD OF TRAINING & MNQF LEVEL

TRAINING REQUIREMENTS BY FIELD OF TRAINING & MNQF LEVEL

■ MNQF-L1 ■ MNQF-L2 ■ MNQF-L3 ■ MNQF-L4 ■ MNQF-L5 ■ MNQF-L6 ■ MNQF-L7 ■ MNQF-L8 ■ MNQF-L9 ■ MNQF-L10

Field of Training	Values
ECONOMICS	1
EDUCATION SCIENCE	2
JOURNALISM AND REPORTING	1 1
SPECIALIZED LAW	3
LITERATURE AND LINGUISTICS	6
EARTH SCIENCE	2 4 3
SPECIALIZED MANAGEMENT AND ADMINISTRATION	1 3
LAW	1 1 5
ARCHITECTURE AND TOWN PLANNING	1 3 2 2
ACCOUNTING AND TAXATION	1 3 2 2 1
SOCIOLOGY AND CULTURAL STUDIES	3 1 8
POLITICAL SCIENCE AND CIVICS	6 2 4
FINANCE, BANKING AND INSURANCE	2 1 1
AUDIO-VISUAL TECHNIQUES AND MEDIA PRODUCTION	5 11
ENVIRONMENTAL SCIENCE	2 5
STATISTICS	9 6 3
DATABASE AND NETWORK DESIGN AND ADMINISTRATION	4 10 9 7 1
SOFTWARE AND APPLICATIONS DEVELOPMENT AND ANALYSIS	2 8 10 1 3
BUILDING AND CIVIL ENGINEERING	2 5 5
GENERAL MANAGEMENT AND ADMINISTRATION	4 14 3 1 7 4 2
PERSONAL SKILLS	9 39

*Analysis is done using the data provided by the Ministry of Planning, Housing and Infrastructure

MINISTRY OF COMMUNICATION, SCIENCE AND TECHNOLOGY
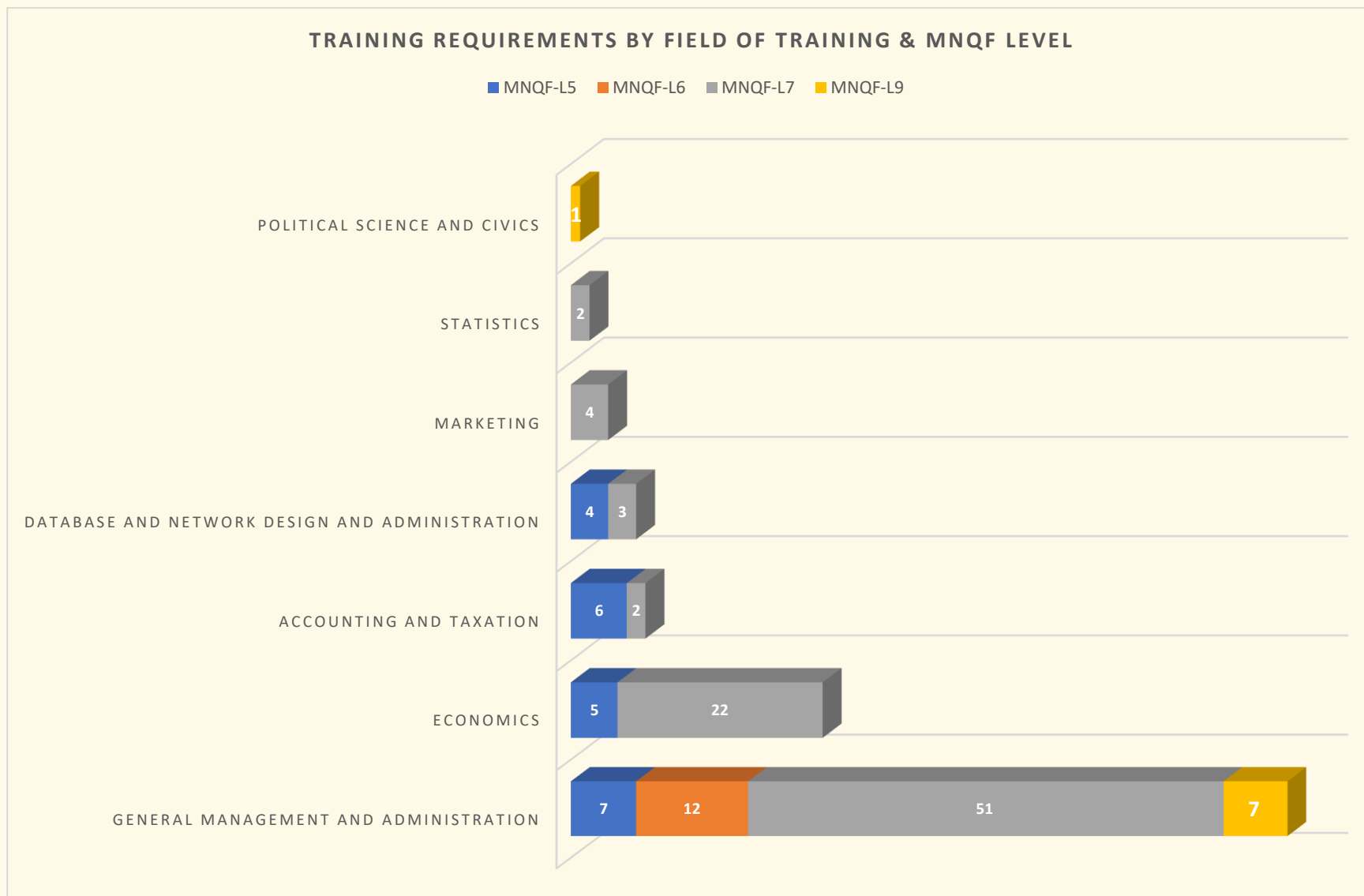
TRAINING REQUIREMENTS BY FIELD OF STUDY AND PRIORITY

Study Field	2021	2022	2023	Grand Total
Database and network design and administration	226	74	61	361
Personal skills	53	44	33	130
General management and administration	39	33	50	122
Specialized management and administration	22	21	21	64
Electronics and automation	14	14	14	42
Statistics	18	12	10	40
Audio-visual techniques and media production	15	11	11	37
Software and applications development and analysis	14	9	7	30
Finance, banking and insurance	8	8	12	28
Accounting and taxation	8	11	2	21
Marketing	2	2	2	6
Law	3	1	2	6
Journalism and reporting	4	2		6
Wholesale and retail trade	2			2
Grand Total	**428**	**242**	**225**	**895**

TRAINING REQUIREMENTS BY FIELD OF TRAINING & MNQF LEVEL

TRAINING REQUIREMENTS BY FIELD OF TRAINING & MNQF LEVEL

Legend: ■ MNQF-L1 ■ MNQF-L2 ■ MNQF-L3 ■ MNQF-L4 ■ MNQF-L5 ■ MNQF-L7 ■ MNQF-L9

Field of Training	Values
WHOLESALE AND RETAIL TRADE	2
JOURNALISM AND REPORTING	6
LAW	6
MARKETING	6
ACCOUNTING AND TAXATION	5, 2, 10
FINANCE, BANKING AND INSURANCE	12
SOFTWARE AND APPLICATIONS DEVELOPMENT AND ANALYSIS	1, 12, 1
AUDIO-VISUAL TECHNIQUES AND MEDIA PRODUCTION	4, 16, 17
STATISTICS	18, 6, 4, 6
ELECTRONICS AND AUTOMATION	12, 18, 12
SPECIALIZED MANAGEMENT AND ADMINISTRATION	2, 6, 6
GENERAL MANAGEMENT AND ADMINISTRATION	4, 17, 56, 22
PERSONAL SKILLS	48, 31, 6
DATABASE AND NETWORK DESIGN AND ADMINISTRATION	20, 30

*Analysis is done using the data provided by the Ministry of Communication, Science and Technology

MINISTRY OF TRANSPORT AND CIVIL AVIATION

TRAINING REQUIREMENTS BY FIELD OF STUDY AND PRIORITY

Study Field	2021	Grand Total
Transport services	17	17
Database and network design and administration	4	4
Earth science	4	4
Motor vehicles, ships and aircrafts	3	3
Accounting and taxation	2	2
Specialized law	1	1
Specialized management and administration	1	1
Architecture and town planning	1	1
General management and administration	1	1
Total	**34**	**34**

TRAINING REQUIREMENTS BY FIELD OF TRAINING & MNQF LEVEL

TRAINING REQUIREMENTS BY FIELD OF TRAINING & MNQF LEVEL

■ MNQF-L4   ■ MNQF-L5   ■ Series3   ■ Series4
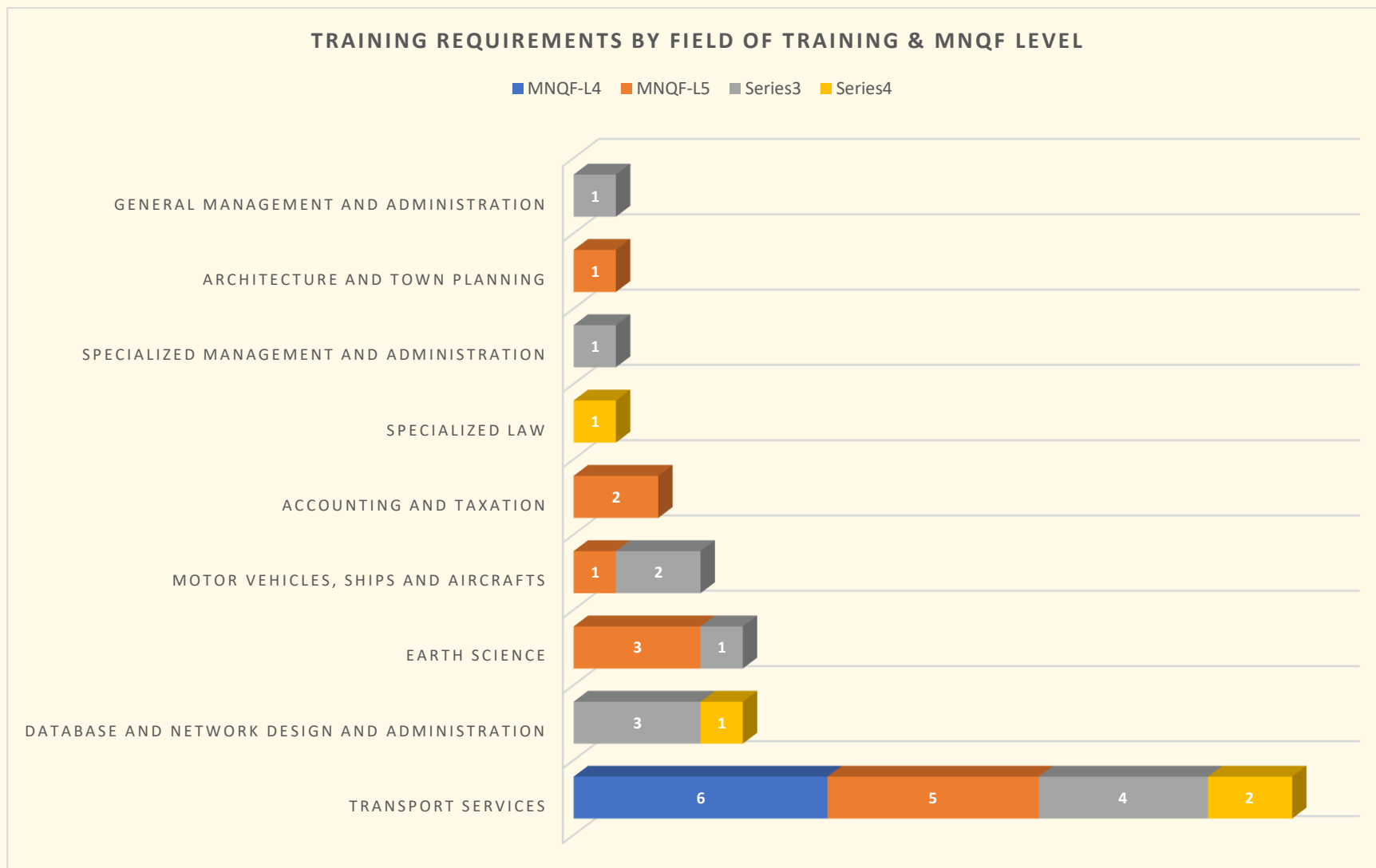
*Analysis is done using the data provided by the Ministry of Transport and Civil Aviation

MINISTRY OF ECONOMIC DEVELOPMENT

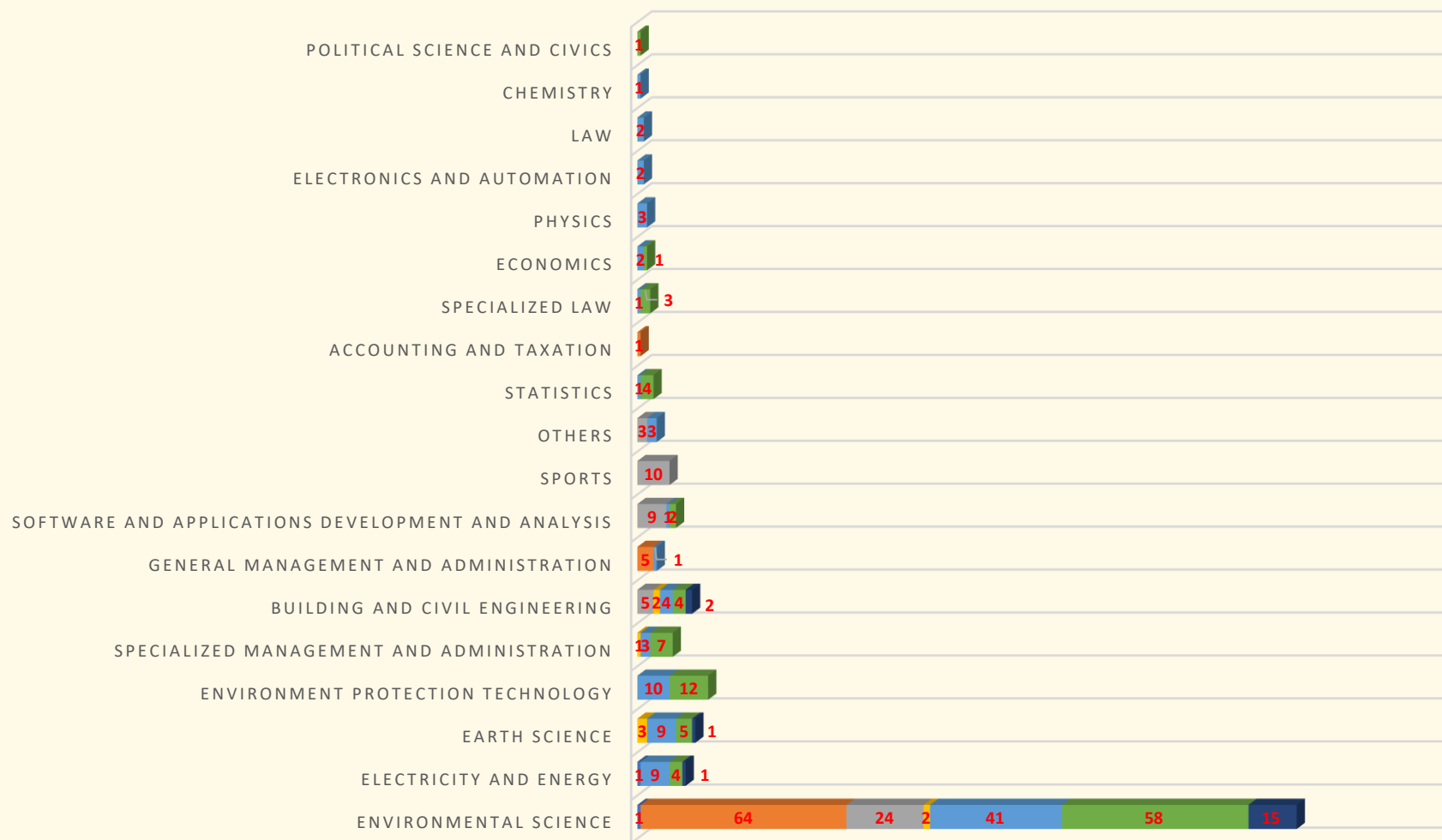**TRAINING REQUIREMENTS BY FIELD OF STUDY AND PRIORITY**

Study Field	2021	2022	2023	Grand Total
General management and administration	30	28	19	77
Economics	14	12	1	27
Accounting and taxation	5	3		8
Database and network design and administration	4	3		7
Marketing	2		2	4
Statistics	2			2
Political science and civics	1			1
Grand Total	**58**	**46**	**22**	**126**

TRAINING REQUIREMENTS BY FIELD OF TRAINING & MNQF LEVEL

TRAINING REQUIREMENTS BY FIELD OF TRAINING & MNQF LEVEL

■ MNQF-L5   ■ MNQF-L6   ■ MNQF-L7   ■ MNQF-L9

POLITICAL SCIENCE AND CIVICS — 1

STATISTICS — 2

MARKETING — 4

DATABASE AND NETWORK DESIGN AND ADMINISTRATION — 4, 3

ACCOUNTING AND TAXATION — 6, 2

ECONOMICS — 5, 22

GENERAL MANAGEMENT AND ADMINISTRATION — 7, 12, 51, 7

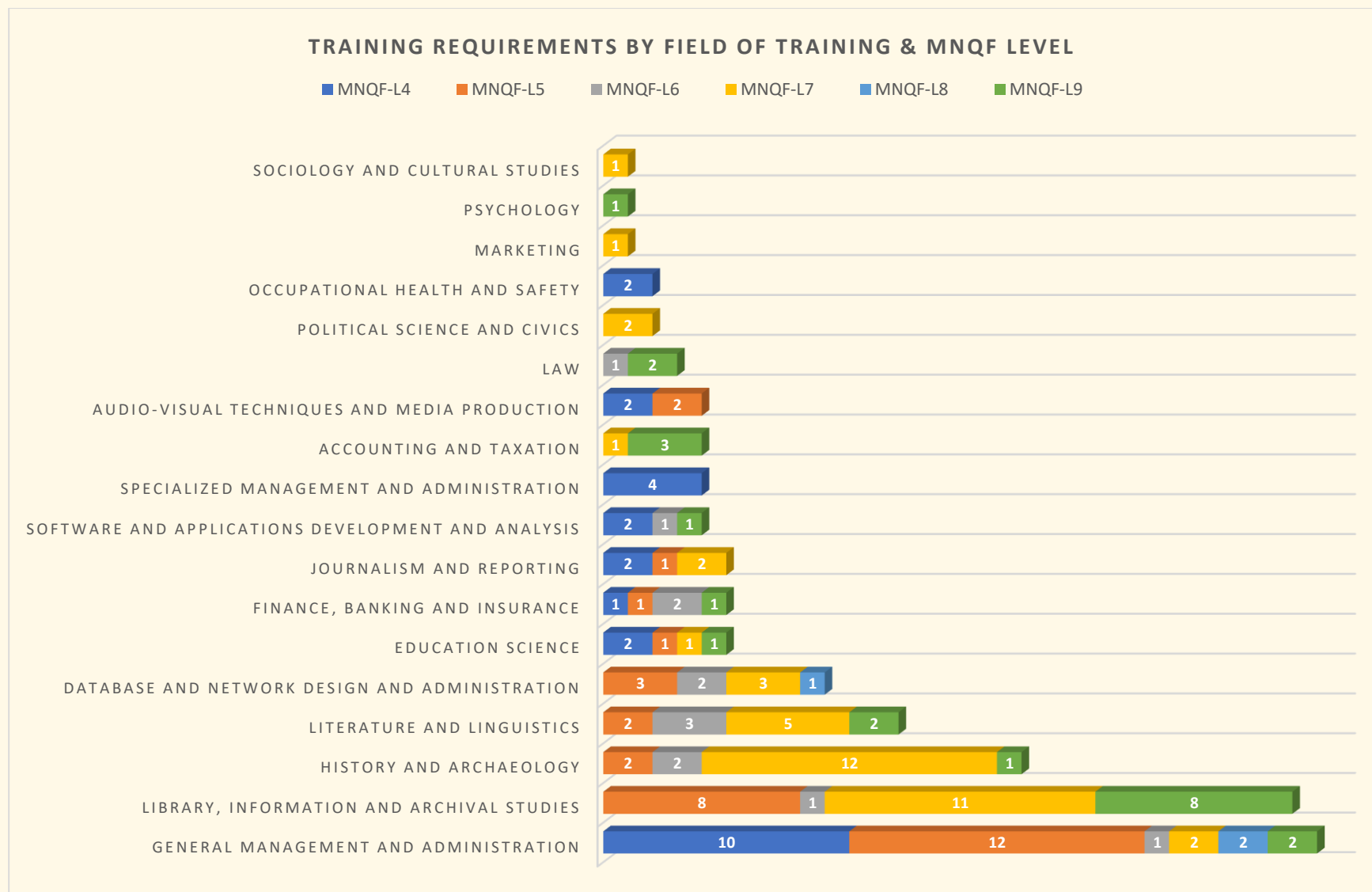*Analysis is done using the data provided by the Ministry of Economic Development

MINISTRY OF TOURISM

TRAINING REQUIREMENTS BY FIELD OF STUDY AND PRIORITY

Study Field	2021	2022	2023	Grand Total
Travel, tourism and leisure	10	4	3	17
Occupational health and safety	10	2	3	15
Personal skills	7	7		14
Specialized law	10			10
General management and administration	4	4	1	9
Software and applications development and analysis	4	2	2	8
Sports	7			7
Environmental science	5	2		7
Food processing	6			6
Specialized management and administration		5		5
Psychology			5	5
Database and network design and administration	2	1	1	4
Finance, banking and insurance	2			2
Statistics	1	1		2
Literature and linguistics	2			2
Journalism and reporting		2		2
Political science and civics	1	1		2
Grand Total	**71**	**31**	**15**	**117**

TRAINING REQUIREMENTS BY FIELD OF TRAINING & MNQF LEVEL

TRAINING REQUIREMENTS BY FIELD OF TRAINING & MNQF LEVEL

■ MNQF-L1   ■ MNQF-L2   ■ MNQF-L3   ■ MNQF-L4   ■ MNQF-L5   ■ MNQF-L7   ■ MNQF-L8   ■ MNQF-L9   ■ MNQF-L10

Field of Training	MNQF-L1	MNQF-L2	MNQF-L3	MNQF-L4	MNQF-L5	MNQF-L7	MNQF-L8	MNQF-L9	MNQF-L10
POLITICAL SCIENCE AND CIVICS			1					1	
JOURNALISM AND REPORTING				2					
LITERATURE AND LINGUISTICS			2						
STATISTICS			1					1	
DATABASE AND NETWORK DESIGN AND ADMINISTRATION			1	1	1			1	
PSYCHOLOGY					5				
ENVIRONMENTAL SCIENCE			3			2		2	
SOFTWARE AND APPLICATIONS DEVELOPMENT AND ANALYSIS	1			5					
GENERAL MANAGEMENT AND ADMINISTRATION						2	1	6	
SPECIALIZED LAW					10				
PERSONAL SKILLS		2			5	1			
TRAVEL, TOURISM AND LEISURE			4			1		7	1

*Analysis is done using the data provided by the Ministry of Tourism

MINISTRY OF FISHERIES, MARINE RESOURCES AND AGRICULTURE

TRAINING REQUIREMENTS BY FIELD OF STUDY AND PRIORITY

Study Field	2021	2022	Grand Total
Fisheries	25	16	41
Agriculture	21	7	28
Statistics	6		6
Environmental science	6		6
Veterinary	3	1	4
Biochemistry	3		3
Horticulture	3		3
Biology	2		2
Earth science	2		2
Total	**71**	**24**	**95**

TRAINING REQUIREMENTS BY FIELD OF TRAINING & MNQF LEVEL
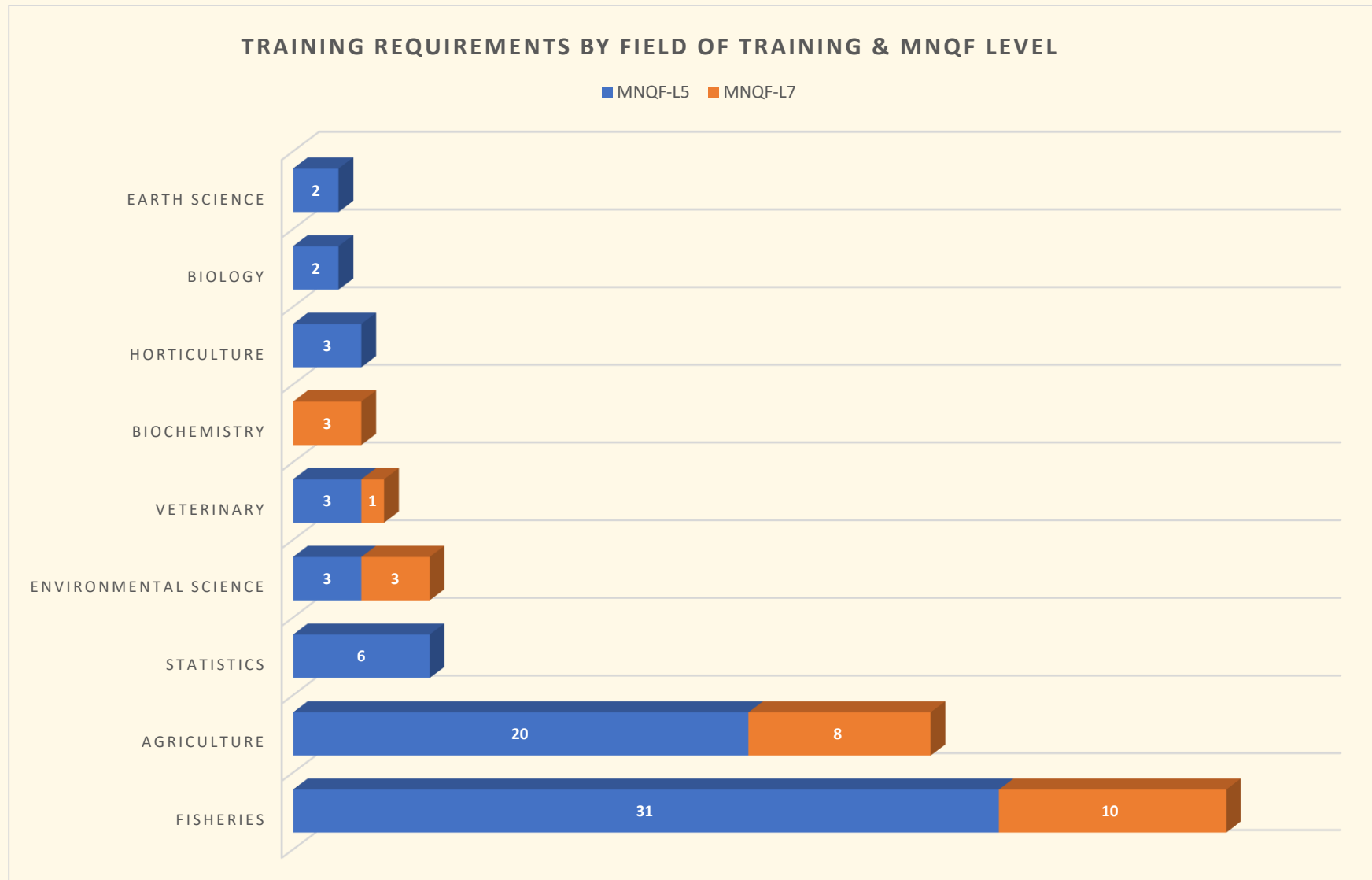
*Analysis is done using the data provided by the Ministry of Fisheries, Marine Resources and Agriculture

MINISTRY OF ENVIRONMENT

TRAINING REQUIREMENTS BY FIELD OF STUDY AND PRIORITY

Study Field	2021	2022	2023	2020	Grand Total
Environmental science	135	10		63	208
Electricity and energy	25	7	4		36
Earth science	22	6	5		33
Environment protection technology	17	4	1		22
Specialized management and administration	18		1		19
Building and civil engineering	9	1		7	17
General management and administration	9			5	14
Software and applications development and analysis	12				12
Sports	10				10
Others	6				6
Statistics	3	3			6
Accounting and taxation	5			1	6
Literature and linguistics	5				5
Specialized law	3	1			4
Finance, banking and insurance	4				4
Economics	3				3
Physics	3				3
Language acquisition	2				2
Electronics and automation	1		1		2
Personal skills	2				2
Law	1	1			2
Journalism and reporting	2				2
Chemistry		1			1
Political science and civics	1				1
Total	**298**	**34**	**12**	**76**	**420**

TRAINING REQUIREMENTS BY FIELD OF TRAINING & MNQF LEVEL

TRAINING REQUIREMENTS BY FIELD OF TRAINING & MNQF LEVEL

■ MNQF-L1   ■ MNQF-L3   ■ MNQF-L4   ■ MNQF-L6   ■ MNQF-L7   ■ MNQF-L9   ■ MNQF-L10

*Analysis is done using the data provided by the Ministry of Environment

Ministry of Arts, Culture and Heritage

TRAINING REQUIREMENTS BY FIELD OF STUDY AND PRIORITY

Study Field	2021	2022	2023	Grand Total
General management and administration	13	12	4	29
Library, information and archival studies	13	7	8	28
History and archaeology	7	7	3	17
Literature and linguistics	10	1	1	12
Database and network design and administration	7	1	1	9
Education science	1	3	1	5
Finance, banking and insurance	2	3		5
Journalism and reporting	1	2	2	5
Software and applications development and analysis		4		4
Specialized management and administration	4			4
Accounting and taxation	1	2	1	4
Audio-visual techniques and media production	4			4
Law	2	1		3
Political science and civics			2	2
Occupational health and safety	2			2
Marketing		1		1
Psychology			1	1
Sociology and cultural studies		1		1
Total	**67**	**45**	**24**	**136**

TRAINING REQUIREMENTS BY FIELD OF TRAINING & MNQF LEVEL

TRAINING REQUIREMENTS BY FIELD OF TRAINING & MNQF LEVEL

Legend: ■ MNQF-L4 ■ MNQF-L5 ■ MNQF-L6 ■ MNQF-L7 ■ MNQF-L8 ■ MNQF-L9

Field of Training	MNQF-L4	MNQF-L5	MNQF-L6	MNQF-L7	MNQF-L8	MNQF-L9
SOCIOLOGY AND CULTURAL STUDIES				1		
PSYCHOLOGY						1
MARKETING				1		
OCCUPATIONAL HEALTH AND SAFETY	2					
POLITICAL SCIENCE AND CIVICS				2		
LAW			1			2
AUDIO-VISUAL TECHNIQUES AND MEDIA PRODUCTION	2	2				
ACCOUNTING AND TAXATION				1		3
SPECIALIZED MANAGEMENT AND ADMINISTRATION	4					
SOFTWARE AND APPLICATIONS DEVELOPMENT AND ANALYSIS	2		1			1
JOURNALISM AND REPORTING	2	1		2		
FINANCE, BANKING AND INSURANCE	1	1	2			1
EDUCATION SCIENCE	2	1		1		1
DATABASE AND NETWORK DESIGN AND ADMINISTRATION		3	2	3	1	
LITERATURE AND LINGUISTICS		2	3	5		2
HISTORY AND ARCHAEOLOGY		2	2	12		1
LIBRARY, INFORMATION AND ARCHIVAL STUDIES		8	1	11		8
GENERAL MANAGEMENT AND ADMINISTRATION	10	12	1	2	2	2

*Analysis is done using the data provided by the Ministry of Arts, Culture and Heritage
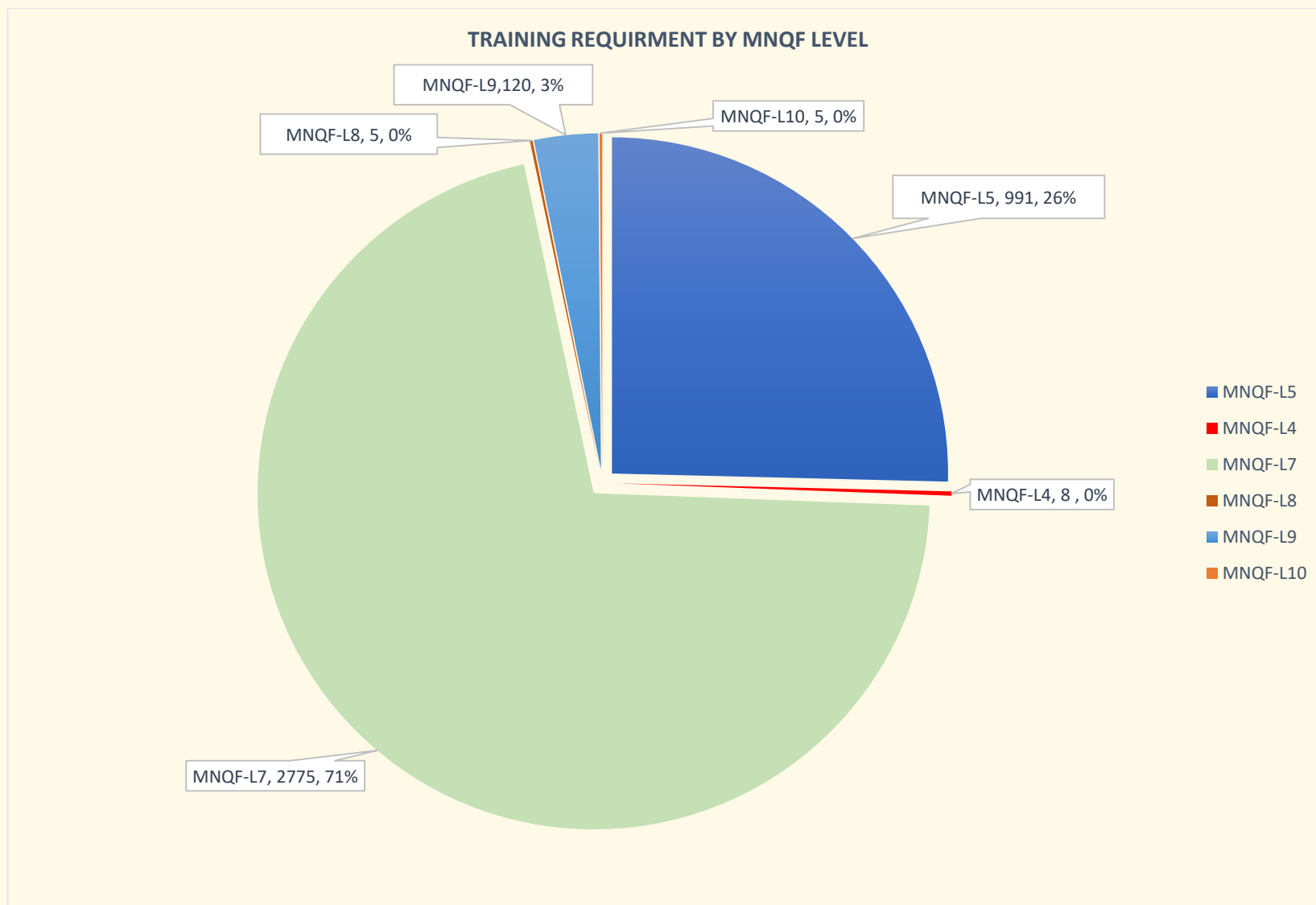
MINISTRY OF GENDER, FAMILY, AND SOCIAL SERVICES

TRAINING REQUIREMENTS BY FIELD OF STUDY AND PRIORITY

Study Field	2021	2022	2023	Grand Total
Child care and youth services	103	6		109
Care of the elderly and disabled adults	26	3	3	32
Finance, banking and insurance	19	9		28
General management and administration	4	13		17
Psychology	12	3		15
Social work and counselling	5	9		14
Sociology and cultural studies	6	3	3	12
Personal skills	8	3		11
Journalism and reporting		6		6
Statistics	3		2	5
Specialized law	3			3
Accounting and taxation	3			3
Database and network design and administration	3			3
Specialized management and administration		2		2
Audio-visual techniques and media production	2			2
Nursing and midwifery		2		2
Law	2			2
Grand Total	**199**	**59**	**8**	**266**

TRAINING REQUIREMENTS BY FIELD OF TRAINING & MNQF LEVEL

TRAINING REQUIREMENTS BY FIELD OF TRAINING & MNQF LEVEL

■ MNQF-L3   ■ MNQF-L4   ■ MNQF-L5   ■ MNQF-L6   ■ MNQF-L7   ■ MNQF-L9   ■ MNQF-L10

Field of Training	MNQF-L3	MNQF-L4	MNQF-L5	MNQF-L6	MNQF-L7	MNQF-L9	MNQF-L10
LAW						2	
NURSING AND MIDWIFERY					2		
AUDIO-VISUAL TECHNIQUES AND MEDIA PRODUCTION			2				
SPECIALIZED MANAGEMENT AND ADMINISTRATION					2		
DATABASE AND NETWORK DESIGN AND ADMINISTRATION			1			1	
ACCOUNTING AND TAXATION				2		1	
SPECIALIZED LAW						1	2
STATISTICS		3		2			
JOURNALISM AND REPORTING		3	3				
PERSONAL SKILLS		9					
SOCIOLOGY AND CULTURAL STUDIES		1			6	3	
SOCIAL WORK AND COUNSELLING				8	3	3	
PSYCHOLOGY			2		13		
GENERAL MANAGEMENT AND ADMINISTRATION		3	6		2		
FINANCE, BANKING AND INSURANCE		5	19		2	2	
CARE OF THE ELDERLY AND DISABLED ADULTS		20	2	3	6	1	
CHILD CARE AND YOUTH SERVICES	103		3		3		

*Analysis is done using the data provided by the Ministry of Gender, Family and Social Services

MINISTRY OF YOUTH, SPORTS, AND COMMUNITY EMPOWERMENT

TRAINING REQUIREMENTS BY FIELD OF STUDY AND PRIORITY

Study Field	2021	2022	Grand Total
Personal skills	53		53
Specialized management and administration	35	15	50
Child care and youth services	45		45
Sports	40		40
Audio-visual techniques and media production	12	14	26
Accounting and taxation	23		23
General management and administration	22		22
Social work and counselling	20		20
Finance, banking and insurance	16		16
Sociology and cultural studies	15		15
Wholesale and retail trade	14		14
Software and applications development and analysis	9	1	10
Database and network design and administration	9		9
Journalism and reporting	6		6
Language acquisition	6		6
Statistics	4		4
Grand Total	**329**	**30**	**359**

TRAINING REQUIREMENTS BY FIELD OF TRAINING & MNQF LEVEL

TRAINING REQUIREMENTS BY FIELD OF TRAINING & MNQF LEVEL

■ MNQF-L2   ■ MNQF-L3   ■ MNQF-L4   ■ MNQF-L5   ■ MNQF-L6

Field of Training	MNQF-L2	MNQF-L3	MNQF-L4	MNQF-L5	MNQF-L6
LANGUAGE ACQUISITION			6		
JOURNALISM AND REPORTING	3				
DATABASE AND NETWORK DESIGN AND ADMINISTRATION				3	3
SOFTWARE AND APPLICATIONS DEVELOPMENT AND ANALYSIS			3	3	
WHOLESALE AND RETAIL TRADE			7		
FINANCE, BANKING AND INSURANCE			7		
SOCIAL WORK AND COUNSELLING				15	5
GENERAL MANAGEMENT AND ADMINISTRATION		9		7	
ACCOUNTING AND TAXATION		7	14		
AUDIO-VISUAL TECHNIQUES AND MEDIA PRODUCTION				3	
SPORTS				14	10
SPECIALIZED MANAGEMENT AND ADMINISTRATION			4	9	6
PERSONAL SKILLS		13	3		

*Analysis is done using the data provided by the Ministry of Youth, Sports and Community Empowerment
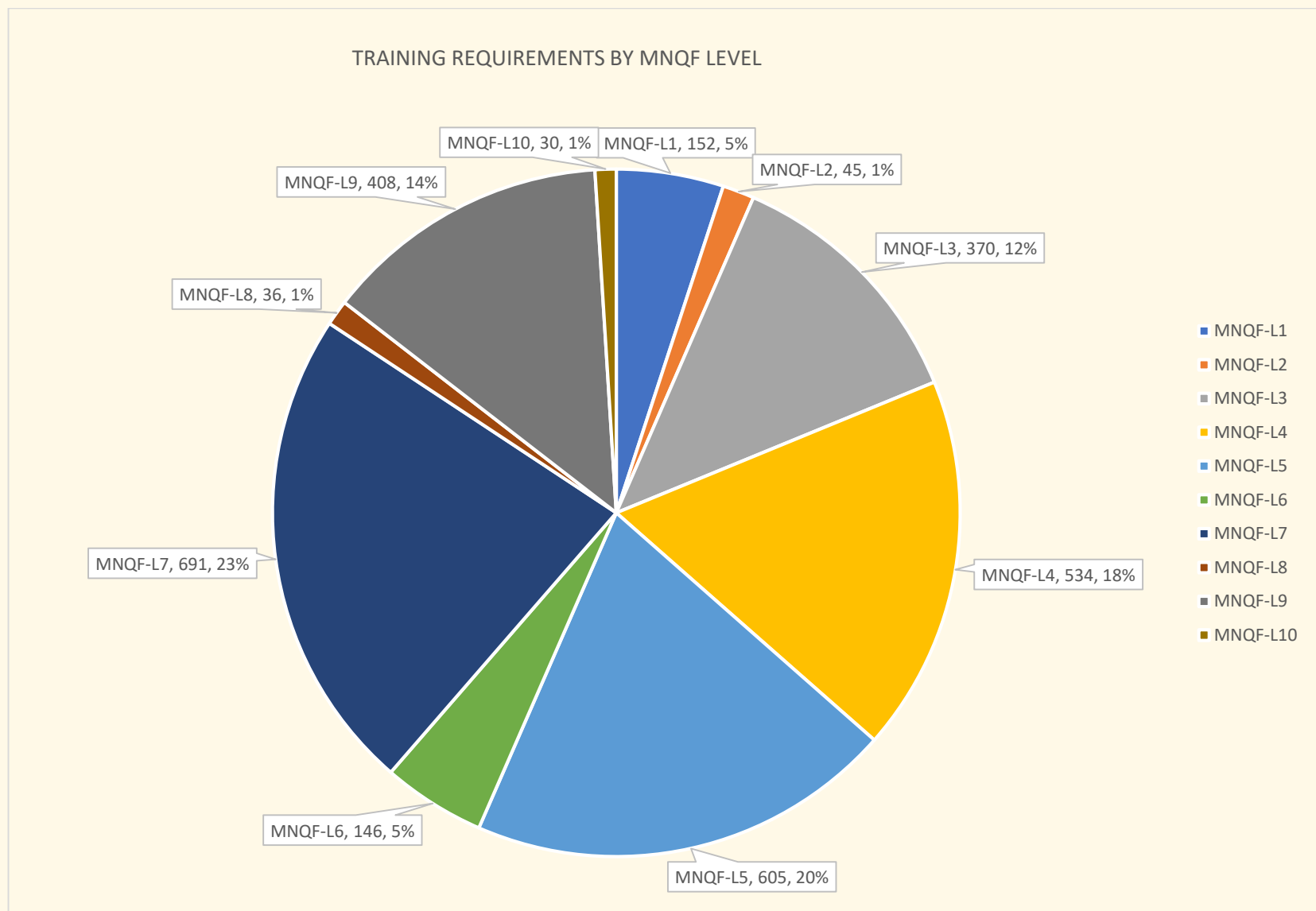
MINISTRY OF ISLAMIC AFFAIRS

TRAINING REQUIREMENTS BY FIELD OF STUDY AND PRIORITY

Study Field	2021	2022	2023	Grand Total
General management and administration	10	12	8	30
Database and network design and administration	8	9	11	28
Building and civil engineering	6	6	8	20
Education science	19			19
Finance, banking and insurance	9	5	4	18
Accounting and taxation	3	8	5	16
Personal skills	8			8
Library, information and archival studies	2	4	2	8
Electricity and energy	3	2	2	7
Political science and civics	2	3		5
Specialized management and administration	1	1	1	3
Law			1	1
Grand Total	**71**	**50**	**42**	**163**

TRAINING REQUIREMENTS BY FIELD OF TRAINING & MNQF LEVEL

TRAINING REQUIREMENTS BY FIELD OF TRAINING & MNQF LEVEL

Legend: ■ MNQF-L3 ■ MNQF-L4 ■ MNQF-L5 ■ MNQF-L7 ■ MNQF-L9

Field of Training	MNQF-L3	MNQF-L4	MNQF-L5	MNQF-L7	MNQF-L9
LAW	1				
SPECIALIZED MANAGEMENT AND ADMINISTRATION					3
POLITICAL SCIENCE AND CIVICS			2	2	1
ELECTRICITY AND ENERGY		2	4	1	
LIBRARY, INFORMATION AND ARCHIVAL STUDIES	1		4	3	
PERSONAL SKILLS		1			
ACCOUNTING AND TAXATION		2	6	4	4
FINANCE, BANKING AND INSURANCE	6		6	1	4
EDUCATION SCIENCE					2
BUILDING AND CIVIL ENGINEERING		4	10	6	
DATABASE AND NETWORK DESIGN AND ADMINISTRATION			20	5	
GENERAL MANAGEMENT AND ADMINISTRATION		2	12	5	11

*Analysis is done using the data provided by the Ministry of Islamic Affairs

MINISTRY OF EDUCATION

TRAINING REQUIREMENTS BY REGIONAL DISTRIBUTION
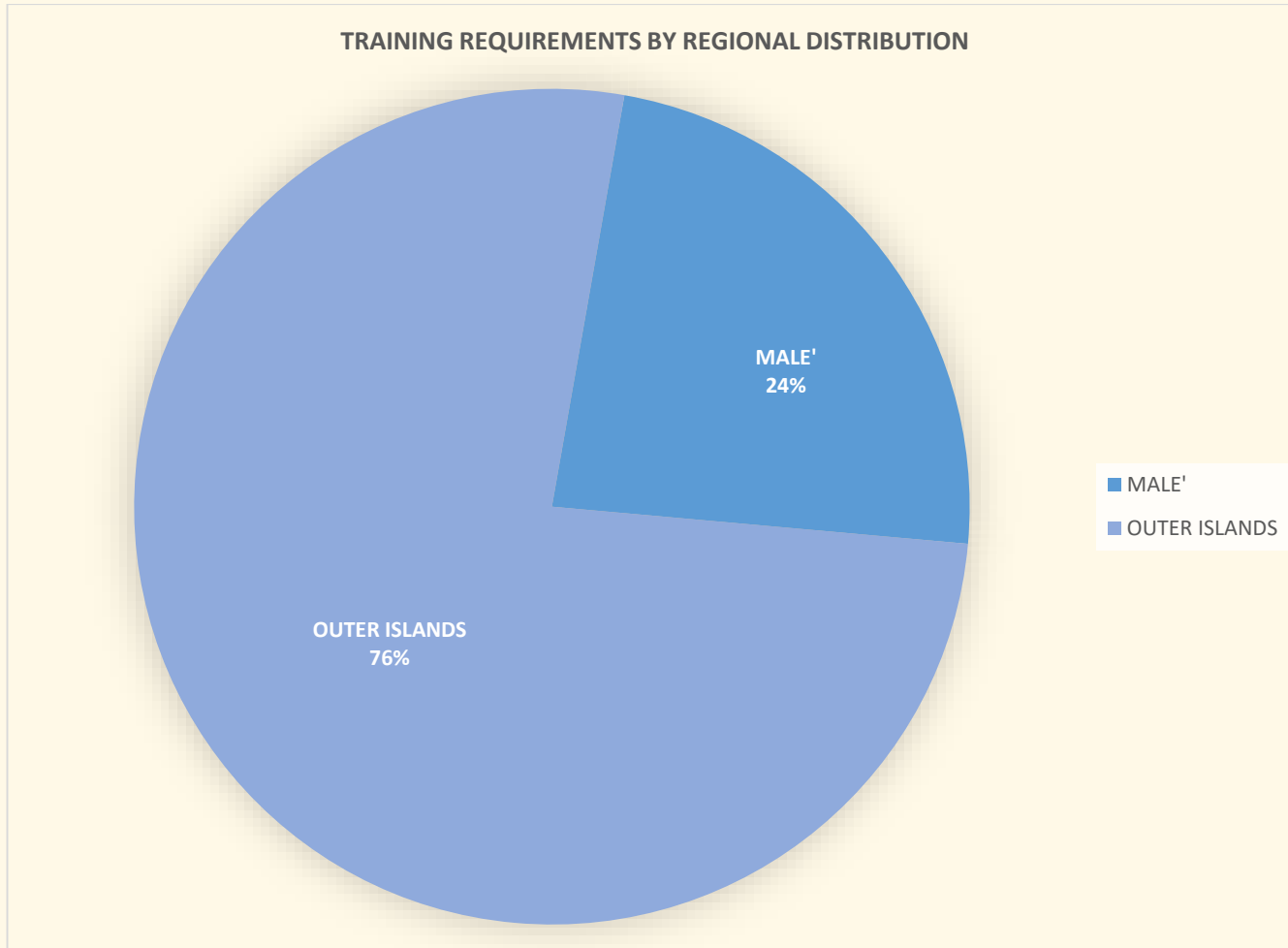
TRAINING REQUIREMENTS BY REGIONAL DISTRIBUTION

MALE'
24%

OUTER ISLANDS
76%

MALE'
OUTER ISLANDS

TRAINING REQUIREMENTS BY FIELD OF STUDY AND PRIORITY

Study Field	2021	2022	2023	Grand Total
Teacher training with subject specialization	891	915	906	2712
Specialized management and administration	87	42	46	175
Specialized law		2	2	4
Software and applications development and analysis	76	74	73	223
Social work and counselling	91	89	91	271
Political science and civics			2	2
Personal skills	119			119
Others	149	4	5	158
Occupational health and safety	15			15
Literature and linguistics	33			33
Library, information and archival studies	87	86	86	259
Language acquisition	47			47
Journalism and reporting	30			30
Finance, banking and insurance	14			14
Education science	3	6	1	10
Database and network design and administration	81			81
Child care and youth services	89	90	90	269
Building and civil engineering		2		2
Architecture and town planning	2			2
Accounting and taxation	3			3
Grand Total	**1817**	**1310**	**1302**	**4429**

TRAINING REQUIREMENTS FIELD OF TRAINING & BY MNQF LEVEL

TRAINING REQUIRMENT BY MNQF LEVEL

MNQF-L9,120, 3%

MNQF-L8, 5, 0%

MNQF-L10, 5, 0%

MNQF-L5, 991, 26%

MNQF-L4, 8 , 0%

MNQF-L7, 2775, 71%

- MNQF-L5
- MNQF-L4
- MNQF-L7
- MNQF-L8
- MNQF-L9
- MNQF-L10

Field of Study	MNQF L4	MNQF L5	MNQF L7	MNQF L8	MNQF L9	MNQF L10	Grand Total
Teacher training with subject specialization		32	2574		106		2712
Social work and counselling		212	59				271
Child care and youth services		212	57				269
Library, information and archival studies		212	47				259
Software and applications development and analysis		213	10				223
Specialized management and administration	8	107	5		12		175
Others		3	13				158
Personal skills							119
Database and network design and administration							81
Language acquisition							47
Literature and linguistics							33
Journalism and reporting			2				30
Occupational health and safety							15
Finance, banking and insurance							14
Education science				5		5	10
Specialized law			2		2		4
Accounting and taxation							3
Architecture and town planning			2				2
Building and civil engineering			2				2
Political science and civics			2				2
Grand Total	**8**	**991**	**2775**	**5**	**120**	**5**	**4429**

*Analysis is done using the data provided by the Ministry of Education

MINISTRY OF HEALTH

TRAINING REQUIREMENTS BY REGIONAL DISTRIBUTION
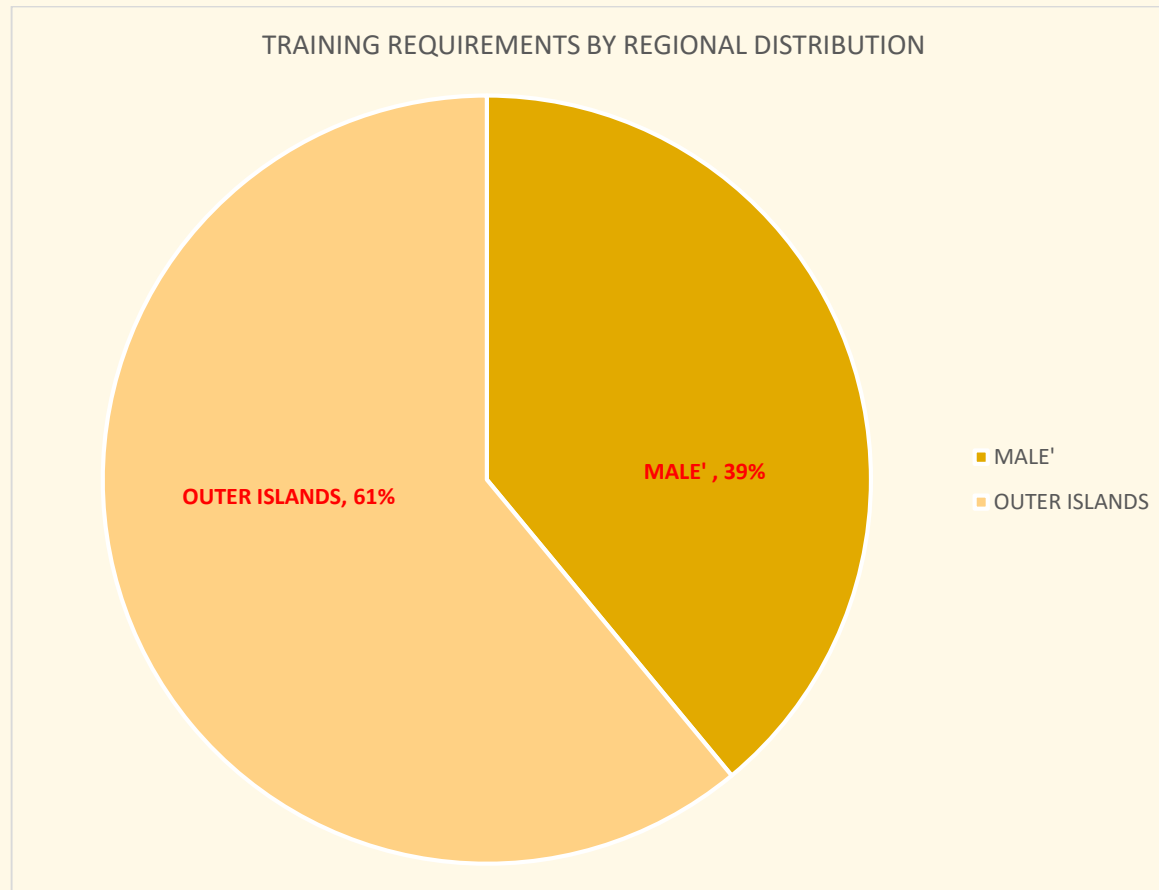
TRAINING REQUIREMENTS BY REGIONAL DISTRIBUTION

OUTER ISLANDS, 61%

MALE' , 39%

■ MALE'
■ OUTER ISLANDS

TRAINING REQUIREMENTS BY FIELD OF STUDY AND PRIORITY

Study Field	2021	2022	2023	Grand Total
Nursing and midwifery	562	263	243	1068
Personal skills	534	97	82	713
General management and administration	273	237	186	696
Medicine	314	122	61	497
Medical diagnostic and treatment technology	94	74	58	226
Occupational health and safety	47	33	52	132
Database and network design and administration	70	26	11	107
Dental studies	64	17	6	87
Specialized management and administration	33	25	25	83
Accounting and taxation	45	17	10	72
Therapy and rehabilitation	56	3	11	70
Electronics and automation	31	12	9	52
Social work and counselling	29	12	4	45
Food processing	13	12	20	45
Pharmacy	20	11	8	39
Biology	8	13	13	34
Finance, banking and insurance	22	4	5	31
Community sanitation	25		1	26
Statistics	8	6	9	23
Language acquisition	11	7	4	22
Software and applications development and analysis	17		4	21
Care of the elderly and disabled adults	16	1		17
Audio-visual techniques and media production	13	2		15

Protection of persons and property	11	1	2	14
Building and civil engineering	2	6	4	12
Mechanics and metal trades	6	2	3	11
Motor vehicles, ships and aircrafts	7	1	2	10
Specialized law	7	1	1	9
Psychology	6		3	9
Sports		8		8
Electricity and energy	2	2	2	6
Literature and linguistics	2	2	2	6
Biochemistry	4	2		6
Chemistry	2	3	1	6
Fisheries	2	2	2	6
Others	4			4
Child care and youth services	4			4
Sociology and cultural studies	3		1	4
Physics	3			3
Education science	1	2		3
History and archaeology			2	2
Architecture and town planning		1	1	2
Chemical engineering and processes	1			1
Transport services	1			1
Horticulture	1			1
Journalism and reporting	1			1
Veterinary		1		1
Political science and civics	1			1
Law	1			1
Grand Total	**2377**	**1028**	**848**	**4253**

TRAINING REQUIREMENTS BY FIELD OF TRAINING & BY MNQF LEVEL

TRAINING REQUIREMENTS BY MNQF LEVEL

MNQF-L10, 30, 1%   MNQF-L1, 152, 5%

MNQF-L2, 45, 1%

MNQF-L9, 408, 14%

MNQF-L3, 370, 12%

MNQF-L8, 36, 1%

MNQF-L7, 691, 23%

MNQF-L4, 534, 18%

MNQF-L6, 146, 5%

MNQF-L5, 605, 20%

- MNQF-L1
- MNQF-L2
- MNQF-L3
- MNQF-L4
- MNQF-L5
- MNQF-L6
- MNQF-L7
- MNQF-L8
- MNQF-L9
- MNQF-L10

Study Field	MNQF L1	MNQF L2	MNQF L3	MNQF L4	MNQF L5	MNQF L6	MNQF L7	MNQF L8	MNQF L9	MNQF L10	Grand Total
Nursing and midwifery	4	5	2	50	232	108	260	1	129	7	1068
Personal skills	85		138	254	43	10	13	1	4		713
General management and administration	5	8	77	57	138	11	115	5	56	1	696
Medicine	10	10	19	31			107	14	107	14	497
Medical diagnostic and treatment technology	12	14		5	26		54		18		226
Occupational health and safety	7		12	9	11		1		1		132
Database and network design and administration	1		31	11	29		17				107
Dental studies			10	2	8		10	10	20		87
Specialized management and administration			21	5	9		19	3	17	3	83
Accounting and taxation	3		5	11	20	6	19				72
Therapy and rehabilitation	10		3	1	4	4	12		20		70
Electronics and automation	1		9	23	14	2			1		52
Social work and counselling				12	9		14		3		45
Food processing							7		7		45
Pharmacy	1			1	10	2	5		2		39
Biology			1				12		4	1	34
Finance, banking and insurance			8	3	3	1	2		1		31
Community sanitation	1	2	3	20							26
Statistics			1	15	1		2		1		23
Language acquisition			6	3							22
Software and applications development and analysis			1	2	12		1				21
Care of the elderly and disabled adults	2		3		10						17
Audio-visual techniques and media production	2		7	1	3		2				15

Protection of persons and property	7		2		1		1				14
Building and civil engineering					7		3	1	1		12
Mechanics and metal trades			5	4	2						11
Motor vehicles, ships and aircrafts	1			5	3	1					10
Specialized law									4	2	9
Psychology					1	1	4		3		9
Sports		6					2				8
Electricity and energy					1	2	1	2			6
Literature and linguistics				6							6
Biochemistry					1		4		1		6
Chemistry										1	6
Fisheries											6
Others			4								4
Child care and youth services						4					4
Sociology and cultural studies									3	1	4
Physics											3
Education science						2			1		3
History and archaeology									2		2
Architecture and town planning							2				2
Chemical engineering and processes				1							1
Transport services			1								1
Horticulture			1								1
Journalism and reporting								1			1
Veterinary							1				1
Political science and civics									1		1
Law									1		1
Grand Total	**152**	**45**	**370**	**534**	**605**	**146**	**691**	**36**	**408**	**30**	**4253**

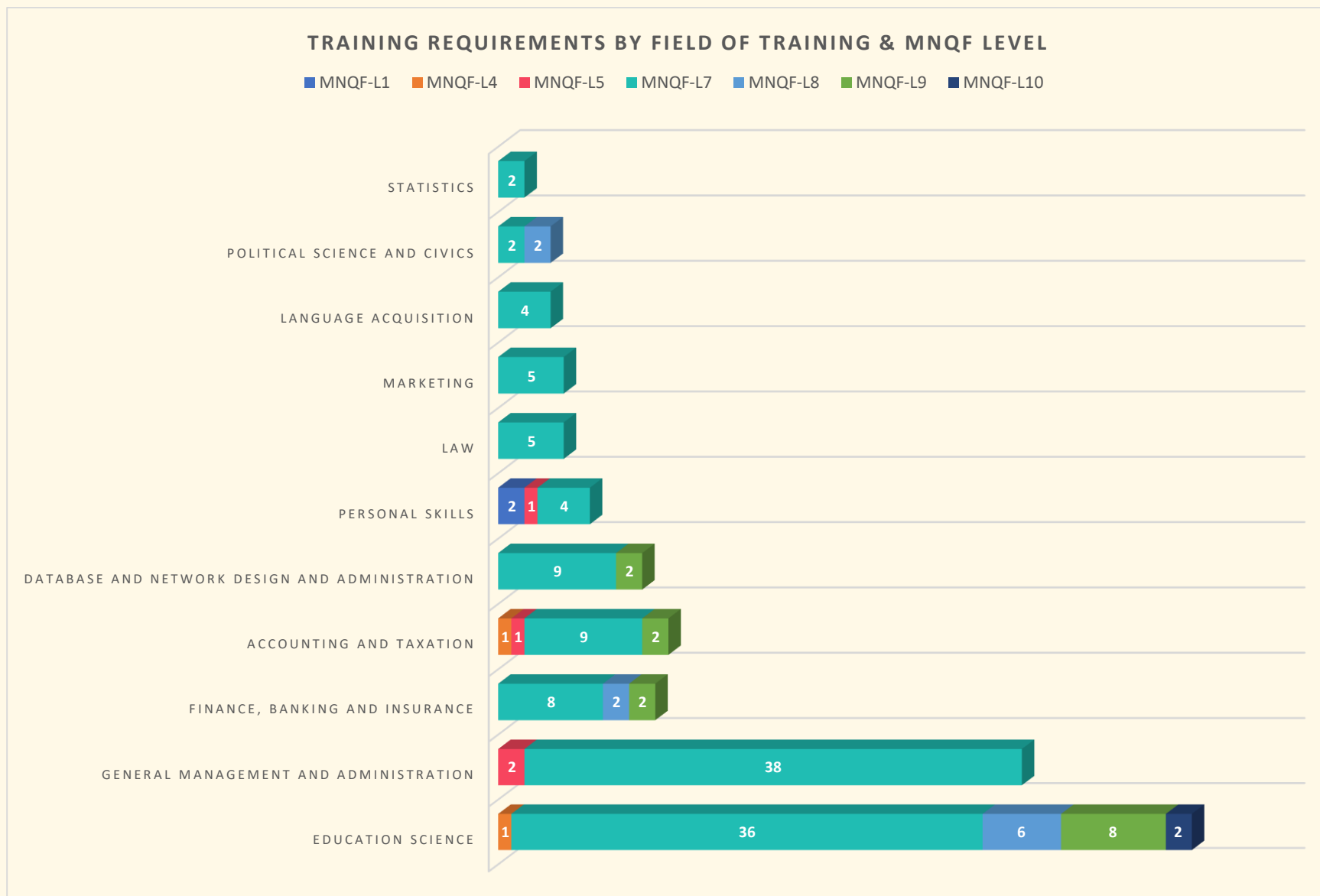*Analysis is done using the data provided by the Ministry of Health

Ministry of Higher Education

TRAINING REQUIREMENTS BY FIELD OF STUDY AND PRIORITY

Study Field	2021	2022	2023	Grand Total
Education science	23	21	15	59
General management and administration	26	16	2	44
Electronics and automation	18			18
Finance, banking and insurance	10	4		14
Accounting and taxation	6	5	2	13
Database and network design and administration	8	5		13
Mechanics and metal trades	13			13
Motor vehicles, ships and aircrafts	8			8
Personal skills	3	3	1	7
Law	4	2		6
Marketing	3	2		5
Language acquisition	2	2		4
Political science and civics	4			4
Statistics	2			2
Social work and counselling	2			2
Specialized law	1			1
Travel, tourism and leisure	1			1
Occupational health and safety	1			1
Sociology and cultural studies	1			1
Total	**136**	**60**	**20**	**216**

TRAINING REQUIREMENTS BY FIELD OF TRAINING & BY MNQF LEVEL

TRAINING REQUIREMENTS BY FIELD OF TRAINING & MNQF LEVEL

MNQF-L1   MNQF-L4   MNQF-L5   MNQF-L7   MNQF-L8   MNQF-L9   MNQF-L10

Field	Values
STATISTICS	2
POLITICAL SCIENCE AND CIVICS	2, 2
LANGUAGE ACQUISITION	4
MARKETING	5
LAW	5
PERSONAL SKILLS	2, 1, 4
DATABASE AND NETWORK DESIGN AND ADMINISTRATION	9, 2
ACCOUNTING AND TAXATION	1, 1, 9, 2
FINANCE, BANKING AND INSURANCE	8, 2, 2
GENERAL MANAGEMENT AND ADMINISTRATION	2, 38
EDUCATION SCIENCE	1, 36, 6, 8, 2

REFRENCES

http://uis.unesco.org/sites/default/files/documents/international-standard-classification-of-education-fields-of-education-and-training-2013-detailed-field-descriptions-2015-en.pdf