

ANTIAGING PRODUCTS AND SERVICES: THE GLOBAL MARKET



HLC060C
February 2016

Melissa Elder
Project Analyst

ISBN: 1-62296-233-8



BCC Research
49 Walnut Park, Building 2
Wellesley, MA 02481 USA
866-285-7215 (toll-free within the USA),
or (+1) 781-489-7301
www.bccresearch.com
information@bccresearch.com

TABLE OF CONTENTS

TOPIC	PAGE NO.
CHAPTER 1 INTRODUCTION	2
STUDY GOAL AND OBJECTIVES	2
REASONS FOR DOING THIS STUDY	2
CONTRIBUTION OF THE STUDY AND INTENDED AUDIENCE	3
SCOPE AND FORMAT	3
METHODOLOGY AND INFORMATION SOURCES	4
ANALYST'S CREDENTIALS	4
RELATED BCC RESEARCH REPORTS	4
BCC RESEARCH WEBSITE	5
DISCLAIMER	5
CHAPTER 2 SUMMARY	7
ANTI-AGING PRODUCT AND SERVICE MARKET SUMMARY	7
MAJOR FINDINGS	7
<i>SUMMARY TABLE GLOBAL SALES OF ANTI-AGING PRODUCTS AND SERVICES, THROUGH 2020 (\$ MILLIONS)</i>	8
<i>SUMMARY FIGURE GLOBAL SALES OF ANTI-AGING PRODUCTS AND SERVICES, 2013-2020 (\$ MILLIONS)</i>	8
CHAPTER 3 OVERVIEW	10
INDUSTRY OVERVIEW	10
ACRONYMS	10
THEORIES OF AGING	11
BIOLOGICAL THEORIES	12
PSYCHOLOGICAL THEORIES	12
AGING IN VARIOUS CULTURES	13
LIFE EXTENSION SCIENCE	13
EFFECTS OF AGING	13
THE SKIN (INTEGUMENTARY SYSTEM)	13
<i>TABLE 1 NUMBER OF CONSUMERS AFFECTED BY DIFFERENT SKIN CONDITIONS, BY REGION, 2015 (MILLIONS)</i>	15
DISEASES AND CONDITIONS AFFECTING THE ELDERLY POPULATION	15
<i>TABLE 2 MOST COMMON ILLNESSES IN THE OLDER AGE GROUP, 2015 (MILLIONS)</i>	15
Bone and Joint Conditions (The Musculoskeletal System)	16
Cardiovascular and Respiratory Conditions	17
Cardiovascular System	17
Respiratory System	19
Bone and Joint Conditions (The Musculoskeletal System)	19
Endocrine Disorders	21
Sexual Dysfunction	22
Urinary Incontinence	23
Eye Disorders	24
POPULATION DEMOGRAPHICS	25
GLOBAL DEMOGRAPHICS	25
<i>TABLE 3 GLOBAL POPULATION BY SELECTED AGE GROUP, 2010-2050 (MILLIONS)</i>	26
<i>FIGURE 1 GLOBAL POPULATION BY SELECTED AGE GROUP, 2010-2050 (MILLIONS)</i>	26

TOPIC	PAGE NO.
<i>TABLE 4 GLOBAL POPULATION AVERAGE GROWTH BY BROAD AGE GROUP, THROUGH 2050 (CAGR%)</i>	27
<i>FIGURE 2 GLOBAL POPULATION AVERAGE GROWTH BY BROAD AGE GROUP, 2010-2050 (%)</i>	27
<i>TABLE 5 GLOBAL POPULATION BY SELECTED COUNTRY, THROUGH 2020 (MILLIONS/%)</i>	28
<i>FIGURE 3 GLOBAL POPULATION BY SELECTED COUNTRY, 2010-2020 (MILLIONS)</i>	29
Global Life Expectancy	29
<i>TABLE 6 GLOBAL LIFE EXPECTANCY AT BIRTH BY SELECTED COUNTRY, 1980-2020 (YEARS)</i>	29
<i>FIGURE 4 GLOBAL LIFE EXPECTANCY AT BIRTH BY SELECTED COUNTRY, 1980-2020 (YEARS)</i>	30
ASPECTS OF THE ANTI-AGING MARKET	31
ANTI-AGING DEMAND VARIES WITH DEMOGRAPHICS	31
DEFINING ANTI-AGING MARKET STRUCTURE	31
<i>FIGURE 5 ANTI-AGING APPLICATIONS PYRAMID STRUCTURE</i>	31
ANTI-AGING PREVENTIVE HEALTHCARE MARKET VS. REACTIVE HEALTHCARE MARKET	32
<i>FIGURE 6 CHANGING APPROACH IN ANTI-AGING TREATMENT</i>	32
ANTI-AGING: REVERSAL OF DISEASE	32
DEFINING ANTI-AGING PRODUCTS AND SERVICES MARKETS	32
DEFINING THE ANTI-AGING TECHNOLOGY MARKET	33
CHAPTER 4 ANTI-AGING PRODUCT MARKET	35
PRODUCT MARKET OVERVIEW	35
<i>TABLE 7 GLOBAL ANTI-AGING PRODUCT MARKET BY TYPE, THROUGH 2020 (\$ MILLIONS)</i>	35
<i>FIGURE 7 GLOBAL ANTI-AGING PRODUCT MARKET BY TYPE, 2013-2020 (\$ MILLIONS)</i>	35
GLOBAL DEMAND FOR ANTI-AGING PRODUCTS	36
<i>TABLE 8 GLOBAL ANTI-AGING PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	36
<i>FIGURE 8 GLOBAL ANTI-AGING PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	36
ANTI-AGING APPEARANCE COSMETIC PRODUCTS MARKET	37
<i>TABLE 9 GLOBAL ANTI-AGING APPEARANCE COSMETIC PRODUCTS MARKET, THROUGH 2020 (\$ MILLIONS)</i>	37
<i>FIGURE 9 GLOBAL ANTI-AGING APPEARANCE COSMETIC PRODUCTS MARKET, 2013-2020 (\$ MILLIONS)</i>	37
GLOBAL DEMAND FOR ANTI-AGING APPEARANCE COSMETIC PRODUCTS	38
<i>TABLE 10 GLOBAL ANTI-AGING APPEARANCE COSMETIC PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	38
<i>FIGURE 10 GLOBAL ANTI-AGING APPEARANCE COSMETIC PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	38
LEADING MARKET SUPPLIERS FOR ANTI-AGING APPEARANCE COSMETIC PRODUCTS	39
<i>TABLE 11 LEADING SUPPLIERS FOR ANTI-AGING APPEARANCE COSMETIC PRODUCTS, SALES 2015 (%/\$ MILLIONS)</i>	39
<i>FIGURE 11 LEADING SUPPLIERS SHARES, ANTI-AGING APPEARANCE COSMETIC PRODUCTS, 2015 (%)</i>	39
ANTI-AGING SKIN CARE PRODUCTS	40

TOPIC	PAGE NO.
Market Summary	40
<i>TABLE 12 GLOBAL ANTI-AGING SKIN CARE PRODUCT MARKET BY SEGMENT, THROUGH 2020 (\$MILLIONS)</i>	41
<i>FIGURE 12 GLOBAL ANTI-AGING SKIN CARE PRODUCT MARKET BY SEGMENT, 2013-2020 (\$ MILLIONS)</i>	41
Market by Region	42
<i>TABLE 13 GLOBAL ANTI-AGING SKIN CARE PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	43
<i>FIGURE 13 GLOBAL ANTI-AGING SKIN CARE PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	43
ANTI-AGING FACIAL CARE PRODUCTS	43
Overview	43
Market Summary	44
<i>TABLE 14 GLOBAL ANTI-AGING FACE CARE PRODUCT MARKET, BY SEGMENT THROUGH 2020 (\$ MILLIONS)</i>	45
<i>FIGURE 14 GLOBAL ANTI-AGING FACE CARE PRODUCT MARKET, 2013-2020 (\$ MILLIONS)</i>	45
<i>TABLE 15 GLOBAL ANTI-AGING FACE CARE PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	46
<i>FIGURE 15 GLOBAL ANTI-AGING FACE CARE PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	46
Competitive Summary	47
Barriers to Entry	47
ANTI-WRINKLE PRODUCT MARKET	48
<i>TABLE 16 GLOBAL ANTI-WRINKLE PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	49
<i>FIGURE 16 GLOBAL ANTI-WRINKLE PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	49
Top Players and Products in Anti-aging Wrinkle Cream	50
<i>TABLE 17 LEADING COMPANIES WITH ANTI-WRINKLE PRODUCTS</i>	50
Anti-Aging Skin Firming/Tightening Product Market	51
<i>TABLE 18 GLOBAL SKIN FIRMING/TIGHTENING PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	51
<i>FIGURE 17 GLOBAL SKIN FIRMING/TIGHTENING PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	52
Injectables/Dermal Fillers	52
<i>TABLE 19 GLOBAL ANTI-AGING INJECTABLES/DERMAL FILLER PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	53
<i>FIGURE 18 GLOBAL ANTI-AGING INJECTABLES/DERMAL FILLER PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	53
Top Players and Products in Anti-Aging Injectables/Dermal Filler Market	53
Allergan	53
Anika Therapeutics	54
Galderma	54
Merz Pharma	55
Suneva Medical	55
Trends in Injectables and Dermal Fillers	56
Long-Lasting Formulations	56
Topical Anesthetic Combination Formulations	56

TOPIC	PAGE NO.
Topically Applied Botulinum Toxin Type A	56
Night Cream Market	56
<i>TABLE 20 GLOBAL NIGHT CREAM PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	57
<i>FIGURE 19 GLOBAL NIGHT CREAM PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	57
<i>TABLE 21 LEADING COMPANIES WITH NIGHT CREAM PRODUCTS</i>	57
Anti-aging Moisturizer Market	58
<i>TABLE 22 GLOBAL ANTI-AGING MOISTURIZER PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	59
<i>FIGURE 20 GLOBAL ANTI-AGING MOISTURIZER PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	59
Top Players and Products in the Anti-aging Moisturizer Market	59
<i>TABLE 23 LEADING COMPANIES WITH ANTI-AGING MOISTURIZER PRODUCTS</i>	59
MICRODERMABRASION SUPPLY AND KIT MARKET	60
<i>TABLE 24 GLOBAL MICRODERMABRASION PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	61
<i>FIGURE 21 GLOBAL MICRODERMABRASION PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	61
Top Players and Products in Microdermabrasion Market	61
<i>TABLE 25 MAJOR PRODUCTS; MICRODERMABRASION HOME KIT PRODUCTS</i>	62
ANTI-AGING MULTITASKING MARKET	62
Multiuse Skin Care Formulations Growing	63
<i>TABLE 26 GLOBAL ANTI-AGING MULTI-TASKING PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	63
<i>FIGURE 22 GLOBAL ANTI-AGING MULTI-TASKING PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	63
Top Players and Products in the Anti-Aging Multi-tasking Market	64
<i>TABLE 27 LEADING COMPANIES WITH MULTI-TASKING PRODUCTS</i>	64
CLEANSERS, TONERS AND OTHER PRODUCTS MARKET	64
<i>TABLE 28 GLOBAL ANTI-AGING SKIN CLEANSER, TONER AND OTHER PRODUCTS MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	65
<i>FIGURE 23 GLOBAL ANTI-AGING SKIN CLEANSER, TONER AND OTHER PRODUCTS MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	65
ANTI-AGING BODY AND HAND CARE MARKET	66
Overview	66
Market Summary	66
<i>TABLE 29 GLOBAL ANTI-AGING BODY AND HAND CARE PRODUCT MARKET BY SEGMENT, THROUGH 2020 (\$ MILLIONS)</i>	66
<i>FIGURE 24 GLOBAL ANTI-AGING BODY AND HAND CARE PRODUCT MARKET BY SEGMENT, 2013-2020 (\$ MILLIONS)</i>	66
<i>TABLE 30 GLOBAL ANTI-AGING BODY AND HAND CARE PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	67
<i>FIGURE 25 GLOBAL ANTI-AGING BODY AND HAND CARE PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	67
Hand Lotion and Moisturizer Market	68
<i>TABLE 31 GLOBAL HAND LOTION AND MOISTURIZER PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	68
<i>FIGURE 26 GLOBAL HAND LOTION AND MOISTURIZER PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	68

TOPIC	PAGE NO.
Top Players and Products in Hand Creams	69
<i>TABLE 32 HAND CREAM PRODUCTS</i>	69
Body Lotion and Moisturizer Market	70
<i>TABLE 33 GLOBAL BODY LOTION AND MOISTURIZER PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	70
<i>FIGURE 27 GLOBAL BODY LOTION AND MOISTURIZER PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	70
Top Players and Products in Body Lotion and Moisturizers	71
<i>TABLE 34 BODY CARE PRODUCTS: BODY LOTIONS, GELS, AND CREAMS</i>	71
Body Shaping/Cellulite/Skin Tightening Device Market	72
<i>TABLE 35 GLOBAL BODY SHAPING/CELLULITE/SKIN TIGHTENING DEVICES MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	73
<i>FIGURE 28 GLOBAL BODY SHAPING/CELLULITE/SKIN TIGHTENING DEVICES MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	73
Top Players and Products in Body Shaping/Cellulite/Skin Tightening Devices	73
<i>TABLE 36 BODY SHAPING/CELLULITE/SKIN TIGHTENING DEVICES</i>	74
ANTI-AGING MAKEUP PRODUCT MARKET	75
Overview	75
Market Summary	75
<i>TABLE 37 GLOBAL ANTI-AGING MAKEUP MARKET BY SEGMENT, THROUGH 2020 (\$ MILLIONS)</i>	75
<i>FIGURE 29 GLOBAL ANTI-AGING MAKEUP MARKET BY SEGMENT, 2013-2020 (\$ MILLIONS)</i>	76
<i>TABLE 38 GLOBAL ANTI-AGING MAKEUP MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	76
<i>FIGURE 30 GLOBAL ANTI-AGING MAKEUP MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	77
Anti-Aging Face Makeup Market	77
<i>TABLE 39 GLOBAL ANTI-AGING FACE MAKEUP MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	77
<i>FIGURE 31 GLOBAL ANTI-AGING FACE MAKEUP MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	78
Top Players in Anti-Aging Face Makeup	78
<i>TABLE 40 LEADING SUPPLIERS FACE MAKEUP PRODUCTS</i>	78
Anti-Aging Eye Makeup Market	79
<i>TABLE 41 GLOBAL ANTI-AGING EYE MAKEUP MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	79
<i>FIGURE 32 GLOBAL ANTI-AGING EYE MAKEUP MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	79
Top Players in Eye Makeup	80
<i>TABLE 42 LEADING SUPPLIERS OF EYE MAKEUP PRODUCTS</i>	80
Anti-Aging Lip Care Market	80
<i>TABLE 43 GLOBAL LIP CARE MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	81
<i>FIGURE 33 GLOBAL LIP CARE MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	81
Top Players in Lip Care	81
<i>TABLE 44 SUPPLIERS OF LIP CARE PRODUCTS</i>	82
ANTI-AGING SUN CARE PRODUCT MARKET	82
Overview	82
Market Summary	82

TOPIC	PAGE NO.
<i>TABLE 45 GLOBAL ANTI-AGING SUN CARE PRODUCT MARKET BY SEGMENT, THROUGH 2020 (\$ MILLIONS)</i>	83
<i>FIGURE 34 GLOBAL ANTI-AGING SUN CARE PRODUCT MARKET BY SEGMENT, 2013-2020 (\$ MILLIONS)</i>	83
<i>TABLE 46 GLOBAL ANTI-AGING SUN CARE PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	84
<i>FIGURE 35 GLOBAL ANTI-AGING SUN CARE PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	84
Sun Protection Market	85
<i>TABLE 47 GLOBAL SUN PROTECTION PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	85
<i>FIGURE 36 GLOBAL SUN PROTECTION PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	85
Top Players in Sun Protection	86
<i>TABLE 48 SUPPLIERS OF SUN PROTECTION PRODUCTS</i>	86
Self-Tanning Market	86
<i>TABLE 49 GLOBAL SELF-TANNING PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	87
<i>FIGURE 37 GLOBAL SELF-TANNING PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	87
Top Players in Self-Tanning	87
<i>TABLE 50 SUPPLIERS OF SELF-TANNING PRODUCTS</i>	88
After Sun Market	88
<i>TABLE 51 GLOBAL AFTER SUN PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	88
<i>FIGURE 38 GLOBAL AFTER SUN PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	88
Top Players in After Sun	89
<i>TABLE 52 SUPPLIERS OF AFTER SUN PRODUCTS</i>	89
ANTI-AGING HAIR CARE PRODUCTS	89
Market Summary	90
<i>TABLE 53 GLOBAL ANTI-AGING HAIR CARE PRODUCT MARKET, THROUGH 2020 (\$ MILLIONS)</i>	90
<i>FIGURE 39 GLOBAL ANTI-AGING HAIR CARE PRODUCT MARKET, 2013-2020 (\$ MILLIONS)</i>	90
Market by Region	91
<i>TABLE 54 GLOBAL ANTI-AGING HAIR CARE PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	91
<i>FIGURE 40 GLOBAL ANTI-AGING HAIR CARE PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	91
Anti-Aging Hair Color Market	92
<i>TABLE 55 GLOBAL ANTI-AGING HAIR COLOR PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	92
<i>FIGURE 41 GLOBAL ANTI-AGING HAIR COLOR PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	93
Top Players and Products in Anti-Aging Hair Color	93
<i>TABLE 56 SELECTED HAIR COLOR PRODUCT LINES</i>	93
Anti-Aging Hair Loss/Hair Growth Market	94
<i>TABLE 57 GLOBAL ANTI-AGING HAIR LOSS/HAIR GROWTH PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	94

TOPIC	PAGE NO.
<i>FIGURE 42 GLOBAL ANTI-AGING HAIR LOSS/HAIR GROWTH PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	95
Top Players and Products in Anti-Aging Hair Loss/Hair Growth	95
Surgical Treatment Trends: Hair Transplant/Restoration	96
ANTI-AGING DISEASE TREATMENT MARKET	96
<i>TABLE 58 GLOBAL ANTI-AGING DISEASE TREATMENT MARKET BY SEGMENT, THROUGH 2020 (\$ MILLIONS)</i>	97
<i>FIGURE 43 GLOBAL ANTI-AGING DISEASE TREATMENT MARKET BY SEGMENT, 2013-2020 (\$ MILLIONS)</i>	97
GLOBAL DEMAND FOR ANTI-AGING DISEASE TREATMENT PRODUCTS	98
<i>TABLE 59 GLOBAL ANTI-AGING DISEASE TREATMENT PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	98
<i>FIGURE 44 GLOBAL ANTI-AGING DISEASE TREATMENT PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	99
LEADING MARKET SUPPLIERS FOR ANTI-AGING DISEASE TREATMENT PRODUCTS	99
<i>TABLE 60 LEADING SUPPLIERS' SALES OF ANTI-AGING DISEASE TREATMENT PRODUCTS, 2015 (%/\$ MILLIONS)</i>	99
<i>FIGURE 45 LEADING SUPPLIERS' MARKET SHARES OF ANTI-AGING DISEASE TREATMENT PRODUCTS, 2015 (%)</i>	100
BONE AND JOINT CARE PRODUCTS	100
Arthritis	101
Osteoporosis	101
Market Summary	101
<i>TABLE 61 GLOBAL ANTI-AGING BONE AND JOINT PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	101
<i>FIGURE 46 GLOBAL ANTI-AGING BONE AND JOINT PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	102
Competitive Developments in Anti-aging Bone and Joint Products	102
<i>TABLE 62 LEADING DRUGS TO TREAT BONE AND JOINT DISEASES ASSOCIATED WITH AGING, 2014 (\$ BILLIONS)</i>	102
<i>FIGURE 47 LEADING DRUGS TO TREAT BONE AND JOINT DISEASES ASSOCIATED WITH AGING, 2014 (\$ BILLIONS)</i>	103
CARDIOVASCULAR AND RESPIRATORY PRODUCTS	103
Cardiovascular Diseases	103
Respiratory Diseases	103
Market Summary	104
<i>TABLE 63 GLOBAL ANTI-AGING CARDIOVASCULAR AND RESPIRATORY PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	104
<i>FIGURE 48 GLOBAL ANTI-AGING CARDIOVASCULAR AND RESPIRATORY PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	104
Competitive Developments in Anti-aging Cardiovascular and Respiratory Products	105
<i>TABLE 64 LEADING DRUGS TO TREAT CARDIOVASCULAR AND RESPIRATORY DISEASES ASSOCIATED WITH AGING, 2014 (\$ BILLIONS)</i>	105
<i>FIGURE 49 LEADING DRUGS TO TREAT CARDIOVASCULAR AND RESPIRATORY DISEASES ASSOCIATED WITH AGING, 2014 (\$BILLIONS)</i>	105
CENTRAL NERVOUS SYSTEM PRODUCTS	106
Alzheimer's Disease	106
Parkinson's Disease	106
Market Summary	107

TOPIC	PAGE NO.
<i>TABLE 65 GLOBAL ANTI-AGING CENTRAL NERVOUS SYSTEM PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	107
<i>FIGURE 50 GLOBAL ANTI-AGING CENTRAL NERVOUS SYSTEM PRODUCT MARKET BY REGION, 2013-2020 (\$MILLIONS)</i>	107
Competitive Developments in Anti-aging Central Nervous System Products	108
Alzheimer's Disease	108
Parkinson's Disease	108
<i>TABLE 66 LEADING DRUGS TO TREAT CNS DISORDERS ASSOCIATED WITH AGING, 2014 (\$ BILLIONS)</i>	108
<i>FIGURE 51 LEADING DRUGS TO TREAT CNS DISORDERS ASSOCIATED WITH AGING, 2014 (\$ BILLIONS)</i>	108
ENDOCRINE PRODUCTS	109
Overweight and Obesity	109
Diabetes	109
Menopause	110
Market Summary	110
<i>TABLE 67 GLOBAL ANTI-AGING ENDOCRINE PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	110
<i>FIGURE 52 GLOBAL ANTI-AGING ENDOCRINE PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	111
Competitive Developments in Anti-aging Endocrine Products	111
<i>TABLE 68 LEADING DRUGS FOR ENDOCRINE DISORDERS ASSOCIATED WITH AGING, 2014 (\$ BILLIONS)</i>	111
<i>FIGURE 53 LEADING DRUGS FOR ENDOCRINE DISORDERS ASSOCIATED WITH AGING, 2014 (\$ BILLIONS)</i>	112
SEXUAL DYSFUNCTION PRODUCTS	112
Market Summary	113
<i>TABLE 69 GLOBAL ANTI-AGING SEXUAL DYSFUNCTION PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	113
<i>FIGURE 54 GLOBAL ANTI-AGING SEXUAL DYSFUNCTION PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	113
Competitive Developments in Anti-aging Sexual Dysfunction Products	114
<i>TABLE 70 LEADING DRUGS FOR SEXUAL DYSFUNCTION ASSOCIATED WITH AGING, 2014 (\$ BILLIONS)</i>	114
<i>FIGURE 55 LEADING DRUGS FOR SEXUAL DYSFUNCTION ASSOCIATED WITH AGING, 2014 (\$ BILLIONS)</i>	114
URINARY INCONTINENCE	114
Market Summary	115
<i>TABLE 71 GLOBAL ANTI-AGING URINARY INCONTINENCE PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	115
<i>FIGURE 56 GLOBAL ANTI-AGING URINARY INCONTINENCE PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	115
Competitive Developments in Urinary Incontinence Products	116
<i>TABLE 72 LEADING DRUGS FOR URINARY INCONTINENCE, 2014 (\$ BILLIONS)</i>	116
<i>FIGURE 57 LEADING DRUGS FOR URINARY INCONTINENCE, 2014 (\$ BILLIONS)</i>	116
EYE CARE PRODUCTS	117
Glaucoma	117
Age-Related Macular Degeneration	117
Market Summary	117

TOPIC	PAGE NO.
<i>TABLE 73 GLOBAL ANTI-AGING EYE CARE PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	118
<i>FIGURE 58 GLOBAL ANTI-AGING EYE CARE PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	118
Competitive Developments in Anti-aging Eye Care Products	118
<i>TABLE 74 LEADING DRUGS TO TREAT EYE CONDITIONS ASSOCIATED WITH AGING, 2014 (\$ BILLIONS)</i>	119
<i>FIGURE 59 LEADING DRUGS TO TREAT EYE CONDITIONS ASSOCIATED WITH AGING, 2014 (\$ BILLIONS)</i>	119
CHAPTER 5 ANTI-AGING COSMETIC SERVICE MARKET	121
INTRODUCTION	121
INVASIVE PROCEDURES: DESCRIPTION OF PROCEDURES	121
Abdominoplasty	121
Blepharoplasty (Eyelid Surgery)	122
Breast Implants, Augmentation, Mastopexy and Reduction	122
Facelift	122
Forehead/Brow Lift	123
Liposuction	123
Rhinoplasty (Nose Surgery)	123
Other Procedures	123
NON-INVASIVE PROCEDURES: DESCRIPTION OF PROCEDURES	124
Botox	124
Hyaluronic Acid (HA)	124
Dermabrasion/Microdermabrasion	124
Chemical Peels	125
Other Injectable Procedures	126
Sclerotherapy	126
Laser Hair Removal	126
Hair Transplant/Restoration	127
MARKET SUMMARY	127
<i>TABLE 75 GLOBAL ANTI-AGING COSMETIC SURGERY SERVICE MARKET, BY SERVICE TYPE, THROUGH 2020 (\$ MILLIONS)</i>	128
<i>FIGURE 60 GLOBAL ANTI-AGING COSMETIC SURGERY SERVICE MARKET, BY SERVICE TYPE, 2013-2020 (\$ MILLIONS)</i>	128
<i>TABLE 76 GLOBAL ANTI-AGING COSMETIC TREATMENT MARKET BY SERVICE TYPE, THROUGH 2020 (\$ MILLIONS)</i>	129
<i>FIGURE 61 GLOBAL ANTI-AGING COSMETIC TREATMENT MARKET BY SERVICE TYPE, 2013-2020 (\$ MILLIONS)</i>	129
MARKET BY REGION	129
<i>TABLE 77 GLOBAL ANTI-AGING COSMETIC SERVICE MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)</i>	130
<i>FIGURE 62 GLOBAL ANTI-AGING COSMETIC SERVICE MARKET BY REGION, 2013-2020 (\$ MILLIONS)</i>	130
UNITED STATES	131
<i>FIGURE 63 GROWTH IN U.S. COSMETIC PROCEDURES BY TYPE, 2012-2014 (NO. OF PROCEDURES)</i>	131
<i>TABLE 78 NUMBER OF U.S. COSMETIC PROCEDURES BY AGE, 2014 (THOUSANDS/%)</i>	131
<i>FIGURE 64 DISTRIBUTION OF U.S. COSMETIC PROCEDURES BY AGE, 2014 (%)</i>	132
U.S. Market Summary	132

TOPIC	PAGE NO.
<i>TABLE 79 U.S. ANTI-AGING COSMETIC TREATMENT MARKET BY SERVICE TYPE, THROUGH 2020 (\$ MILLIONS)</i>	133
<i>FIGURE 65 U.S. ANTI-AGING COSMETIC TREATMENT MARKET BY SERVICE TYPE, 2013-2020 (\$ MILLIONS)</i>	133
BRAZIL	133
Brazil Market Summary	134
<i>TABLE 80 BRAZIL ANTI-AGING COSMETIC TREATMENT MARKET BY SERVICE TYPE, THROUGH 2020 (\$ MILLIONS)</i>	134
<i>FIGURE 66 BRAZIL ANTI-AGING COSMETIC TREATMENT MARKET BY SERVICE TYPE, 2013-2020 (\$ MILLIONS)</i>	134
JAPAN	135
Japan Market Summary	135
<i>TABLE 81 JAPAN ANTI-AGING COSMETIC TREATMENT MARKET BY SERVICE TYPE, THROUGH 2020 (\$ MILLIONS)</i>	135
<i>FIGURE 67 JAPAN ANTI-AGING COSMETIC TREATMENT MARKET BY SERVICE TYPE, 2013-2020 (\$ MILLIONS)</i>	135
GERMANY	136
Germany Market Summary	136
<i>TABLE 82 GERMANY ANTI-AGING COSMETIC TREATMENT MARKET BY SERVICE TYPE, THROUGH 2020 (\$ MILLIONS)</i>	136
<i>FIGURE 68 GERMANY ANTI-AGING COSMETIC TREATMENT MARKET BY SERVICE TYPE, 2013-2020 (\$ MILLIONS)</i>	136
OTHER COUNTRIES	137
Argentina	137
China	137
India	137
South Korea	138
Mexico	138
United Kingdom	138
CHAPTER 6 ISSUES AFFECTING THE MARKET	140
IMPACT OF ECONOMIC DIP ON CONSUMER SPENDING TRENDS	140
<i>FIGURE 69 U.S. PERSONAL CONSUMPTION EXPENDITURES BY PERSONAL CARE SEGMENT, 1970-2020 (\$ MILLIONS)</i>	140
<i>FIGURE 70 DISTRIBUTION OF U.S. PERSONAL CONSUMPTION EXPENDITURES BY PERSONAL CARE PRODUCTS (%)</i>	141
<i>FIGURE 71 DISTRIBUTION OF U.S. PERSONAL CONSUMPTION EXPENDITURES BY PERSONAL CARE SERVICES (%)</i>	141
MEDICAL TOURISM AND COSMETIC PROCEDURES	142
<i>TABLE 83 JOINT COMMISSION INTERNATIONAL, NUMBER OF ACCREDITED PROGRAMS BY COUNTRY, 2015* (\$ MILLIONS)</i>	143
<i>TABLE 84 AVERAGE COST OF COSMETIC PROCEDURES IN THE U.S. AND INTERNATIONAL COUNTRIES, 2010-2015 AVERAGE ESTIMATES (\$)</i>	144
THE SPA INDUSTRY	144
<i>TABLE 85 U.S. SPA VISITATION STATISTICS AND GENERATED REVENUES 2005-2014</i>	145
MEDICAL SPAS	145
THE DIGITAL EVOLUTION IN PERSONAL CARE	146
Innovative Examples of Digital Personal Care Experiences	146

TOPIC	PAGE NO.
CHAPTER 7 TECHNOLOGY	148
ADVANCED COSMETIC TECHNOLOGIES	148
LASER/ENERGY-BASED COSMETIC TREATMENTS	148
TOP COSMETIC LASER COMPANIES	148
Syneron Medical	148
Cynosure	149
Lumenis	150
Cutera	150
Zeltiq Aesthetics	150
SALES BY LEADING COSMETIC LASER COMPANIES	151
<i>TABLE 86 TOP COSMETIC LASER COMPANY SALES, 2014 (\$ MILLIONS)</i>	151
<i>FIGURE 72 TOP COSMETIC LASER COMPANY SALES, 2014 (\$ MILLIONS)</i>	151
INNOVATION IN RADIO FREQUENCY COSMETIC SOLUTIONS	152
LED-BASED LASER COSMETIC TREATMENTS COMMERCIALIZED FOR HOME USE AESTHETIC PROCEDURES	152
BREAKTHROUGHS IN TECHNOLOGY	153
ULTRASHAPE TECHNOLOGY	153
NONCUTTING DOUBLE EYELIDS	153
APPROACHES TO DISEASE MANAGEMENT	153
ENDOCRINE DISEASES	153
Diabetes	154
WEIGHT LOSS	154
ALZHEIMER'S DISEASE	154
BONE AND JOINT HEALTH	154
CARDIOVASCULAR DISEASE	155
Stem Cell Therapy	155
Regenerative Technology: Tissue Engineering and Stem Cells	155
Gene Therapy	155
PATENT EVALUATION	156
OVERVIEW	156
SEARCH PARAMETERS	156
PATENTS	157
<i>TABLE 87 ANTI-AGING RELATED PRODUCT PATENTS GRANTED BY UNITED STATES PATENT OFFICE BY DECADE, 1976-2015 (NO. OF PATENTS)</i>	157
<i>FIGURE 73 ANTI-AGING RELATED PRODUCT PATENTS GRANTED BY UNITED STATES PATENT OFFICE BY DECADE, 1976-2015 (NO. OF PATENTS)</i>	157
<i>TABLE 88 ANTI-AGING RELATED PRODUCT PATENTS BY SEGMENT, 2011-2015 (NO. OF PATENTS)</i>	158
<i>FIGURE 74 ANTI-AGING RELATED PRODUCT PATENTS BY SEGMENT, 2011-2015 (NO. OF PATENTS)</i>	158
COMPANY ACTIVITY FOR ANTI-AGING PATENTS	159
<i>TABLE 89 ANTI-AGING PRODUCT PATENTS BY SELECTED ASSIGNEE, 2011-2015 (NO. OF PATENTS)</i>	159
CHAPTER 8 MARKET OVERVIEW	162
PRODUCTS AND SERVICES MARKET SUMMARY	162
<i>TABLE 90 GLOBAL SALES OF ANTI-AGING PRODUCTS AND SERVICES, THROUGH 2020 (\$ MILLIONS)</i>	162

TOPIC	PAGE NO.
<i>FIGURE 75 GLOBAL SALES OF ANTI-AGING PRODUCTS AND SERVICES, 2013-2020 (\$ MILLIONS)</i>	162
<i>TABLE 91 GLOBAL SALES OF ANTI-AGING PRODUCTS AND SERVICES BY REGION THROUGH 2020 (\$ MILLIONS)</i>	163
<i>FIGURE 76 GLOBAL SALES OF ANTI-AGING PRODUCTS AND SERVICES BY REGION, 2013-2020 (\$ MILLIONS)</i>	163
CHAPTER 9 COMPANY TRENDS AND PROFILES	166
COMPANY ACQUISITIONS, COLLABORATIONS AND ALLIANCES	166
PALOMAR MEDICAL TECHNOLOGIES AND JOHNSON & JOHNSON CONSUMER COMPANIES	166
ALLERGAN AND GROUPE CORNÉAL LABORATORIES	166
ALLERGAN AND CLINIQUE	166
SYNERON AND CANDELA CORP.	167
SYNERON AND PHAROS LIFE CORP.	167
CUTERA INC. AND IRIDEX	167
SYNERON AND ULTRASHAPE LTD.	167
VALEANT PHARMACEUTICALS AND MEDICIS PHARMACEUTICALS	167
LOREAL AND NESTLE	167
GALDERMA LABORATORIES LP AND VALEANT PHARMACEUTICALS	168
WALGREENS CO. AND ALLIANCE BOOTS GMBH	168
COMPANY PROFILES	168
ABBVIE	168
BEIERSDORF AG	168
CLARINS PARIS	169
CUTERA INC.	170
CYNOSURE INC.	170
ESTEE LAUDER COMPANIES INC.	171
JOHNSON & JOHNSON	171
LOREAL S.A.	172
LUMENIS LTD.	173
MARY KAY	174
MERCK & COMPANY INC.	174
PFIZER INC.	175
PROCTER & GAMBLE CO.	175
REVLON INC.	176
SHISEIDO COMPANY LTD.	176
SYNERON MEDICAL LTD.	177
UNILEVER	178
WALGREENS BOOTS ALLIANCE INC.	178
CHAPTER 10 APPENDIX	181
KEY SOURCES OF INFORMATION	181
ABBVIE	181
ALGENIST	181
ALLERGAN PLC	181
ALMA LASERS INC.	181
AMGEN INC.	181

TOPIC	PAGE NO.
ANIKA THERAPEUTICS INC.	181
ANTERIOS INC.	182
ASTRAZENECA PLC	182
AVON PRODUCTS INC.	182
BAUSCH & LOMB INC.	182
BAYER AG	182
BEIERSDORF AG	182
BOEHRINGER INGELHEIM GMBH	182
BRISTOL-MYERS SQUIBB CO.	183
CHANEL INC.	183
CHRISTIAN DIOR S.A.	183
CUTERA INC.	183
CYNOSURE INC.	183
DR. BRANDT SKINCARE	183
ELI LILLY & CO.	183
ELIZABETH ARDEN INC.	184
ELLA BACHÉ	184
ESTÉE LAUDER COMPANIES INC.	184
GALDERMA SA	184
GLAXOSMITHKLINE PLC	184
HENKEL AG & CO. KGAA	184
IPSEN PHARMA	185
IRIDEX CORP.	185
ISOMERS LABORATORIES INC.	185
JAN MARINI SKIN RESEARCH INC.	185
JOHNSON & JOHNSON	185
KAO CORP.	185
L'ORÉAL S.A.	185
LPG SYSTEMS	186
LUMENIS LTD.	186
MERCK & COMPANY INC.	186
MERZ GMBH & CO KGAA	186
NEOSTRATA CO. INC.	186
NOVARTIS INTERNATIONAL AG	186
ORIFLAME HOLDING AG	187
ORLANE PARIS	187
PETER LAMAS	187
PFIZER INC.	187
PROCTER & GAMBLE CO.	187
RECKITT BENCKISER GROUP PLC	187
REVANCE THERAPEUTICS INC.	188
REVLON INC.	188
ROBANDA INTERNATIONAL INC.	188
ROCHE	188
SEDERMA	188
SHISEIDO COMPANY LTD.	188
SOLTA MEDICAL INC.	188

TOPIC	PAGE NO.
STIEFEL LABORATORIES INC.	189
SUNIVA MEDICAL INC.	189
SYBARITIC INC.	189
SYNERON MEDICAL LTD.	189
TEVA PHARMACEUTICAL INDUSTRIES LTD.	189
TOPIX PHARMACEUTICALS INC.	189
UNILEVER	190
WALGREENS BOOTS ALLIANCE INC.	190
ZELTIQ AESTHETICS INC.	190

LIST OF TABLES

TABLE HEADING	PAGE NO.
SUMMARY TABLE GLOBAL SALES OF ANTI-AGING PRODUCTS AND SERVICES, THROUGH 2020 (\$ MILLIONS)	8
TABLE 1 NUMBER OF CONSUMERS AFFECTED BY DIFFERENT SKIN CONDITIONS, BY REGION, 2015 (MILLIONS)	15
TABLE 2 MOST COMMON ILLNESSES IN THE OLDER AGE GROUP, 2015 (MILLIONS)	15
TABLE 3 GLOBAL POPULATION BY SELECTED AGE GROUP, 2010-2050 (MILLIONS)	26
TABLE 4 GLOBAL POPULATION AVERAGE GROWTH BY BROAD AGE GROUP, THROUGH 2050 (CAGR%)	27
TABLE 5 GLOBAL POPULATION BY SELECTED COUNTRY, THROUGH 2020 (MILLIONS/%)	28
TABLE 6 GLOBAL LIFE EXPECTANCY AT BIRTH BY SELECTED COUNTRY, 1980-2020 (YEARS)	29
TABLE 7 GLOBAL ANTI-AGING PRODUCT MARKET BY TYPE, THROUGH 2020 (\$ MILLIONS)	35
TABLE 8 GLOBAL ANTI-AGING PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	36
TABLE 9 GLOBAL ANTI-AGING APPEARANCE COSMETIC PRODUCTS MARKET, THROUGH 2020 (\$ MILLIONS)	37
TABLE 10 GLOBAL ANTI-AGING APPEARANCE COSMETIC PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	38
TABLE 11 LEADING SUPPLIERS FOR ANTI-AGING APPEARANCE COSMETIC PRODUCTS, SALES 2015 (%/\$ MILLIONS)	39
TABLE 12 GLOBAL ANTI-AGING SKIN CARE PRODUCT MARKET BY SEGMENT, THROUGH 2020 (\$MILLIONS)	41
TABLE 13 GLOBAL ANTI-AGING SKIN CARE PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	43
TABLE 14 GLOBAL ANTI-AGING FACE CARE PRODUCT MARKET, BY SEGMENT THROUGH 2020 (\$ MILLIONS)	45
TABLE 15 GLOBAL ANTI-AGING FACE CARE PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	46
TABLE 16 GLOBAL ANTI-WRINKLE PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	49
TABLE 17 LEADING COMPANIES WITH ANTI-WRINKLE PRODUCTS	50
TABLE 18 GLOBAL SKIN FIRMING/TIGHTENING PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	51
TABLE 19 GLOBAL ANTI-AGING INJECTABLES/DERMAL FILLER PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	53
TABLE 20 GLOBAL NIGHT CREAM PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	57
TABLE 21 LEADING COMPANIES WITH NIGHT CREAM PRODUCTS	57
TABLE 22 GLOBAL ANTI-AGING MOISTURIZER PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	59
TABLE 23 LEADING COMPANIES WITH ANTI-AGING MOISTURIZER PRODUCTS	59
TABLE 24 GLOBAL MICRODERMABRASION PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	61
TABLE 25 MAJOR PRODUCTS; MICRODERMABRASION HOME KIT PRODUCTS	62
TABLE 26 GLOBAL ANTI-AGING MULTI-TASKING PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	63
TABLE 27 LEADING COMPANIES WITH MULTI-TASKING PRODUCTS	64
TABLE 28 GLOBAL ANTI-AGING SKIN CLEANSER, TONER AND OTHER PRODUCTS MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	65

TABLE HEADING	PAGE NO.
TABLE 29 GLOBAL ANTI-AGING BODY AND HAND CARE PRODUCT MARKET BY SEGMENT, THROUGH 2020 (\$ MILLIONS)	66
TABLE 30 GLOBAL ANTI-AGING BODY AND HAND CARE PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	67
TABLE 31 GLOBAL HAND LOTION AND MOISTURIZER PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	68
TABLE 32 HAND CREAM PRODUCTS	69
TABLE 33 GLOBAL BODY LOTION AND MOISTURIZER PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	70
TABLE 34 BODY CARE PRODUCTS: BODY LOTIONS, GELS, AND CREAMS	71
TABLE 35 GLOBAL BODY SHAPING/CELLULITE/SKIN TIGHTENING DEVICES MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	73
TABLE 36 BODY SHAPING/CELLULITE/SKIN TIGHTENING DEVICES	74
TABLE 37 GLOBAL ANTI-AGING MAKEUP MARKET BY SEGMENT, THROUGH 2020 (\$ MILLIONS)	75
TABLE 38 GLOBAL ANTI-AGING MAKEUP MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	76
TABLE 39 GLOBAL ANTI-AGING FACE MAKEUP MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	77
TABLE 40 LEADING SUPPLIERS FACE MAKEUP PRODUCTS	78
TABLE 41 GLOBAL ANTI-AGING EYE MAKEUP MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	79
TABLE 42 LEADING SUPPLIERS OF EYE MAKEUP PRODUCTS	80
TABLE 43 GLOBAL LIP CARE MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	81
TABLE 44 SUPPLIERS OF LIP CARE PRODUCTS	82
TABLE 45 GLOBAL ANTI-AGING SUN CARE PRODUCT MARKET BY SEGMENT, THROUGH 2020 (\$ MILLIONS)	83
TABLE 46 GLOBAL ANTI-AGING SUN CARE PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	84
TABLE 47 GLOBAL SUN PROTECTION PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	85
TABLE 48 SUPPLIERS OF SUN PROTECTION PRODUCTS	86
TABLE 49 GLOBAL SELF-TANNING PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	87
TABLE 50 SUPPLIERS OF SELF-TANNING PRODUCTS	88
TABLE 51 GLOBAL AFTER SUN PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	88
TABLE 52 SUPPLIERS OF AFTER SUN PRODUCTS	89
TABLE 53 GLOBAL ANTI-AGING HAIR CARE PRODUCT MARKET, THROUGH 2020 (\$ MILLIONS)	90
TABLE 54 GLOBAL ANTI-AGING HAIR CARE PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	91
TABLE 55 GLOBAL ANTI-AGING HAIR COLOR PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	92
TABLE 56 SELECTED HAIR COLOR PRODUCT LINES	93
TABLE 57 GLOBAL ANTI-AGING HAIR LOSS/HAIR GROWTH PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	94
TABLE 58 GLOBAL ANTI-AGING DISEASE TREATMENT MARKET BY SEGMENT, THROUGH 2020 (\$ MILLIONS)	97
TABLE 59 GLOBAL ANTI-AGING DISEASE TREATMENT PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	98

TABLE HEADING	PAGE NO.
TABLE 60 LEADING SUPPLIERS' SALES OF ANTI-AGING DISEASE TREATMENT PRODUCTS, 2015 (%/\$ MILLIONS)	99
TABLE 61 GLOBAL ANTI-AGING BONE AND JOINT PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	101
TABLE 62 LEADING DRUGS TO TREAT BONE AND JOINT DISEASES ASSOCIATED WITH AGING, 2014 (\$ BILLIONS)	102
TABLE 63 GLOBAL ANTI-AGING CARDIOVASCULAR AND RESPIRATORY PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	104
TABLE 64 LEADING DRUGS TO TREAT CARDIOVASCULAR AND RESPIRATORY DISEASES ASSOCIATED WITH AGING, 2014 (\$ BILLIONS)	105
TABLE 65 GLOBAL ANTI-AGING CENTRAL NERVOUS SYSTEM PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	107
TABLE 66 LEADING DRUGS TO TREAT CNS DISORDERS ASSOCIATED WITH AGING, 2014 (\$ BILLIONS)	108
TABLE 67 GLOBAL ANTI-AGING ENDOCRINE PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	110
TABLE 68 LEADING DRUGS FOR ENDOCRINE DISORDERS ASSOCIATED WITH AGING, 2014 (\$ BILLIONS)	111
TABLE 69 GLOBAL ANTI-AGING SEXUAL DYSFUNCTION PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	113
TABLE 70 LEADING DRUGS FOR SEXUAL DYSFUNCTION ASSOCIATED WITH AGING, 2014 (\$ BILLIONS)	114
TABLE 71 GLOBAL ANTI-AGING URINARY INCONTINENCE PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	115
TABLE 72 LEADING DRUGS FOR URINARY INCONTINENCE, 2014 (\$ BILLIONS)	116
TABLE 73 GLOBAL ANTI-AGING EYE CARE PRODUCT MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	118
TABLE 74 LEADING DRUGS TO TREAT EYE CONDITIONS ASSOCIATED WITH AGING, 2014 (\$ BILLIONS)	119
TABLE 75 GLOBAL ANTI-AGING COSMETIC SURGERY SERVICE MARKET, BY SERVICE TYPE, THROUGH 2020 (\$ MILLIONS)	128
TABLE 76 GLOBAL ANTI-AGING COSMETIC TREATMENT MARKET BY SERVICE TYPE, THROUGH 2020 (\$ MILLIONS)	129
TABLE 77 GLOBAL ANTI-AGING COSMETIC SERVICE MARKET BY REGION, THROUGH 2020 (\$ MILLIONS)	130
TABLE 78 NUMBER OF U.S. COSMETIC PROCEDURES BY AGE, 2014 (THOUSANDS/%)	131
TABLE 79 U.S. ANTI-AGING COSMETIC TREATMENT MARKET BY SERVICE TYPE, THROUGH 2020 (\$ MILLIONS)	133
TABLE 80 BRAZIL ANTI-AGING COSMETIC TREATMENT MARKET BY SERVICE TYPE, THROUGH 2020 (\$ MILLIONS)	134
TABLE 81 JAPAN ANTI-AGING COSMETIC TREATMENT MARKET BY SERVICE TYPE, THROUGH 2020 (\$ MILLIONS)	135
TABLE 82 GERMANY ANTI-AGING COSMETIC TREATMENT MARKET BY SERVICE TYPE, THROUGH 2020 (\$ MILLIONS)	136
TABLE 83 JOINT COMMISSION INTERNATIONAL, NUMBER OF ACCREDITED PROGRAMS BY COUNTRY, 2015* (\$ MILLIONS)	143
TABLE 84 AVERAGE COST OF COSMETIC PROCEDURES IN THE U.S. AND INTERNATIONAL COUNTRIES, 2010-2015 AVERAGE ESTIMATES (\$)	144
TABLE 85 U.S. SPA VISITATION STATISTICS AND GENERATED REVENUES 2005-2014	145
TABLE 86 TOP COSMETIC LASER COMPANY SALES, 2014 (\$ MILLIONS)	151
TABLE 87 ANTI-AGING RELATED PRODUCT PATENTS GRANTED BY UNITED STATES PATENT OFFICE BY DECADE, 1976-2015 (NO. OF PATENTS)	157

TABLE HEADING	PAGE NO.
TABLE 88 ANTI-AGING RELATED PRODUCT PATENTS BY SEGMENT, 2011-2015 (NO. OF PATENTS)	158
TABLE 89 ANTI-AGING PRODUCT PATENTS BY SELECTED ASSIGNEE, 2011-2015 (NO. OF PATENTS)	159
TABLE 90 GLOBAL SALES OF ANTI-AGING PRODUCTS AND SERVICES, THROUGH 2020 (\$ MILLIONS)	162
TABLE 91 GLOBAL SALES OF ANTI-AGING PRODUCTS AND SERVICES BY REGION THROUGH 2020 (\$ MILLIONS)	163

LIST OF FIGURES

FIGURE TITLE	PAGE NO.
SUMMARY FIGURE GLOBAL SALES OF ANTI-AGING PRODUCTS AND SERVICES, 2013-2020 (\$ MILLIONS)	8
FIGURE 1 GLOBAL POPULATION BY SELECTED AGE GROUP, 2010-2050 (MILLIONS)	26
FIGURE 2 GLOBAL POPULATION AVERAGE GROWTH BY BROAD AGE GROUP, 2010-2050 (%)	27
FIGURE 3 GLOBAL POPULATION BY SELECTED COUNTRY, 2010-2020 (MILLIONS)	29
FIGURE 4 GLOBAL LIFE EXPECTANCY AT BIRTH BY SELECTED COUNTRY, 1980-2020 (YEARS)	30
FIGURE 5 ANTI-AGING APPLICATIONS PYRAMID STRUCTURE	31
FIGURE 6 CHANGING APPROACH IN ANTI-AGING TREATMENT	32
FIGURE 7 GLOBAL ANTI-AGING PRODUCT MARKET BY TYPE, 2013-2020 (\$ MILLIONS)	35
FIGURE 8 GLOBAL ANTI-AGING PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)	36
FIGURE 9 GLOBAL ANTI-AGING APPEARANCE COSMETIC PRODUCTS MARKET, 2013-2020 (\$ MILLIONS)	37
FIGURE 10 GLOBAL ANTI-AGING APPEARANCE COSMETIC PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)	38
FIGURE 11 LEADING SUPPLIERS SHARES, ANTI-AGING APPEARANCE COSMETIC PRODUCTS, 2015 (%)	39
FIGURE 12 GLOBAL ANTI-AGING SKIN CARE PRODUCT MARKET BY SEGMENT, 2013-2020 (\$ MILLIONS)	41
FIGURE 13 GLOBAL ANTI-AGING SKIN CARE PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)	43
FIGURE 14 GLOBAL ANTI-AGING FACE CARE PRODUCT MARKET, 2013-2020 (\$ MILLIONS)	45
FIGURE 15 GLOBAL ANTI-AGING FACE CARE PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)	46
FIGURE 16 GLOBAL ANTI-WRINKLE PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)	49
FIGURE 17 GLOBAL SKIN FIRMING/TIGHTENING PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)	52
FIGURE 18 GLOBAL ANTI-AGING INJECTABLES/DERMAL FILLER PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)	53
FIGURE 19 GLOBAL NIGHT CREAM PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)	57
FIGURE 20 GLOBAL ANTI-AGING MOISTURIZER PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)	59
FIGURE 21 GLOBAL MICRODERMABRASION PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)	61
FIGURE 22 GLOBAL ANTI-AGING MULTI-TASKING PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)	63
FIGURE 23 GLOBAL ANTI-AGING SKIN CLEANSER, TONER AND OTHER PRODUCTS MARKET BY REGION, 2013-2020 (\$ MILLIONS)	65
FIGURE 24 GLOBAL ANTI-AGING BODY AND HAND CARE PRODUCT MARKET BY SEGMENT, 2013-2020 (\$ MILLIONS)	66
FIGURE 25 GLOBAL ANTI-AGING BODY AND HAND CARE PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)	67
FIGURE 26 GLOBAL HAND LOTION AND MOISTURIZER PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)	68
FIGURE 27 GLOBAL BODY LOTION AND MOISTURIZER PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)	70

FIGURE TITLE	PAGE NO.
FIGURE 28 GLOBAL BODY SHAPING/CELLULITE/SKIN TIGHTENING DEVICES MARKET BY REGION, 2013-2020 (\$ MILLIONS)	73
FIGURE 29 GLOBAL ANTI-AGING MAKEUP MARKET BY SEGMENT, 2013-2020 (\$ MILLIONS)	76
FIGURE 30 GLOBAL ANTI-AGING MAKEUP MARKET BY REGION, 2013-2020 (\$ MILLIONS)	77
FIGURE 31 GLOBAL ANTI-AGING FACE MAKEUP MARKET BY REGION, 2013-2020 (\$ MILLIONS)	78
FIGURE 32 GLOBAL ANTI-AGING EYE MAKEUP MARKET BY REGION, 2013-2020 (\$ MILLIONS)	79
FIGURE 33 GLOBAL LIP CARE MARKET BY REGION, 2013-2020 (\$ MILLIONS)	81
FIGURE 34 GLOBAL ANTI-AGING SUN CARE PRODUCT MARKET BY SEGMENT, 2013-2020 (\$ MILLIONS)	83
FIGURE 35 GLOBAL ANTI-AGING SUN CARE PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)	84
FIGURE 36 GLOBAL SUN PROTECTION PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)	85
FIGURE 37 GLOBAL SELF-TANNING PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)	87
FIGURE 38 GLOBAL AFTER SUN PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)	88
FIGURE 39 GLOBAL ANTI-AGING HAIR CARE PRODUCT MARKET, 2013-2020 (\$ MILLIONS)	90
FIGURE 40 GLOBAL ANTI-AGING HAIR CARE PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)	91
FIGURE 41 GLOBAL ANTI-AGING HAIR COLOR PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)	93
FIGURE 42 GLOBAL ANTI-AGING HAIR LOSS/HAIR GROWTH PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)	95
FIGURE 43 GLOBAL ANTI-AGING DISEASE TREATMENT MARKET BY SEGMENT, 2013-2020 (\$ MILLIONS)	97
FIGURE 44 GLOBAL ANTI-AGING DISEASE TREATMENT PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)	99
FIGURE 45 LEADING SUPPLIERS' MARKET SHARES OF ANTI-AGING DISEASE TREATMENT PRODUCTS, 2015 (%)	100
FIGURE 46 GLOBAL ANTI-AGING BONE AND JOINT PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)	102
FIGURE 47 LEADING DRUGS TO TREAT BONE AND JOINT DISEASES ASSOCIATED WITH AGING, 2014 (\$ BILLIONS)	103
FIGURE 48 GLOBAL ANTI-AGING CARDIOVASCULAR AND RESPIRATORY PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)	104
FIGURE 49 LEADING DRUGS TO TREAT CARDIOVASCULAR AND RESPIRATORY DISEASES ASSOCIATED WITH AGING, 2014 (\$BILLIONS)	105
FIGURE 50 GLOBAL ANTI-AGING CENTRAL NERVOUS SYSTEM PRODUCT MARKET BY REGION, 2013-2020 (\$MILLIONS)	107
FIGURE 51 LEADING DRUGS TO TREAT CNS DISORDERS ASSOCIATED WITH AGING, 2014 (\$ BILLIONS)	108
FIGURE 52 GLOBAL ANTI-AGING ENDOCRINE PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)	111
FIGURE 53 LEADING DRUGS FOR ENDOCRINE DISORDERS ASSOCIATED WITH AGING, 2014 (\$ BILLIONS)	112

FIGURE TITLE	PAGE NO.
FIGURE 54 GLOBAL ANTI-AGING SEXUAL DYSFUNCTION PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)	113
FIGURE 55 LEADING DRUGS FOR SEXUAL DYSFUNCTION ASSOCIATED WITH AGING, 2014 (\$ BILLIONS)	114
FIGURE 56 GLOBAL ANTI-AGING URINARY INCONTINENCE PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)	115
FIGURE 57 LEADING DRUGS FOR URINARY INCONTINENCE, 2014 (\$ BILLIONS)	116
FIGURE 58 GLOBAL ANTI-AGING EYE CARE PRODUCT MARKET BY REGION, 2013-2020 (\$ MILLIONS)	118
FIGURE 59 LEADING DRUGS TO TREAT EYE CONDITIONS ASSOCIATED WITH AGING, 2014 (\$ BILLIONS)	119
FIGURE 60 GLOBAL ANTI-AGING COSMETIC SURGERY SERVICE MARKET, BY SERVICE TYPE, 2013-2020 (\$ MILLIONS)	128
FIGURE 61 GLOBAL ANTI-AGING COSMETIC TREATMENT MARKET BY SERVICE TYPE, 2013-2020 (\$ MILLIONS)	129
FIGURE 62 GLOBAL ANTI-AGING COSMETIC SERVICE MARKET BY REGION, 2013-2020 (\$ MILLIONS)	130
FIGURE 63 GROWTH IN U.S. COSMETIC PROCEDURES BY TYPE, 2012-2014 (NO. OF PROCEDURES)	131
FIGURE 64 DISTRIBUTION OF U.S. COSMETIC PROCEDURES BY AGE, 2014 (%)	132
FIGURE 65 U.S. ANTI-AGING COSMETIC TREATMENT MARKET BY SERVICE TYPE, 2013-2020 (\$ MILLIONS)	133
FIGURE 66 BRAZIL ANTI-AGING COSMETIC TREATMENT MARKET BY SERVICE TYPE, 2013-2020 (\$ MILLIONS)	134
FIGURE 67 JAPAN ANTI-AGING COSMETIC TREATMENT MARKET BY SERVICE TYPE, 2013-2020 (\$ MILLIONS)	135
FIGURE 68 GERMANY ANTI-AGING COSMETIC TREATMENT MARKET BY SERVICE TYPE, 2013-2020 (\$ MILLIONS)	136
FIGURE 69 U.S. PERSONAL CONSUMPTION EXPENDITURES BY PERSONAL CARE SEGMENT, 1970-2020 (\$ MILLIONS)	140
FIGURE 70 DISTRIBUTION OF U.S. PERSONAL CONSUMPTION EXPENDITURES BY PERSONAL CARE PRODUCTS (%)	141
FIGURE 71 DISTRIBUTION OF U.S. PERSONAL CONSUMPTION EXPENDITURES BY PERSONAL CARE SERVICES (%)	141
FIGURE 72 TOP COSMETIC LASER COMPANY SALES, 2014 (\$ MILLIONS)	151
FIGURE 73 ANTI-AGING RELATED PRODUCT PATENTS GRANTED BY UNITED STATES PATENT OFFICE BY DECADE, 1976-2015 (NO. OF PATENTS)	157
FIGURE 74 ANTI-AGING RELATED PRODUCT PATENTS BY SEGMENT, 2011-2015 (NO. OF PATENTS)	158
FIGURE 75 GLOBAL SALES OF ANTI-AGING PRODUCTS AND SERVICES, 2013-2020 (\$ MILLIONS)	162
FIGURE 76 GLOBAL SALES OF ANTI-AGING PRODUCTS AND SERVICES BY REGION, 2013-2020 (\$ MILLIONS)	163