TWELFTH EDITION

CONSUMER BEHAVIOR

Leon Schiffman Joe Wisenblit



Consumer Behavior



Consumer Behavior

Twelfth Edition

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Leon Schiffman

To my niece, Maya, and nephews Daniel, Eli, and Saul Wegarzyn.

Joe Wisenblit



Brief Contents

Preface	xxi
PART I	Consumers, Marketers, and Technology 2 1 Consumer Behavior and Technology 2 2 Market Segmentation and Real-Time Bidding 26
PART II	The Consumer as an Individual 48 3 Consumer Motivation and Personality 48 4 Consumer Perception and Positioning 76 5 Consumer Learning 116 6 Consumer Attitude Formation and Change 142
PART III	 Communication and Consumer Behavior 166 7 Persuading Consumers 166 8 From Print and Broadcast to Social Media and Mobile Advertising 188 9 Reference Groups and Communities, Opinion Leaders, and Word-of-Mouth 212
PART IV	 Social and Cultural Settings 238 10 The Family and Its Social Standing 238 11 Cultural Values and Consumer Behavior 272 12 Subcultures and Consumer Behavior 294 13 Cross-Cultural Consumer Behavior: An International Perspective 318
PART V	Consumer Decision-Making, Marketing Ethics, and Consumer Research 344 14 Consumer Decision-Making and Diffusion of Innovations 344 15 Marketers' Ethics and Social Responsibility 362 16 Consumer Research 388
Name Ind	433 / Index 449 dex 455 ndex 465



Contents

Preface	xxi
PART I	Consumers, Marketers, and Technology 2
1	
2	Market Segmentation and Real-Time Bidding 26 Market Segmentation 27 Demographics 28 Age 28 Gender 29 Households 29 Social Standing 29
	Social Standing 29 Ethnicity 30 Lifestyles 30 Demographics and Geography 32 Product Benefits 33 Media Exposure 34 Product Usage 35 Selecting Target Markets 37 The Targeted Segment Must Be Identifiable 37
	The Targeted Segment Must Be Profitable 37

PART II

3

The Targeted Segment Must Be Reachable 39 Mobile Targeting 40 Real-Time Bidding 40 Profiling Impressions 41 The Real-Time Bidding Operation 42 Data Brokers 44 Advantages of Real-Time Bidding 44 Summary 45 • Review and Discussion Questions 46 • Hands-on Assignments 47 • Key Terms 47
The Consumer as an Individual 48
Consumer Motivation and Personality 48 The Dynamics of Motivation 49 Needs 50 Need Arousal 50 Goals 50
Needs and Goals Are Interdependent 52 Frustration and Defense Mechanisms 53
Systems of Needs 54 Murray's Psychogenic Needs 54 Maslow's Hierarchy of Needs 56 The Validity of Maslow's Theory 57 Marketing Applications of Maslow's Theory 57
Hidden Motives 58
Motives and Technology 59
Personality Development 60
Personality Reflects Individual Differences 60
Personality Is Consistent and Enduring 61
Personality Can Change 61
Freudian Theory 61
Neo-Freudian Personality Theory 62
Personality Traits 62
Innovators versus Laggards 63 Open- versus Closed-Minded 64
Conformity versus Individuality 64
Novel and Complex or Simple and Safe Experiences 65
Preference for Thinking 66
Preference for Written or Visual 66
Importance of Possessions 66
Compulsions and Fixations 67
Consumer Ethnocentrism 68
Personality and Color 68
Anthropomorphism 69
Product Personality and Gender 70
Product Personality and Geography 70
Self-Perception 70
The Extended Self 71
Altering the Self 71
Summary 72 • Review and Discussion Questions 74 • Hands-on Assignments 74 • Key Terms 74

CONTENTS

4 Consumer Perception and Positioning 76

Sensory Information 77 Sight 79 Scent 79 Touch 79 Sound 80 Taste 80 Sensory Input and Culture 81 The Absolute and Differential Thresholds 81 The Absolute Threshold 81 The Differential Threshold 82 Product Pricing and Improvements 82 Logos and Packaging 83 Subliminal Perception 85 Perceptual Selection 86 Stimuli's Features 86 Personal Expectations 86 Consumer Motivation 87 Perceptual Selectivity 88 Perceptual Organization 88 Figure and Ground 88 Grouping 90 Closure 91 Interpretation: Cues 91 Integral Indicators 91 External Indicators 92 Stereotyping 92 Physical Appearance 93 Descriptive Terms 94 First Impressions 95 Halo Effect 95 Interpretation: Consumer Imagery 96 Perceived Value 96 Perceived Quality 97 Price-Quality Relationship 98 Brand Image 99 Package Perceptions/Image 101 Service Quality 102 Retail Store Perceptions/Image 103 Company Image 104 Risk Perception 105 The Components of Perceived Risk 105 Reducing Perceived Risk 107 Information 107 Brand Loyalty 107 Store Image 107 Price-Quality Relationship 107 Positioning and Repositioning 107 Umbrella Positioning 108 Premier Position 109 Positioning against Competition 109

Key Attribute 109

The Un-Owned Position 110 Changing Perceptions 110 Perceptual Mapping 112 Summary 113 • Review and Discussion Questions 114 • Hands-on Assignments 114 • Key Terms 115 5 Consumer Learning 116 The Elements of Consumer Learning 117 Motives 118 **Cues 118** Responses 118 Reinforcement 118 Classical Conditioning 119 Associative Learning 120 Repetition Forms Association 120 Stimulus Generalization and Brands' Extensions 122 Stimulus Discrimination and Brand Differentiation 124 Instrumental Conditioning 125 Reinforcement 125 Extinction and Forgetting 127 Customer Satisfaction and Retention 128 Shaping 128 Massed versus Distributed Learning 128 Observational Learning 128 Information Processing 129 Storing Data 129 **Encoding Data 130** Retrieving and Retaining Data 131 Cognitive Learning 133 **Consumer Involvement and Hemispheric** Lateralization 134 Consumer Involvement 134 Measurements of Consumer Involvement 135 Strategic Applications of Consumer Involvement 135 Involvement and Context 136 Hemispheric Lateralization 136 Passive Learning 136 **Outcomes and Measures of Consumer** Learning 137 Recognition and Recall Measures 138 Brand Loyalty 138 **Brand Equity 139** Summary 140 • Review and Discussion Questions 141 • Hands-on Assignments 141 • Key Terms 141 6 Consumer Attitude Formation and Change 142 Attitude Formation 143 Learning Attitudes 143 Personal Sources and Experiences 144 Personality Factors 144 Consistency with Behavior 144

Situational Factors 145

	TI T: C
	The Tri-Component Attitude Model 145
	The Cognitive Component 146
	The Affective Component 146
	The Conative Component 147
	Changing Consumers' Attitudes 148 Changing Beliefs about Products 148 Changing Brand Image 148 Changing Beliefs about Competing Brands 150 Attitude-Behavior Gap 150
	Multiattribute Models 150
	Attitude-toward-Object Model 150 Adding an Attribute 154 Changing the Perceived Importance of Attributes 154 Developing New Products 154
	Attitude-toward-Behavior Model 154
	Theory of Reasoned Action 155
	Theory of Trying to Consume 155
	Attitude-toward-the-Ad Model 155
	Attitude-toward-Social-Media-Posts Model 156
	Attitudes' Motivational Functions 156
	The Utilitarian Function 156
	The Ego-Defensive Function 156
	The Value-Expressive Function 157
	The Knowledge Function 157
	Associating Brands with Worthy Objects or Causes 157
	The Elaboration Likelihood Model 158
	Cognitive Dissonance and Conflict Resolution 159
	_
	Resolving Conflicting Attitudes 160
	Causality and Attribution 160
	Self-Perception Attributions 160
	Foot-in-the-Door Technique 161
	Attributions toward Others 162
	Attributions toward Objects 162
	Analyzing Self-Attributions 162
	Summary 163 • Review and Discussion Questions 164 • Hands-on Assignments 164 • Key Terms 164
PART III	Communication and Consumer Behavior 166
7	Persuading Consumers 166
	The Elements of Communication 167
	Source Credibility and Persuasion 167
	Time Passage and Source Credibility 168
	Barriers to Effective Communications 168 Psychological Selectivity 168 Message Clutter 169
	Broadcasted versus Addressable Messages 170
	The Evolution of TV Advertising 170
	Addressable Communication 171
	Message Structure 172
	Image and Text 172
	Framing 173
	Framing Impact Behavior 173

```
Native Ads 175
      Order Effects 176
   Persuasive Appeals 176
      Comparative 177
      Fear 178
      Humor 179
      Sex 181
      Timeliness 182
   Feedback and Effectiveness 183
   Summary 185 • Review and Discussion Questions 186 •
   Hands-on Assignments 187 • Key Terms 187
8 From Print and Broadcast to Social Media
   and Mobile Advertising 188
   Social Media and Consumer Behavior 190
      Individuals and Networks 190
      Consumer Engagement 191
   Advertising on Social Media 193
      Advertising Channels 193
      Google 193
      Advertising Strategies 195
   Mobile Advertising 197
      Consumer Response 197
      Promotional Tactics 198
      Advantages and Shortcomings 198
      Desktop versus Mobile Devices 200
      The Future 200
   Advertising's Reach and Efficacy 201
      Analyzing Website Visits 201
      Gauging Influence within Social Network 202
      Google Analytics 202
      Online Fraud and Unseen Ads 202
      Pirated Content 202
      Nielsen 203
      Time-Shifted Viewing 203
      Facebook, Google, and Twitter 203
      Skipping and Blocking 204
      Improved Measures of Social Activity 204
   Traditional Media's Evolution 205
      Television 205
      Radio 207
      Print Media 207
      Out-of-Home Media 208
      Branded Content 208
   Summary 209 • Review and Discussion Questions 210 •
   Hands-on Assignments 211 • Key Terms 211
```

One- or Two-Sided 173

9 Reference Groups and Communities, Opinion Leaders, and Word-of-Mouth 212

The Credibility and Persuasive Power of Reference Groups 213

Consumption-Related Reference Group 214

Friends 214
Fellow Shoppers 215
Virtual Communities 215
Advocacy Groups 216

Factors Affecting Reference Group Influence 216

Conformity 216 Group Power 218 Product Expertise 218 Product Conspicuousness 218

Endorsers and Spokespersons 219

Celebrities 220

Salesperson Credibility 222

Vendor Credibility 222

Medium Credibility 223

Opinion Leaders and Word-of-Mouth 223

Characteristics of Opinion Leaders 224

Measuring Opinion Leadership 225

Questioning 225
Social Interactions 226
Identifying Experts 226
Online Influence 226

Word-of-Mouth's Strategic Applications 227

Online Reference Groups 227
Stimulating Word-of-Mouth 229
Going Viral 230

Managing Negative Rumors 231

Innovations' Adopters as Reference Groups 232

The First Buyers 233
The Followers 234
The Somewhat Risk-Averse 234
The Highly Risk-Averse 234
The Last to Purchase 234

The Nonadopters 234

Summary 235 • Review and Discussion Questions 236 • Hands-on Assignments 236 • Key Terms 236

PART IV Social and Cultural Settings 238

10 The Family and Its Social Standing $\,$ 238

Family and Consumer Socialization 239

Parental Styles and Consumer Socialization 242

The Stages of Consumer Socialization 242

Adult and Intergenerational Consumer Socialization 244

The Family's Supportive Roles 244

Economic Well-Being 244 Emotional Support 244 Suitable Lifestyles 246

Families, Media, and Technology 246

Family Decision-Making and Members' Roles 247 Husband-Wife Decision-Making 247 Cultural Differences in Husband-Wife Decision-Making Children's Influence on Family Decision-Making 248 Children Are Three Markets 249 Adult Children Caring for Aging Parents 249 Measuring Family Decision-Making 249 Family Members' Roles 250 The Family Life Cycle 250 Bachelorhood 250 Honeymooners 251 Parenthood 251 Post-Parenthood 251 Dissolution 252 Nontraditional Families and Households 253 Targeting Strategies 254 Same-Gender Families 255 Social Standing and Consumer Behavior 256 Social Class and Segmentation 257 What's My Social Class? 257 Social-Class Consciousness 257 Demographics 257 Indices 260 America's Social Classes 260 America's Social Classes 261 Upward Mobility 263 Young Adulthood 263 Affluent Consumers 265 Middle-Class Consumers 266 Downscale Consumers 267 Clothing, Fashion, and Shopping 267 Saving, Spending, and Credit Card Usage 268 Communications 268 Downward Mobility 268 Geodemography and Social Class 269 Summary 269 • Review and Discussion Questions 271 • Hands-on Assignments 271 • Key Terms 271 11 Cultural Values and Consumer Behavior 272 Culture's Role and Dynamics 274 Culture's Evolution 274 Cultural Beliefs Reflect Consumers' Needs 275 Learning Cultural Values 276 Forms of Learning 276 **Enculturation and Acculturation 276** Marketing Influences on Cultural Learning 277 Symbols and Rituals 278 Measuring Cultural Values 279 Content Analysis 279 Field Observation 280

Value Surveys 281

Core Cultural Values 282 Achievement and Success 283 Time and Activity 283 Efficiency and Practicality 284 Progress 284 Comfort and Pleasure 285 Individualism and Conformity 285 Freedom of Choice 286 Humanitarianism 286 Youthfulness 288 Fitness and Health 288 **Environmental Concerns 289** Summary 292 • Review and Discussion Questions 292 • Hands-on Assignments 293 • Key Terms 293 12 Subcultures and Consumer Behavior 294 Subcultures in the United States 295 Nationality and Ethnicity Subcultures 296 Latino American and Hispanic American Consumers 297 African American Consumers 298 Asian American Consumers 299 Religious Affiliation Subcultures 300 Geographic Subcultures 301 Generational Subcultures 302 Generation Z: Persons Born between 1997 to the Present 302 Millennials: Born between 1980 and 1996 (or Late 1970s and Late 1990s) 304 Generation X: Born between 1965 and 1979 307 Baby Boomers: Born between 1946 and 1964 308 Older Consumers 309 Describing "Age" 311 Segmentation and Targeting 311 Technology in the Generations 312 Gender Subcultures 313 Products and Gender Roles 313 Women in Advertisements 314 Working Women 314 Summary 315 • Review and Discussion Questions 317 • Key Terms 317 13 Cross-Cultural Consumer Behavior: An International Perspective 318 Global Brands 320 Analyzing Global Markets 321 **Buying Styles 321** Measures of Cross-Cultural Aspects 322 Foods and Beverages 324 Colors and Artifacts 324 Acculturation 325 Consumer Research Difficulties 325 Localization versus Standardization 326 Product Customization 326 Advertising and Branding 328 Promotional Appeals 329

Legal Barriers 330

	Global Marketing Prospects 332		
	Growth Potential 332		
	Spending Power and Consumption 333		
	Brand Shares 337		
	Targeting Global Consumers 338		
	Global Millennials 338		
	Global Teens 339		
	The Global Middle Class 339		
	Segmentation 340		
	Summary 341 • Review and Discussion Questions 342 • Hands-on Assignments 343 • Key Terms 343		
PART V	Consumer Decision-Making, Marketing Ethics and Consumer Research 344		
	and Consumer Research 344		
14	4 Consumer Decision-Making and Diffusion		
	of Innovations 344		
	Consumer Decision-Making 345		
	Input 345		
	Process 346		
	Need Recognition 346 Decision Spectrum 346		
	Pre-Purchase Information Search 348		
	Evaluation of Purchase Alternatives 349		
	Decision Rules 351		
	Output 353		
	Consumer Gifting Behavior 354		
	Diffusion and Adoption of Innovations 356		
	Types of Innovations 356		
	Product Features That Affect Adoption 357		
	The Adoption Process 359		
	Summary 359 • Review and Discussion Questions 360 • Hands-on Assignments 360 • Key Terms 361		
	Trailus-off Assignments 300 v Key Terms 301		
15	Marketers' Ethics and Social Responsibility 362		
	Socially Responsible Marketing 363		
	Disregard for Consumers' Privacy 364		
	Retailers 365		
	Smartphones 365		
	Smart TVs 365		
	Facebook 366		
	Acxiom 366		
	And More 367		
	Privacy Laws 368		
	Blocking Tracking 368		
	Exploiting Children and Others 369		
	Exploiting Children and Others 369 Children and Media 369		
	Children and Media 369		
	Children and Media 369 Encouraging Overeating 369		
	Children and Media 369 Encouraging Overeating 369 Laws and Regulations 371		
	Children and Media 369 Encouraging Overeating 369		

Misleading Labels 374 Camouflaged Advertising 376 Native Advertising 377 Search Engines 377 Covert Marketing 377 Product Placement: Advertising Embedded within Entertainment 378 False and Misleading Advertising 378 Offensive Communications 381 Promoting Social Causes 382 Advocating Beneficial and Discouraging Detrimental Conduct 382 Cause-Related Marketing 383 Consumer Ethics 385 Summary 386 • Review and Discussion Questions 387 • Hands-on Assignments 387 • Key Terms 387 16 Consumer Research 388 Exploratory Research and Secondary Data 389 Internal Secondary Data 390 External Secondary Data 390 Government Secondary Data 390 Periodicals and Articles 390 Syndicated Research Companies 390 Qualitative Research 391 Depth Interviews 392 Focus Groups 392 Quantitative Research 394 Validity and Reliability 394 Observational Research 394 Causal Research 396 Contacting Respondents 397 Questionnaires 398 Sampling and Data Collected and Analysis 400 Summary 402 • Review and Discussion Questions 403 • Hands-on Assignments 403 • Key Terms 403 **Endnotes** 405 Glossary 433 Company Index 449 Name Index 455 Subject Index 465

Credits 477



Preface

New to this Edition

Following is a list of the significant chapter-by-chapter updates to the 12th edition of the text:

Chapter 1: Consumer Behavior and Technology

- Technology enriches the value exchange between consumers and marketers
- More sophisticated consumers and flexible buying channels and pricing
- Customized advertising and targeting
- Interactive communications
- New media and optimal targeting
- Stronger customer retention

Chapter 2: Market Segmentation and Real-Time Bidding

- Targeting impressions optimizes marketers' resources
- Predictive analytics and behavioral biometrics
- Ad exchanges and the application programing interface
- The dynamics of real-time bidding
- Cross-channel campaigns

Chapter 3: Consumer Motivation and Personality

- Technology serves consumers' needs
- Technology reshapes some needs
- New section on the impact of hidden motives
- Expanded narrative about personality traits

Chapter 4: Consumer Perception and Positioning

- Technology enables astute positioning
- Perceptions of social media
- Discerning more complex perceptions
- Technology and perceived risk

Chapter 5: Consumer Learning

- Technology and decision-making
- More complex information processing
- Involvement and customized messages
- Increasingly diverse measures of brand loyalty

Chapter 6: Consumer Attitude Formation and Change

- Multi-attribute attitude models and advanced media
- Social media and attitude formation
- Customized communications and changing attitudes
- Enhanced discussion of attribution theory

Chapter 7: Persuading Consumers

- Source credibility and social media
- New media and communication feedback
- The growing impact of time-shifted viewing
- Addressable, customized, and interactive advertising
- Reshaping measures of communication effectiveness

Chapter 8: From Print and Broadcast to Social Media and Mobile Advertising

- Consumer engagement and social media
- Advertising goals in employing social media
- Promotional strategies in mobile marketing
- Forms of social media
- Web-search, display, and mobile ads
- Google's "organic results" and "sponsored space"
- Consumers' permissions for apps' information gathering
- Effective social media campaigns
- Consumers and mobile media
- Measuring the effectiveness of advertising in new media
- Analyzing website visits
- Gauging influence within social networks
- Google Analytics
- Traditional media's electronic evolution

Chapter 9: Reference Groups and Communities, Opinion Leaders, and Word-of-Mouth

- Word-of-mouth in social networks and brand communities
- Klout scores
- · Weblogging and tweeting
- Buzz agents and viral marketing
- Managing negative rumors online
- The impact of more astute word-of-mouth on marketing new products
- The changing dynamics of opinion leadership

Chapter 10: The Family and Its Social Standing

- Parental styles and children's media exposure
- Family decision-making and more diverse sources of information
- The impact of multiple screens on consumer socialization
- Enriched depictions of America's social classes

Chapter 11: Cultural Values and Consumer Behavior

- The Rokeach typology and illustrative promotional themes
- Gordon's Survey of Personal and Interpersonal Values
- How new media reshapes cultural values

Chapter 12: Subcultures and Consumer Behavior

- Multicultural consumers
- Generational patterns of adopting and utilizing technology
- Ethnicity, social media, and internet utilization

Chapter 13: Cross-Cultural Consumer Behavior: An International Perspective

- Expanded measures of cross-cultural dimensions
- New narrative describing linguistic and legal barriers in global marketing
- Technology and social media in overseas markets

Chapter 14: Consumer Decision-Making and Diffusion of Innovations

- Streamlined narrative about decision-making
- Technology and diffusion of innovations

Chapter 15: Marketers' Ethics and Social Responsibility

- The alarming breakdown and violation of consumers' privacy
- The disregard for consumer privacy by data brokers such as Acxiom
- Disregard for ethics by online giants—Google and Facebook
- Customized messages that encourage irresponsible buying
- More aggressive manipulation of children by advertisers
- Blunt violations of privacy, such as facial recognition and location targeting

Chapter 16: Consumer Research

• Technology enhances consumer research



Solving Teaching and Learning Challenges

Our guiding principle in writing this book is to capture the impact of consumer behavior on the marketer's ability to learn more about customers' purchases in order to plan, develop, and implement a strategy with greater precision. For nearly one hundred years, marketers purchased advertising space within information and entertainment content produced by print and broadcast media. In the past, marketers used the media's audience profiles in deciding where to place "one size fits all" ads. Today, dynamic ad servers customize ads based on consumers' browsing online and other data, and marketers closely monitor consumers' contacts and discussions on the internet. Marketers that once purchased advertising space in selected magazines and TV sitcoms now purchase space for their messages through ad exchanges and use predictive analytics that assess the effectiveness of their ads. Instead of targeting large segments, marketers are bidding on impression, which enables them to use their resources most effectively via real-time bidding.

Other forms of reaching consumers include native advertising, crosschannel marketing campaigns, consumer-generated advertising, and new

media platforms, such as mobile and app advertising. Nevertheless, the loss of privacy has become a key social concern, and we have analyzed this matter and other ethical issues such as the impact of extensive viewing of screens on children—in our chapter on social responsibility.



We strengthened the book's principal facet, conceived in its first edition in 1978, which is focusing on the strategic applications of understanding consumer behavior. Each chapter opens with a "handson" example (some with comments by marketing executives) and exhibits based on recent, empirical data are showcased in all chapters, together with guidelines for marketing applications.

Finally, in its first edition, this book was the first one ever to use print ads as illustrations of consumer behavior—which has been imitated by most marketing textbooks—and this edition includes scores of new ads.

Conceptually, the book is divided into five parts: Consumers, Marketers, and Technology, The Consumer as an Individual, Communication and Consumer Behavior, Consumers in their Social and Cultural Settings, and Consumer Decision-Making, Marketing Ethics, and Consumer Research. Each part aims to develop a better understanding of the following key learning areas:

- Influence of new technologies and online practices
- Impact of psychological factors on consumer behavior
- Role of communication and persuasion
- Examines consumers in their social and cultural settings
- Discuses consumer decision-making and marketing ethics

The following is a brief overview of each part.

PART I: CONSUMERS, MARKETERS, AND TECHNOLOGY

Chapter 1 explains consumer behavior as an interdisciplinary framework. It describes the evolution of marketing, prominent marketing strategies, and marketers' social responsibilities. The chapter details the revolutionary impact of technology on strategic marketing, and the interrelationships among customer value, satisfaction, and retention. It concludes with a model of consumer decision-making. Chapter 2 describes market segmentation, including the demographic, sociocultural, and psychographic bases for segmenting markets. It explores the criteria for selecting target markets, behavioral targeting, and positioning and differentiating products and services.

PART II: THE CONSUMER AS AN INDIVIDUAL

Chapter 3 discusses the influence of needs, motivation, and personality characteristics. Chapter 4 explores consumer perception, which consists of selecting, organizing, and interpreting marketing stimuli. Chapter 5 describes the learning process and how past shopping experiences affect subsequent buying. Chapter 6 looks at the formation, study, and strategic applications of consumer attitudes.

PART III: COMMUNICATION AND CONSUMER BEHAVIOR

Chapter 7 covers the elements of communication and overcoming barriers to effective communication. We outline the differences between the broadcasting communications model (which is rooted in mass and traditional media), and the narrowcasting model (which originates in new media, such as online advertising and social media). The chapter then focuses on the message: its structure, persuasive appeal, and effectiveness. Chapter 8 explores communication channels and the transition from print and broadcast media to social media and mobile advertising. We explore the targeting methods used in old and new communication channels, the role of key entities (such as Google and Facebook), and the electronic evolution of traditional media. Chapter 9 examines the credibility of media and personal sources of information, consumers' reference groups, the role of opinion leaders, and the dynamics of word-of-mouth offline and online.

PART IV: CONSUMERS IN THEIR SOCIAL AND CULTURAL SETTINGS

Chapter 10 examines the family as a consumption unit and its standing within the social class structure. Chapter 11 describes culture and how it is expressed through values, rituals, and customs. It explains how to measure cultural values, and illustrates Americans' core values with ads and consumers' purchases and priorities. Chapter 12 describes how subcultures are derived from ethnicity, religion, geographic location, age, and gender. Chapter 13 explores cross-cultural analysis, how to assess marketing opportunities abroad, and whether or not to customize products and promotions in global markets.

PART V: CONSUMER DECISION-MAKING, MARKETING ETHICS, AND CONSUMER RESEARCH

Chapter 14 integrates the psychological, social, and communication elements into a consumer decision-making model, and discusses the adoption of new products. Chapter 15 addresses marketers' social responsibilities and morals with a focus on ethical issues originating from new media, and, particularly, abuses of consumers' privacy. Chapter 16 details the steps of marketing studies and tools of consumer research.

Developing Employability Skills

For students to succeed in a rapidly changing job market, they should be aware of their career options and how to go about developing a variety of skills. In this book, we focus on developing skills and prepare ourselves to work in the field of brand management, advertising, and consumer research. These are fields discussed in Chapter 1 of this book.

Instructor Teaching Resources

This text comes with the following teaching resources.

Supplements available to instructors at www.pearsonhighered.com	Features of the Supplement
Instructor's Manual	 Chapter summary Chapter outline Answers to all end-of-chapter questions Additional activities Homework assignments
Test Bank	 Over 1,600 true/false, multiple choice, and short answer questions with these annotations: Difficulty level (1 for straight recall, 2 for some analysis, 3 for complex analysis) Learning objective Skill AACSB learning standard (Reflective Thinking and Application of Knowledge)
TestGen® Computerized Test Bank	TestGen allows instructors to: Customize, save, and generate classroom tests Edit, add, or delete questions from the Test Item Files Analyze test results Organize a database of tests and student results
PowerPoint Presentations	 Slides include graphs, tables, and ads from the textbook. PowerPoints meet accessibility standards for students with disabilities. Features include, but are not limited to: * Keyboard and Screen Reader access * Alternative text for images * High color contrast between background and foreground colors

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xxviii PREFACE

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Leon G. Schiffman, Ph.D., most recently the J. Donald Kennedy Endowed Chaired Professor of Marketing, is currently a professor emeritus at The Peter J. Tobin College of Business, St. Johns University. He was previously the Lippert Distinguished Scholar of Marketing at the Zicklin School of Business of Baruch College of the City University of New York. In addition, he was Professor and Chairperson of the Marketing Department at the Graduate School of Management at Rutgers University, and a member of the faculty at Pace University.

Dr. Schiffman earned his doctorate in business from the City University of New York after receiving an MBA from the City College of New York and a BBA from Pace University. He is a nationally recognized expert on the behavior of the older consumer since his pioneering research on the psychological and sociological aspects of perceived age and innovative behavior of this segment. He has been published in numerous major marketing journals on a wide variety of topics and is frequently referenced by other researchers. He has attended over 100 national and international conferences in 35 countries. He has coauthored *Consumer Behavior* for all of its 12 editions; the book has been translated into several international editions and has been adopted by many higher education institutions in the U.S.

The recipient of various awards and honors, Dr. Schiffman has also participated in more than 60 Ph.D. dissertation committees, 25 of which he chaired. As a research practitioner, he founded a market research company where he conducted qualitative and lifestyle research and strategic planning for national and international firms, such as, AT&T, Citibank, The Hertz Corporation, Lever Brothers, Mobil Oil, and Patek Phillipe. He has also served on several boards of directors. Currently, he serves on the board of directors of the Mandl Medical College.

JOE WISENBLIT

Joe Wisenblit received his Ph.D. and Master of Philosophy from the City University of New York, and his MBA and BBA from Baruch College. He has gained national and global recognition for his research into crisis communications, voluntary simplicity, economic stagflation, marketing solar energy, targeting mature consumers, and services marketing. His research spans across managerial and pedagogical facets and has been featured in top-tier scholarly journals and presented in scores of conferences and seminars.

Dr. Wisenblit's landmark framework on integrating technology into the marketing curriculum, published in the *Journal of Marketing Education*, received an outstanding article award and has remained one of marketing's most widely cited pedagogical works. Presently, his research is focused on targeting children on the internet and via mobile devices, including the impact of parental styles and children's responses to mobile gaming apps developed by marketers. He is also completing an MFA in creative writing at Columbia University and writing fiction and nonfiction for children and young adults.



Consumer Behavior

hapter

Consumer Behavior and Technology

Learning Objectives

- **1.1** To understand the evolution of the marketing concept, what consumer behavior is, and the components of strategic marketing.
- **1.2** To understand how technology has benefited both marketers and consumers.
- **1.3** To understand providing value and satisfaction and how technology has enhanced customer loyalty and retention.
- **1.4** To understand marketers' social and ethical responsibilities.
- **1.5** To understand consumer decision-making as the foundation of this book.
- 1.6 To explain how the knowledge of consumer behavior advances seeking employment after graduation.

ARKETING is the activity, set of institutions, and processes for creating, communicating, and delivering offerings that have value for customers, clients, partners, and society.

Consumer behavior is the study of consumers' choices during searching, evaluating, purchasing, and using products and services that they believe would satisfy their needs.

Marketers uncover consumer desires that are unmet, or only partially satisfied by the products available, and create and promote superior offerings. Consumer behavior explains how people decide to spend their money, time, and effort on goods that marketers offer for sale and describes which products and brands consumers select and why, when, and where they purchase them.

The car ad in Figure 1.1 reflects Porsche's understanding of their customers' needs. People buy cars because they **need** personal transportation, but the **types** of cars they purchase reflect their psychological and sociological characteristics and lifestyles, including financial resources. The tagline in the Porsche Boxster ad in Figure 1.1 states that, "unfulfilled dreams cost a lot more," and urges buyers to "fulfill their dreams rather than deny them." Recognizing that many daydream about buying the top-of-the-line and exceptionally engineered Porsche but might feel conflicted because of its high price, the ad states that, "It is expensive to fulfill one's dreams, but it is worth the expense." The ad also reinforces the decisions of consumers who had purchased the car: "Of all the emotions you can expect while driving a Boxster, regret

FIGURE 1.1

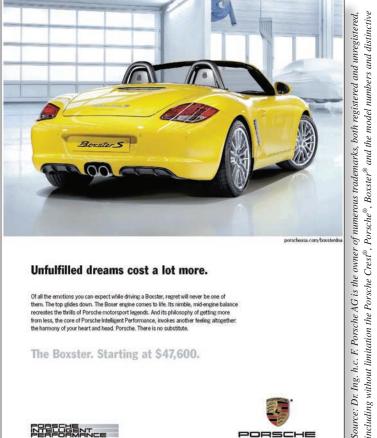
Porsche: "Unfulfilled Dreams Cost a Lot More"

marketing

The activity, set of institutions, and processes for creating, communicating, delivering, and exchanging offerings that have value for customers, clients, partners, and society.

consumer behavior

The study of consumers' actions during searching for, purchasing, using, evaluating, and disposing of products and services that they expect will satisfy their needs.



Porsche automobiles States. Used with permission of Porsche Cars North American, Inc. and Dr. shapes of.

will never be one of them," and ends with Porsche's classic tagline: "Porsche. There is no substitute."

While Porsche appeals to fulfilling a dream, an advertising campaign for the Scion's sporty car—which also appeals to young adults—features such slogans as Stand with Us by Standing Out, Make an Impression by Breaking the Mold, and Be an Icon Not an Imitation.

The prices of the two cars are far apart and the two brands target different consumer groups. Porsche tells consumers that, although the car is very pricey, it is worth the price. The much more affordable Scion also targets young people, but by appealing to drivers who want to stand out and appear distinctive from others. Nevertheless, both ads appeal to unfilled needs and demonstrate marketers' grasp of car buyers' mindsets.

It is hard to understand consumer behavior because it often defies logic and common sense. For example, one study discovered that consumers would order the least healthy food when there was a healthy choice on the menu: More consumers ordered French fries when the menu included a green salad, because the mere presence of a healthy option "licensed" eating unhealthy food. Similarly, when shown a burger alone, on average, consumers guessed that it provided 734 calories. But, when the same burger appeared alongside three celery sticks, the average guess dropped to 619. Similarly, in an experiment, half the subjects took a pill which they were told was a placebo (which it was), while the other half were told that it was a multivitamin. Those who thought they had consumed a vitamin pill consistently chose less healthy options. Thus, consumers who had dropped kale into their shopping carts were more likely to head next to the ice cream or beer sections because buying "virtuous" products tempted and justified purchasing items considered to be "vices."1

Our textbook explains such purchases by providing readers with an understanding of how and why consumers make decisions based on other factors than facts and rationality, and how marketers can target consumers more effectively if they study consumer behavior.

This chapter begins with the evolution of the marketing concept, marketing strategies for satisfying consumers' needs, and socially responsible marketing. Next, it describes how the internet and new technologies have been benefiting marketers and consumers alike. We describe the interrelationships among customer value, satisfaction, and retention, and designing more effective retention strategies by using technology.

Finally, we explain how psychology, sociology, anthropology, communications, and business ethics shape consumers' purchase decisions, and how these disciplines are the foundations of this book.

The Marketing Concept

Learning Objective

1.1 To understand the evolution of the marketing concept, what is consumer behavior is, and the components of strategic marketing.

marketing concept

The premise that marketing consists of satisfying consumers' needs, creating value, and retaining customers, and that companies must produce only those goods that they have already determined would satisfy consumer needs and meet organizational goals.

The core principle of the **marketing concept** maintains that marketers must satisfy consumer needs effectively by making only those products that consumers are likely to buy. For example, the ad in Figure 1.2 appeals to young couples who wish to wear nearly identical but also customized shoes. Following the marketing concept, the ad entices the young by gratifying their desires for affection and uniqueness. Marketing-oriented companies are those that do not try to persuade consumers to buy what the firm had already produced; instead, they make only products that satisfy consumers' needs and aim to convert first-time buyers into long-term loyal customers.

The marketing concept emerged in 1960s and replaced prior business approaches for making and selling products.

The **production concept**—conceived by Henry Ford—stated that companies must make inexpensive cars, produced uniformly, and at the lowest possible costs. In 1913, Ford introduced the assembly line, which enabled him to produce good-quality and affordable cars. In 1916, Ford offered the Model T for \$360 and quickly sold every car he had produced. Until then, cars were expensively assembled by hand and very few people could afford them. When Ford introduced the Model T, demand exceeded supply because buyers eagerly bought the first affordable automobiles ever made. Knowing that he would sell as many cars as he could make, Ford supposedly stated that, "consumers can have cars in any color they want as long as it's black."

Ford's dominance of the automobile market was short-lived, even though his innovative production system fueled a rapidly growing demand for cars. In 1923, Alfred Sloan became the leader of General Motors—a company that included car makers that had not been profitable because they produced assorted models without finding out in advance whether or not they were meeting buyers' needs. While Ford remained focused only on

FIGURE 1.2

An Illustration of the Marketing Concept



Source: Vans, a VF Company

producing reasonably priced cars and ignored consumers' preferences, Sloan stated that, "the best way to serve the customer is the way the customer wants to be served," and in 1924, he created the family of cars—automobiles for every purse and purpose. While Henry Ford ignored customers' diverse needs, Alfred Sloan understood that all consumers are not alike: firms must study consumers' diverse needs and satisfy the desires of specific customer segments.²

Some companies mistakenly assumed that satisfying consumers' needs meant marketing products that *offer* the most features—a premise termed the **product concept**—and ignored buyers who would rather buy simpler and easier-to-use products.

Focusing exclusively on adding features results in **marketing myopia**, which means *centering* on the *product itself* rather than the *need it is designed to fulfill*. This short-sighted (or myopic) approach applies to companies that ignore consumer needs and *look in the mirror rather than through the window*. For example, Apple's software was licensed to be installed *only* on Mac computers. Thus, Mac owners could not share their pictures and other content with the owners of non-Macs because Apple ignored consumers' needs to be able to share their materials with others. In contrast, Microsoft licensed DOS (disk operating system) to all computer manufacturers, which enabled consumers to purchase hardware and software separately rather than combined. Although DOS was harder to use and less efficient than Apple's operating system, most consumers bought DOS. Apple became an insignificant entity for a long time because it mistakenly focused only on its product and lost sight of consumers' wants

Before the development of marketing focused on consumers, many companies had followed the **selling concept**—a premise that companies should sell what they had already made instead of making only those products they could sell. Sellers assumed that consumers would buy their products only if aggressively persuaded to do so (i.e., hard sell), and did not realize that people who were pressured to buy mostly low-quality offerings will not buy them again. Additionally, most unhappy buyers share their dissatisfaction with other consumers, dissuading them from dealing with aggressive salespeople.

MARKET SEGMENTATION, TARGETING, AND POSITIONING

Satisfying consumer needs consists of recognizing the diversity of consumers and their desires. Humans share identical *biological* needs such as nourishment, air, water, and shelter, but they develop *psychological* needs shaped by upbringing, culture, social stratum, financial resources, and education.

Market segmentation is dividing a market into subsets of consumers with common needs or characteristics. It identifies groups with shared needs that are distinctly different from those of other consumers termed *market segments*. Targeting is selecting the segments that the company views as prospective customers and pursuing them with distinct offerings. Positioning takes place when a company creates a distinct *image* and identity for its products, services, and brands in consumers' minds. The image must *differentiate* the company's offering from that of the competition by stressing the product's unique benefits in promotional appeals and persuading the targeted consumers that the product fulfills their specific needs. Because there are many similar products in almost any marketplace, effective positioning is essential. In fact, most new products (including new forms of existing products, such as new flavors and sizes) fail to capture significant market shares and are discontinued because consumers perceive them as *me too* products lacking a unique image or benefit.

Segmentation, targeting, and positioning are implemented across the four components of the **marketing mix (the four Ps)**:

- 1. *Product or service:* The features, designs, brands, and packaging, along with post-purchase benefits such as warranties and return policies
- 2. Price: The list price, discounts, allowances, and payment methods
- 3. Place: The distribution of the product or service through stores and other outlets
- **4.** *Promotion:* The advertising, sales promotion, public relations, and sales efforts that develop product awareness and demand

marketing myopia

A focus on the product rather than on the needs it presumes to satisfy.

market segmentation

The process of dividing a market into subsets of consumers with common needs or characteristics. Each subset represents a consumer group with shared needs that are different from those shared by other groups.

positioning

The process by which a company creates a distinct image and identity for its products, services, and brands in consumers' minds. The image differentiates the company's offering from competition by communicating to the target audience that the product, service, or brand fulfills the target consumers' needs better than alternatives.

marketing mix (four Ps)

The component of the business plan that includes four elements: the product (or service), price, place (or distribution), and promotion.

Technology Benefits Consumers and Marketers

Learning Objective

technology has benefited both marketers and consumers.

Technological innovations have transformed consumer behavior and marketers' selection and targeting of potential customers. For example, traditional advertising is a one-way process where marketers pay large sums of money to reach large numbers of potential buyers via mass media, and can assess whether promotional messages were effective only after the fact, by looking at sales and post-purchase research studies. In contrast, electronic communications enable a two-way interactive exchange in which consumers instantly react to marketers' messages by, say, clicking on links after receiving ads while online. Thus, marketers can gauge the effectiveness of their promotional messages instantly, instead of relying on delayed feedback.

In response to questions about increasing brand shares, many marketing executives cited the following plans: improving digital sites, increasing social media activity, and switching resources from traditional to digital media.³

THE VALUE EXCHANGE

Let's say you are in a strange city and need a hotel for the night. You pull out your smartphone, search for hotels on Google, and find a nearby lodging listed at the top of the list. You tap the call button and request a room. And just like that, Google made money. That button you had pressed was a *click-to-call ad*, and the hotel paid Google for it when you called, whether or not you booked a room.

Nevertheless, when you used your phone, it revealed who you are and your location. When consumers use their computers, mobile phones, electronic readers, tablets, and other electronic gadgets, they provide marketers with detailed data that enables companies to target them immeasurably more effectively than during the pre-internet days. Thus, technologies create a *value exchange*. Marketers provide value to consumers by giving them the means to shop more efficiently, become better informed, buy customized products, and have access to entertainment and information. But consumers pay for the seemingly free content by revealing themselves and giving marketers virtually unlimited information about themselves.

For example, at Amazon, buyers find books instantly, read sample pages and reviews posted by other readers, and begin reading books within minutes after placing their orders, as opposed to visiting a physical store, picking up a heavy paper copy, standing in line to pay, and then carrying the book home. When consumers visit Amazon's website, the company records every aspect of their visits—the books, the sample pages and reviews they examined, and how long they stayed at the site. Amazon builds long-term relationships with customers by offering individual recommendations and also participates in information exchange networks that enable marketers to place ads that follow consumers online with ads for products that presumably match their past shopping patterns.

Advertisers are offering more and more original content online because viewers are watching programs on mobile phones and tablets, and the lines between traditional television and internet video have become blurred. Advertisers are also shifting dollars from traditional display advertising to sites such as Facebook that can deliver huge audiences. Many advertisers say they worry that with so much new content being thrown at the market on so many different platforms, audiences for individual shows will become even more fragmented and microscopic than they already are.⁴

LOWER PRICES, MORE INFORMATION, AND CUSTOMIZED PRODUCTS

Increasingly, consumers have been relying on information from websites and purchasing daily-use products—such as apparel—digitally. Nevertheless, even with the abundance of digital devices, during a 6-month span, 82 percent of apparel shoppers bought their clothes

in physical stores.⁵ Additionally, many shoppers who had ordered online chose to pick up these orders in stores rather than have them delivered to their homes. For example, Amazon enables consumers to pick up ordered books in physical bookstores. The main reason for returning products to stores has been getting a refund right away and looking around the store for replacing the items returned. Regardless of whether the item was ordered online or purchased at a store, studies indicate that social media have significantly influenced choices, and comparing products online was the primary source of information in making purchase decisions.⁶ Additionally, online shoppers are more frugal and fewer buy on impulse.⁷ Furthermore, since consumers can easily track prices on their smartphones and other devices, they know they have the upper hand over retailers and more likely to haggle over prices.⁸

Technology created sophisticated and discerning consumers who are hard to attract, satisfy, and retain. But, it has also enabled forming more refined targeting: marketers can now customize their offerings and promotional messages, offer more effective pricing and shorter distribution channels, and build long-term relationships with customers more easily. They can also identify opportunities for creating new offerings, improve and extend existing products, and gather detailed consumer data by online tracking and combining it with demographic and lifestyle data gathered offline.

Online, consumers can often pay less by bidding on products, bypassing traditional distribution outlets and middlemen, and shopping around the globe and around the clock. They can also compare the features of various product models and engage in social networking with other consumers who share the same interests and provide information and advice about products and services. And, while browsing inside stores, consumers often use their mobile phones to check out the prices of comparable products in other stores. This practice has forced stores such as Target to match the online prices of rival retailers. Apple unveiled a digital bookstore that would reduce the prices of high school textbooks by almost 90%. 10

Increasingly, marketers have been offering personalized products. Consider these examples:

- 1. To boost sales, Barnes & Noble launched an online program allowing parents to personalize books by inserting the names and photos of their children and making them characters in stories.
- 2. Oakley, the world's primary seller of high-end sunglasses, offers models designed for various lifestyles and sports, and even Asian-fit glasses. Most of Oakley's sunglasses can be customized—consumers can select frames, choose shapes and colors of lenses, select different colors for the ear-socks (the "sides" of the frames), and even have their initials elegantly etched on the lenses.
- 3. One women's clothing retailer sends customers boxes of clothes that are selected by a combination of personal stylists, data collected online, and information from other sources. There is also a high-end personal stylist service for men. Customers work directly with a stylist who takes their measurements, discusses style options, and then chooses a personalized box of clothing.
- **4.** A digital tailor makes custom shirts for men. Customers use an iPhone or iPad camera to allow the tailor to take measurements digitally, and then customize shirts by collar, cuff, and fabric, as well as determine whether the customer wants to wear the shirt tucked or untucked.
- 5. At a company that makes custom-fit bras, new customers fill out a detailed question-naire and are categorized into one of several fit types. The site displays items customized for that type and customers can order a box of up to four bras to try on at home, with free returns.¹¹
- **6.** At CVS Pharmacy, customers who belong to the chain's loyalty program receive offers and discounts on items based on past purchases. ¹² As another example, CVS

may vary the initial display that returning buyers see when they revisit its website. Buyers whose past purchases indicated that they tend to buy national brands will see a display arranged by brand. Past purchasers who bought mostly products that were on sale or generic brands will see a display categorized by price and discounted products.

- 7. Grocers such as Safeway and Kroger are offering individualized prices based on shoppers' behaviors that could encourage them to spend more. Their pricing encourages a buyer to purchase a bigger box of Tide and bologna if the retailer's data suggest that the shopper has a large family, and expensive bologna if the data indicate that the shopper is not greatly price-conscious. As another example, a 24-pack of Brand X bottled water costs \$2.71 for Ms. A but \$3.69 for Ms. B. Ms. A's loyalty data indicate that she likes Brand X products, but not its bottled water. The store encourages Ms. A to put another Brand X product into her grocery cart, with the hope that she will keep buying it, whereas Ms. B is unlikely even to try Brand X bottled water.
- **8.** Some stores have a mobile app that allows shoppers to scan products. When they do, the store identifies them through their frequent shopper number or phone number, and knows where in the store they are. Special e-coupons are created on the spot. Thus, if someone is in the baby aisle and they just scanned diapers, the store presents them at that point with a coupon for a baby formula or baby food, based on the presumed age of their baby and what food the baby might be ready for.¹³
- 9. Stores have been developing devices that personalize in-store shopping. One makeup marketer installed in-store touch-screen televisions to demonstrate the perfect smoky eye, something that was once the exclusive domain of makeup artists. Another store enables shoppers to use a touchpad to personalize the lighting and music in dressing rooms (there is also a button in case they need help).¹⁴

Realizing that sooner or later electronic systems will replace cash and credit cards, several retailers have been developing mobile-payment systems to compete with similar products from Google and cell-phone companies. ¹⁵ *Lucky* magazine—a "shopping bible" for women—has introduced a service that saves women the cost and time of driving. A shopping site called myLuckymag.com directs readers to buy clothing and accessories directly from more than a dozen retailers. ¹⁶ Many online merchants now offer an "automatic recurring shipment" feature, which appeals to shoppers who like to order habitually needed products, such as paper goods and personal care products, online.

When consumers compare products online, they look at the features and attributes of various models and brands side-by-side. For example, when comparing digital cameras, the most prominent evaluative attributes include the lens, screen, megapixels, light sensor, weight, and photo editing capabilities. Most websites of companies selling comparable brands offer visitors the opportunity to compare models and brands within a single screen, and offer one-click access to more detailed technical information. By observing consumers' comparisons, marketers can identify their direct competitors and the product attributes that consumers consider the most important.

The internet drastically improved consumers' access to the information they need when they buy products for the first time or replace them, and simultaneously has enabled marketers to gather more precise data about consumers by *observing* shoppers rather than relying on their *responses* to post-purchase surveys. For instance, car manufacturers that enable consumers to design their cars online from the ground up can quickly determine which colors, features, and accessories are most popular. They can also find out which combinations of features and car attributes are the most desirable and add models with such configurations.

Although many mistakenly assumed that the internet is for the young, consumers of all ages have been buying online and using technology, as illustrated in Figure 1.3 and Figure $1.4.^{17}$

FIGURE 1.3

The Ownership of Technological Gadgets across Age Groups (percentages)

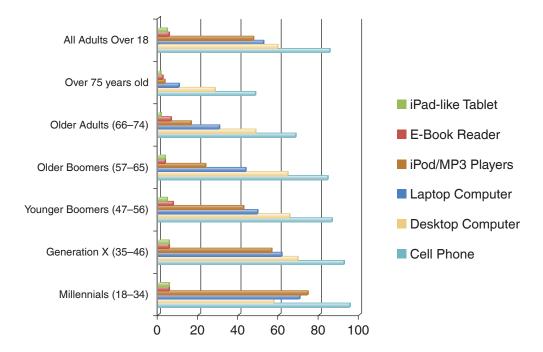
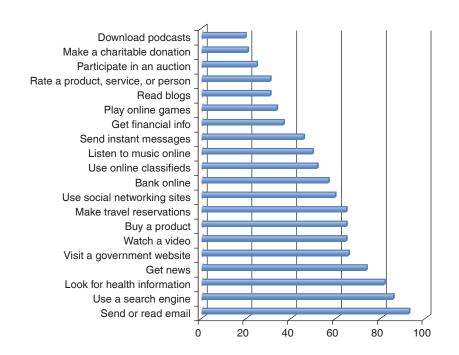


FIGURE 1.4

Americans' Most Prominent Online Activities (percentages)



MORE PRECISE TARGETING

Online data enable data brokers and marketers to exchange information and allow data aggregators to track who is interested in what through "cookies" (invisible bits of code stored on webpages). When someone does a search, for example, cheapair.com, for first-class flights to Paris in September, that information is captured by a cookie and cheapair. com can sell that cookie using exchanges such as eXelate or BlueKai. Let's assume that Hilton wishes to target people who visited travel-related sites recently, rather than use banner ads or promotional messages in offline media to attract customers. Hilton logs into the exchange and selects the criteria for the people it wants to reach. Making it simple, let's