

Entertainment Industry Economics

A Guide for Financial Analysis, Tenth Edition

Already among the most important sectors of the U.S. economy, the entertainment and media industries are continuing to grow worldwide. Fully updated, the tenth edition of *Entertainment Industry Economics* is the definitive reference on the economics of film, music, television, advertising, broadcasting, cable, casinos, publishing, arts and culture, performing arts, toys and games, sports, and theme parks. Its synthesis of a vast amount of data provides an up-to-date guide to the economics, financing, accounting, production, marketing, and history of these sectors in the United States and countries across the globe. This edition offers new material on streaming services, the relationship between demographics and entertainment spending, electromagnetic spectrum for broadcasters, and music industry sales as related to GDP. Financial analysts and investors, economists, industry executives, accountants, lawyers, regulators, and journalists, as well as students preparing to join these professions will benefit from this comprehensive source.

Harold (Hal) L. Vogel, PhD, CFA, was the senior entertainment and media analyst at Merrill Lynch & Co., Inc. and has taught at the Columbia Business School in New York and the Cass Business School in London. His books include *Travel Industry Economics: A Guide for Financial Analysis*, 3rd edition (2016) and *Financial Market Bubbles and Crashes: Features, Causes, and Effects*, 2nd edition (2018).

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*Entertainment
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A Guide for Financial Analysis
TENTH EDITION

Harold L. Vogel



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TO MY DEAR FATHER
– WHO WOULD HAVE BEEN SO PROUD

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10th Edition
Frontmatter
[More Information](#)

Contents

<i>Preface</i>	<i>page</i> xix
Part I Introduction	1
Chapter 1 Economic Perspectives	3
1.1 Time Concepts	3
Leisure and Work	3
Recreation and Entertainment	4
Time	5
Expansion of Leisure Time	5
1.2 Supply and Demand Factors	9
Productivity	9
Demand for Leisure	11
Expected Utility Comparisons	13
Demographics and Debts	14
Barriers to Entry	17
	vii

viii	<i>Contents</i>
1.3 Primary Principles	18
Marginal Matters	18
Price Discrimination	21
Public-Good Characteristics	23
1.4 Personal-Consumption Expenditure Relationships	23
1.5 Price Effects	27
1.6 Industry Structures and Segments	29
Structures	29
Segments	30
1.7 Valuation Variables	35
Discounted Cash Flows	35
Comparison Methods	37
Options	38
1.8 Concluding Remarks	38
Notes	39
Further Reading	46
Chapter 2 Basic Elements	48
2.1 Psychological Roots	48
2.2 Rules of the Road	49
Laws of the Media	49
Network Features	52
2.3 Legal Layers and Limitations	54
Layers	54
Limitations and Concentration Issues	55
2.4 The Internet	56
Agent of Change	56
Big Data and AI (Artificial Intelligence)	61
Long-Tail Effects	62
2.5 Advertising	64
Functionality	66
Economic and Business Aspects	67
2.6 Accounting and Valuation	70
Accounting	70
Valuation	70
2.7 Concluding Remarks	71

<i>Contents</i>	ix
Notes	71
Further Reading	83
Part II Media-Dependent Entertainment	87
Chapter 3 Movie Macroeconomics	89
3.1 Flickering Images	90
3.2 May the Forces Be with You	92
Evolutionary Elements	92
Technology	92
Capital	95
Pecking Orders	96
Exhibition	96
Production and Distribution	97
3.3 Ups and Downs	99
Admission Cycles	99
Prices and Elasticities	100
Production Starts and Capital	102
Releases and Inventories	104
Market-Share Factors	110
Collateral Factors	110
Exchange-Rate Effects	110
Trade Effects	111
Financial Aggregates	113
3.4 Markets – Primary and Secondary	113
3.5 Assets	117
Film Libraries	117
Technology	117
Utilization Rates	119
Interest and Inflation Rates	119
Collections and Contracts	121
Library Transfers	121
Real Estate	124
3.6 Concluding Remarks	124
Notes	124
Further Reading	132
Chapter 4 Making and Marketing Movies	134
4.1 Properties – Tangible and Intangible	134

x	<i>Contents</i>
4.2 Financial Foundations	136
Common-Stock Offerings	137
Combination Deals	137
Limited Partnerships and Tax Shelters	138
Bank Loans	141
Private Equity and Hedge Funds	142
4.3 Production Preliminaries	143
The Big Picture	143
Labor Unions and Guilds	146
4.4 Marketing Matters	147
Distributors and Exhibitors	147
Sequencing	147
Distributor–Exhibitor Contracts	148
Release Strategies, Bidding, and Other Related Practices	152
Exhibition Industry Characteristics:	
(a) Capacity and Competition	154
(b) Rentals Percentage	156
Video, Output Deals, and Merchandising	159
Video	159
Output Deals	161
Merchandising	162
Marketing Costs	162
4.5 Economic Aspects	163
Profitability Synopsis	163
Theoretical Foundation	164
4.6 Concluding Remarks	168
Notes	169
Further Reading	198
Chapter 5 Financial Accounting in Movies and Television	205
5.1 Dollars and Sense	205
Contract Clout	205
Orchestrating the Numbers	206
5.2 Corporate Overview	207
Revenue-Recognition Factors	207
Inventories	208
Amortization of Inventory	209
Unamortized Residuals	210
Interest Expense and Other Costs	212
Calculation Controversies	212
Statement of Position 00–2	214

<i>Contents</i>	xi
5.3 Big-Picture Accounting	217
Financial Overview	217
Participation Deals	223
Pickups	223
Coproduction-Distribution	223
Talent Participations and Breakeven	224
Producers’ Participations and Cross-Collateralizations	228
Video Participations	229
Distributor–Exhibitor Computations	229
Distributor Deals and Expenses	231
Studio Overhead and Other Production Costs	234
Budgets High and Low	235
5.4 Television-Programming Accounting	240
Feature Licensing	240
Program Production and Distribution	241
Development and Financing Processes	241
Syndication Agreements	244
Costs of Production	246
Costs and Problems of Distribution	247
Timing Troubles	248
5.5 Weakest Links	251
Exhibitors: The Beginning and the End	251
Distributor–Producer Problems	252
5.6 Concluding Remarks	253
Notes	254
Further Reading	279
Chapter 6 Music	281
6.1 Feeling Groovy	281
6.2 Size and Structure	284
Economic Interplay	284
The American Scene	284
The Global Scene	289
Composing, Publishing, and Managing	290
Royalty Streams	291
Performances	291
Mechanical Royalties	292
Synchronization Fees	293
Copyright	293
Guilds and Unions	294
Concerts and Theaters	294

xii	<i>Contents</i>
6.3 Making and Marketing Recordings	295
Deal-Maker’s Delight	295
Production Agreements	295
Talent Deals	297
Production Costs	298
Marketing Costs	298
Distribution and Pricing	299
Structure	299
Pricing	301
6.4 Financial Accounting and Valuation	301
Artists’ Perspective	301
Company Perspective	305
Valuation Aspects	307
6.5 Concluding Remarks	309
Notes	309
Further Reading	325
Chapter 7 Broadcasting	328
7.1 Going on the Air	328
Technology and History	328
Basic Operations and Spectrum	331
Basic Operations	331
Spectrum	335
Regulation	337
Organizational Patterns and Priorities	337
Networks and Affiliates	337
Ratings and Audiences	340
Inventories	342
Independent and Public Broadcasting Stations	343
7.2 Economic Characteristics	344
Macroeconomic Relationships	344
Microeconomic Considerations	346
7.3 Financial-Performance Characteristics	347
Variable Cost Elements	347
Financial-Accounting Practices	349
7.4 Valuing Broadcast Properties	351
7.5 Concluding Remarks	353
Notes	355
Further Reading	367

<i>Contents</i>	xiii
Chapter 8 Cable	372
8.1 From Faint Signals	372
Pay Services Evolve	373
8.2 Cable Industry Structure	374
Operational Aspects	374
Franchising	378
Revenue Relationships	380
8.3 Financial Characteristics	383
Capital Concerns	383
Accounting Conventions	385
8.4 Development Directions	387
Pay-Per-View	387
Cable’s Competition	388
DBS/DTH and Other (MMDS, SMATV, and STV)	388
Telephone Companies	389
8.5 Valuing Cable-System Properties	390
8.6 Concluding Remarks	392
Notes	393
Further Reading	401
Chapter 9 Publishing	405
9.1 Gutenberg’s Gift	405
First Words	405
Operating Characteristics	406
9.2 Segment Specifics	408
Books	408
Educational and Professional	409
Trade	410
Periodicals	413
Newspapers	413
Magazines and Other Periodicals	416
9.3 Accounting and Valuation	418
Accounting	418
Valuation	419
9.4 Concluding Remarks	419
Notes	420
Further Reading	423

xiv	<i>Contents</i>
Chapter 10 Toys and Games	428
10.1 Not Just for Kids	428
Financial Flavors	429
Building Blocks	432
10.2 Chips Ahoy!	433
<i>Pong</i> : Pre and Après	434
10.3 Structural Statements	436
Game Evolution	436
Profit Dynamics	438
Coin-Op	439
10.4 Concluding Remarks	440
Notes	441
Further Reading	449
 Part III Live Entertainment	 453
Chapter 11 Gaming and Wagering	455
11.1 From Ancient History	455
At First	455
Gaming in America	456
Preliminaries	456
The Nevada Experience	459
Enter New Jersey	460
Horse Racing	461
Lotteries	462
Other Wagering Segments	462
Asia’s Jackpot	464
11.2 Money Talks	466
Macroeconomic Matters	467
Funding Functions	468
Regulation	469
Financial Performance and Valuation	471
11.3 Underlying Profit Principles and Terminology	472
Principles	472
Terminology and Performance Standards	474
11.4 Casino Management and Accounting Policies	477
Marketing Matters	477
Cash and Credit	478
Procedural Paradigms	480

<i>Contents</i>	xv
11.5 Gambling and Economics	481
11.6 Concluding Remarks	484
Notes	484
Further Reading	492
Chapter 12 Sports	497
12.1 Spice Is Nice	497
Early Innings	497
Media Connections	499
Wagering Connections	502
12.2 Operating Characteristics	503
Revenue Sources and Divisions	503
Labor Issues	504
12.3 Tax Accounting and Valuation	506
Tax Issues	506
Historical Development	506
Current Treatments	508
Asset Valuation Factors	509
12.4 Sports Economics	509
12.5 Concluding Remarks	513
Notes	513
Further Reading	525
Chapter 13 Performing Arts and Culture	533
13.1 Audiences and Offerings	534
Commercial Theater	535
On and Off Broadway	535
Circus	539
Orchestras	540
Opera	541
Dance	541
13.2 Funding Sources and the Economic Dilemma	541
13.3 The Play’s the Thing	544
Production Financing and Participations	544
Operational Characteristics	546
13.4 Art Markets and Museums	548
Art Markets	548
Museums	550

xvi	<i>Contents</i>
13.5 Economist Echoes	550
Organizational Features	551
Elasticities	551
Price Discrimination	552
Externalities	552
About Cultural Economics	553
13.6 Concluding Remarks	553
Notes	555
Further Reading	564
Chapter 14 Amusement/Theme Parks	571
14.1 Flower Power	571
Gardens and Groves	571
Modern Times	572
14.2 Financial Operating Characteristics	576
14.3 Economic Sensitivities	579
14.4 Valuing Theme Park Properties	580
14.5 Concluding Remarks	581
Notes	582
Further Reading	583
Part IV Roundup	587
Chapter 15 Performance and Policy	589
15.1 Common Elements	589
15.2 Public Policy Issues	592
15.3 Guidelines for Evaluation	593
15.4 Final Remarks	597
<i>Appendix A:</i> Sources of Information	598
<i>Appendix B:</i> Major Games of Chance	600
B.1 Blackjack	600
B.2 Craps	601
B.3 Roulette	602

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10th Edition
Frontmatter
[More Information](#)

<i>Contents</i>	xvii
B.4 Baccarat	602
B.5 Slots	603
Notes	604
<i>Appendix C:</i> Supplementary Data	606
<i>Glossary</i>	612
<i>References</i>	636
<i>Index</i>	703

Cambridge University Press
978-1-108-49308-6 — Entertainment Industry Economics
10th Edition
Frontmatter
[More Information](#)

Preface

en·ter·tain·ment – an activity that is diverting, amusing, or pleasing and that agreeably occupies the viewer’s time and attention;

in·dus·try – a specific branch of a craft, art, business, or trade that involves a division of labor and that requires significant investment capital and employs many people in organizations with similar technological and organizational structures used to provide goods and services that are largely substitutable;

ec·o·nom·ics – a social science that studies how wealth is created, distributed, used, and consumed and that considers costs and returns.

Each year, Americans cumulatively spend at least 175 billion hours and more than \$350 billion on legal forms of entertainment. And globally, total annual spending is approaching one trillion dollars. So we might begin by asking: What is entertainment, why is there so much interest in it, and what do its many forms have in common?

At the most fundamental level, anything that stimulates, encourages, or otherwise generates a condition of pleasurable diversion could be called entertainment. The French word *divertissement* perhaps best captures this essence.

But entertainment can be much more than mere diversion. It is something that is universally interesting and appealing because, when it does what it is intended to do, it moves you emotionally. As the Latin root verb *tenare* suggests, it grabs you: It touches your soul. And it provides experiences that you could or would not otherwise have had.

Although life is full of constraints and disciplines, responsibilities and chores, and a host of things disagreeable, entertainment, in contrast, encompasses activities that people enjoy and look forward to doing,

hearing, or seeing. This is the basis of the demand for – or the consumption of – entertainment products and services; this is the primary attribute shared by the many distinct topics – from cinema to sports, from theme parks to theater – that are discussed in the pages that follow.

Entertainment – the cause – is thus obversely defined through its effect: a satisfied and happy psychological state. Yet, somehow, it matters not whether the effect is achieved through active or passive means. Playing the piano can be just as pleasurable as playing the stereo.

Entertainment indeed means so many different things to so many people that a manageable analysis requires that sharper boundaries be drawn. Such boundaries are here established by classifying entertainment activities into industry segments; that is, enterprises or organizations of significant size that have similar technological structures of production and that produce or supply goods, services, or sources of income that are largely substitutable.

Classification along those lines facilitates contiguous discussion of entertainment *software*, as we might more generically label films, recordings, and video games, and of *hardware* – the physical appurtenances and equipment on or in which the software's instruction sets are executed. Such classification also allows us to trace more easily the effects of technological developments in this field.

So accustomed are we now to continuous improvements in the performance of entertainment hardware and software that we have trouble remembering that early in the twentieth century moving pictures and music recordings were novelties, radio was regarded as a modern-day miracle, and television was a laboratory curiosity. Simple transistors and lasers had yet to be invented and electronic computers and Earth-orbiting communications satellites were still in the realm of science fiction.

These fruits of applied technology have nevertheless spawned new art forms and vistas of human expression and have brought to millions of people around the world, virtually at the flick of a switch, a much more varied and higher-quality mix of entertainment than had ever before been imagined feasible.

Little or none of this, however, has happened because of *ars gratia artis* (art for art's sake) – in itself a noble but ineffectual stimulus for technological development. Rather, it is *economic forces* – profit motives, if you will – that are always behind the scenes, regulating the flows and rates of implementation. Those are the forces that shape the relative popularity and growth patterns of competing, usually interdependent, entertainment activities and products. And those are the forces that ultimately make available to the masses what was previously affordable only to upper income classes. As Cowen (1998, p. 2) writes, “economic forces have had stronger effect on culture than is commonly believed.”

It is therefore surprising to find that most serious examinations of the economics of entertainment are desultory and scattered among various pamphlets, trade publications and journals, stockbrokers' reports, and

Preface

xxi

incidental chapters in books on other topics. The widely available popular magazines and newspapers, biographies, histories, websites and technical manuals do not generally provide in-depth treatments of the subject.

This book, then, is a direct outgrowth of my search for a single comprehensive source. It attempts to present information in a style accessible and interesting to general readers. As such, it should prove to be a handy reference for executives, financial analysts and investors, agents and legal advisors, accountants, economists, and journalists. The approach is holistic; executives and analysts in any one sector increasingly need to also understand how related and adjacent sectors operate.

Entertainment Industry Economics will, however, most likely be used as a text for graduate or advanced undergraduate students in applied media economics and management/administration courses in film and television, music, communications, publishing, sports, performing arts, and hotel-casino operations. Instructors should find it easy to design one-semester courses focused on one or two areas. A minimal grasp of what entertainment and media economics is all about would require that most students read at least the first sections of Chapters 1 and 2 and, at the end of the course, the first section of Chapter 15.

Yet many different modules can readily be assembled and tailored. Among the most popular would be concentrations on film, television, and music (Chapters 2 through 8); gaming and sports (Chapters 7, 8, 11, and 12); arts and popular culture (Chapters 6, 7, 9, 10, and 13); or entertainment merchandising and marketing (Chapters 2, 7, 9, 10, and 14).

The topics covered in the book have been chosen on the basis of industry size measured in terms of consumer spending and employment, length of time in existence as a distinct subset, and availability of reliable data. In a larger sense, however, topics have been selected with the aim of providing no more and no less than would be required by a “compleat” entertainment and media industry investor. The perspectives are thus inevitably those of an investment analyst, portfolio manager, and economist. Although this decision-oriented background leads naturally to an approach that is more practical and factual than highly theoretical, it nevertheless assumes some familiarity, supported by the appended glossary, with the language of economics and finance.

This tenth edition has been further revised and updated and differs from its predecessors through inclusion of additional material on the impact of streaming services on all segments, how spending on media and entertainment is related to demographics and is affected by changes in social mood characteristics (socioeconomics), music sales as related to country GDP, extended coverage of the economics of leisure, art markets and museums, and a new section on electromagnetic spectrum auctions for radio and television broadcasts. This edition also indicates in **boldface** type which of the end-of-chapter further reading items can conveniently form the basis for case studies and class discussions.

I am especially grateful to Elizabeth Maguire, former editor at Cambridge University Press, for her early interest and confidence in this project. Thanks are also owed to Cambridge's Rhona Johnson, who worked on the first edition, to Scott Parris, former longtime Cambridge economics editor, for the third through eighth, to Karen Maloney for the ninth and tenth, and to expert copyeditor Alison Tickner for the tenth.

I am further indebted to those writers who earlier cut a path through the statistical forests and made the task of exposition easier than it otherwise would have been. Particularly noteworthy are the books of John Owen on demand for leisure, Paul Baumgarten and Donald Farber on the contractual aspects of filmmaking (first edition; and second with Mark Fleischer), David Leedy on movie industry accounting, David Baskerville and Sidney Shemel and M. William Krasilovsky and Donald Passman on the music business, John Scarne and Bill Friedman on the gaming field, Gerald W. Scully and Andrew Zimbalist on sports, William Baumol and William Bowen on the performing arts, and Robert Prechter, Jr. on how changes in social moods (i.e., socionomics) drive fads, fashions, and crazes and thereby influence what's popular (or not) in all entertainment products and services. Extensive film industry commentaries and data collections by A. D. Murphy of *Variety* (and later, *The Hollywood Reporter* and the University of Southern California) were important additional sources.

My thanks also extend to the following present and former senior industry executives who generously took time from their busy schedules to review and to advise on sections of the first edition draft. They and their company affiliations at that time were Michael L. Bagnall (The Walt Disney Company), Jeffrey Barbakow (Merrill Lynch), J. Garrett Blowers (CBS Inc.), Erroll M. Cook (Arthur Young & Co.), Michael E. Garstin (Orion Pictures Corp.), Kenneth F. Gorman (Viacom), Harold M. Haas (MCA, Inc.), Howard J. Klein (Caesars New Jersey), Donald B. Romans (Bally Mfg.), and James R. Wolford (The Walt Disney Company). Greatly appreciated, too, was the comprehensive critique provided by my sister, Gloria. Acknowledgments for help on data are also owed to Arthur Gruen, Arnold W. Messer (Columbia Pictures Entertainment) and Angela B. Gerken (Viacom). Gratitude for improvements and updates of tenth edition music figures and advertising estimates is also respectively owed to Jonathan Handel and to Brian Wieser of Pivotal Research (and now of GroupM).

Although every possible precaution against error has been taken, for any mistakes that may inadvertently remain the responsibility is mine alone.

I've been greatly pleased by the success of the previous editions and, as before, my hopes and expectations are that this work will provide valuable insights and a thoroughly enjoyable adventure.

Now . . . on with the show.

Harold L. Vogel
 New York City
 January 2020