EXCERPT

2020 MERGERSTAT® REVIEW

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2020 MERGERSTAT® REVIEW

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TABLE OF CONTENTS

LIST OF TABLES		
SUMMARY OF CHARTS	10	
ACKNOWLEDGMENTS	14	
LETTER FROM THE EDITOR	15	
INTRODUCTION	17	
PART ONE: STATISTICAL ANALYSIS	19	
1. Aggregate Merger and Acquisition Announcements	21	
2. Composition of Aggregate Net Merger and Acquisition Announcements	27	
3. Method of Payment	36	
4. P/E Offered	41	
5. Premium Offered	46	
6. Divestitures	53	
7. Publicly Traded Sellers	59	
8. Privately Owned Sellers	68	
9. Foreign Sellers	73	
10. Aggressive Buyers	75	
11. 2019 Mergerstat [®] Financial Advisor Ranking	76	
12. 2019 Mergerstat [®] Legal Advisor Ranking	77	
13. Termination Fees	78	
14. Private Equity Snapshot 2019	83	
PART TWO: SECTOR AND INDUSTRY ANALYSIS	85	
15. Mergerstat [®] Sector Groups	87	
16. Mergerstat [®] Industry Groups	90	
17. Sector/Industry Activity	92	
18. Sector/Industry Multiples	106	
19. Sector/Industry Premiums	114	
20. Sector/Industry Composition	116	
21. Cross-Border Activity by Sector/Industry	126	
PART THREE: GEOGRAPHICAL ANALYSIS	135	
22. U.S. Sellers and Buyers by Region	137	
23. Foreign Buyers	141	
24. Foreign Sellers	148	

TABLE OF CONTENTS

(continued)

PART FOUR: CURRENT YEAR ROSTERS	153
25. Private Equity Transactions	155
26. Completed/Pending Transactions With Pricing Disclosed	156
a. Transaction Roster by Sector 2019	157
b. Transaction Roster by Industry 2019	193
27. Cancelled Transactions With Pricing Disclosed	230
28. Transactions With Either Buyer or Seller Termination Fees Disclosed	244
29. Composition of Mergerstat® Review \$1 Billion Club 2019	257
30. Global Transactions	276
31. Top 20 Transactions by Country/Region	284
PART FIVE: HISTORICAL REVIEW	295
32. 20-Year Statistical Review	297
33. Record Holders	300
34. 100 Largest Announcements in the Last 20 Years	304
35. Largest Announcements in the Last 20 Years by Sector	309
PART SIX: TRANSACTIONS BY SIC	315
36. 2019 List of Transactions by Seller SIC Code	317
GLOSSARY OF TERMS	451
INDEX	453
MERGERSTAT® SECTOR CLASSIFICATIONS	457
MERGERSTAT® INDUSTRY CLASSIFICATIONS	458

LIST OF TABLES

#	Title	Page		
Table 1-1	Net Merger and Acquisition Announcements 2000-2019	22		
Table 1-2	Quarterly Net Announcements 2000-2019	26		
Table 1-3	First Quarter 2015 Through Fourth Quarter 2019	27		
Table 1-4	Purchase Price 2000-2019			
Table 1-5	Composition of Net Merger and Acquisition Announcements 2015-2019	33		
Table 1-6	Distribution of Sellers by Revenues 2015-2019	34		
Table 1-7	Payment Trends 2000-2019	37		
Table 1-8	Composition of Net Acquisition Announcements: Payment Breakdown 2015-2019	38		
Table 1-9	Comparison by Value of Deals 2015-2019	39		
Table 1-10	Contingent Payouts 2010-2019	40		
Table 1-11	Distribution of P/E Ratios Offered 2015-2019	41		
Table 1-12	Median P/E Offered: Public vs. Private 2010-2019	42		
Table 1-13	Median P/E Offered 2010-2019	42		
Table 1-14	Average P/E Offered Relative to S&P 500 2010-2019	43		
Table 1-15	Average P/E Offered: Comparison of Foreign and Total Net Announcements 2010-2019	45		
Table 1-16	Distribution of P/E Offered 2019	45		
Table 1-17	S&P 500 P/E Ratio vs. Premium Offered 2010-2019	47		
Table 1-18	Distribution of Premium Offered 2010-2019	47		
Table 1-19	Average Premium Offered: Controlling vs. Minority 2015-2019	48		
Table 1-20	Median Premium Offered: Comparison by Dollar Value 2015-2019	48		
Table 1-21	Median Premium Offered: Comparison by Method of Payment 2015-2019	49		
Table 1-22	Median Premium Offered: Low-Priced Stocks vs. High-Priced Stocks 2015-2019	49		
Table 1-23	Median Premium Offered by Seller's P/E Ratio 2015-2019	49		
Table 1-24	Average Premium Offered Over Market: Comparison of Foreign and Total Net Announcements 2010-2019	51		
Table 1-25	Median Premium Over Enterprise Value by Deal Size 2015-2019	52		
Table 1-26	Median Premiums Over Enterprise Value 2015-2019	52		
Table 1-27	Divestitures 2000-2019	53		
Table 1-28	Divestitures: Dollar Value Offered 2010-2019	54		
Table 1-29	Divestitures: Distribution by Price Offered 2015-2019	54		
Table 1-30	Aggressive Divesters 2019	55		
Table 1-31	Minority Equity Interest Purchases 2010-2019	56		
Table 1-32	Unit Management Buyouts 2010-2019	57		
Table 1-33	Unit Management Buyouts Completed/Pending 2019	57		
Table 1-34	Unit Management Buyouts: Dollar Value Offered 2010-2019	58		
Table 1-35	Acquisitions of Publicly Traded Companies 2005-2019	59		
Table 1-36	Acquisitions of Publicly Traded Companies by Dollar Value 2015-2019	60		
Table 1-37	Acquisitions of Publicly Traded Companies by Method of Payment 2015-2019	60		
Table 1-38	Tender Offers for Publicly Traded Sellers 2010-2019	62		
Table 1-39	Unsuccessful Contested Offers: Fate of Target Company 2010-2019	63		
Table 1-40	Successful/Pending Contested and Sweetened Offers 2010-2019	63		
Table 1-41	Going Private 2010-2019	65		

LIST OF TABLES

(continued)

#	Title	Page
Table 1-42	Going Private: Dollar Value Offered 2010-2019	66
Table 1-43	Going Private: Valuation of Transactions 2010-2019	66
Table 1-44	Going Private: 20 Largest Deals	67
Table 1-45	Acquisitions of Privately Owned Companies 2010-2019	68
Table 1-46	Acquisitions of Privately Owned Companies by Dollar Value 2015-2019	69
Table 1-47	Privately Owned Companies by Method of Payment 2015-2019	69
Table 1-48	Privately Owned Seller Announcements 2015-2019	70
Table 1-49	Private Sellers Most Active Sectors Ranked by Volume 2019	71
Table 1-50	Private Sellers Most Active Sectors Ranked by Value 2019	71
Table 1-51	20 Largest Private Seller Acquisitions 2019	72
Table 1-52	10 Largest Acquisitions of Private Companies by Foreign Companies 2019	72
Table 1-53	U.S. Acquisitions of Foreign Businesses: Number of Transactions 2010-2019	73
Table 1-54	U.S. Acquisitions of Foreign Businesses 2005-2019	74
Table 1-55	Aggressive Buyers 2019	75
Table 1-56	2019 Mergerstat [®] Financial Advisor Ranking—Rank by Total Value	76
Table 1-57	2019 Mergerstat® Legal Advisor Ranking—Rank by Total Value	77
Table 1-58	Distribution of Termination Fees 2019	78
Table 1-59	Termination Fees by Transaction Value 2019	79
Table 1-60	Transactions Reporting the Largest Termination Fees 2019	80
Table 1-61	Distribution of Termination Fees as a Percentage of Transaction Value by Method of Payment 2019	80
Table 1-62	Transactions Reporting the Largest Termination Fee Percentages 2019	81
Table 1-63	Transactions Reporting the Smallest Termination Fee Percentages 2019	81
Table 1-64	Trends in Private Equity Mergers and Acquisitions 2015-2019	83
Table 1-65	Most Active Private Equity Buyers 2019	83
Table 2-1a	Sector Activity: Number of Transactions 2015-2019	92
Table 2-1b	Industry Activity: Number of Transactions 2015-2019	93
Table 2-2a	Sector Activity: Dollar Value Offered 2015-2019	94
Table 2-2b	Industry Activity: Dollar Value Offered 2015-2019	95
Table 2-3a	Sector Activity: \$100 Million+ Transactions 2015-2019	96
Table 2-3b	Industry Activity: \$100 Million+ Transactions 2015-2019	97
Table 2-4a	Sector Activity: Closed Transactions 2019	98
Table 2-4b	Industry Activity: Closed Transactions 2019	99
Table 2-5a	The Mergerstat® Sector Analysis 2019	100
Table 2-5b	The Mergerstat® Industry Analysis 2019	102
Table 2-6a	Sector Activity: Cancelled Transactions 2019	104
Table 2-6b	Industry Activity: Cancelled Transactions 2019	105
Table 2-7a	Sector Classifications: TIC/EBITDA Offered 2019	106
Table 2-7b	Industry Classifications: TIC/EBITDA Offered 2019	107
Table 2-8a	Sector Classifications: TIC/EBIT Offered 2019	108
Table 2-8b	Industry Classifications: TIC/EBIT Offered 2019	109
Table 2-9a	Sector Classifications: Average P/E Offered 2015-2019	110

LIST OF TABLES

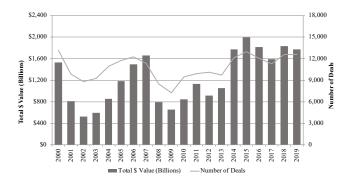
(continued)

#	Title	Page
Table 2-9b	Industry Classifications: Average P/E Offered 2015-2019	111
Table 2-10	Premiums Over Enterprise Value Breakdown by Year 2010-2019	112
Table 2-11a	Sector Analysis: Average Premiums Over Enterprise Value 2019	112
Table 2-11b	Industry Analysis: Average Premiums Over Enterprise Value 2019	113
Table 2-12a	Sector Classifications: Average Percentage Premium Offered 2015-2019	114
Table 2-12b	Industry Classifications: Average Percentage Premium Offered 2015-2019	115
Table 2-13a	Sector Activity: Divestitures 2015-2019	116
Table 2-13b	Industry Activity: Divestitures 2015-2019	117
Table 2-14a	Sectors With Most Divestitures 2019	118
Table 2-14b	Industries With Most Divestitures 2019	119
Table 2-15a	Sector Activity: Private Sellers 2019	120
Table 2-15b	Industry Activity: Private Sellers 2019	121
Table 2-16a	Sector Activity: Publicly Held Sellers 2019	122
Table 2-16b	Industry Activity: Publicly Held Sellers 2019	123
Table 2-17a	Sector Classifications: Termination Fees 2019	124
Table 2-17b	Industry Classifications: Termination Fees 2019	125
Table 2-18a	Sectors Attracting Foreign Buyers 2015-2019	126
Table 2-18b	Industries Attracting Foreign Buyers 2015-2019	127
Table 2-19a	Foreign Buyers by Dollar Value 2015-2019 (Sector)	128
Table 2-19b	Foreign Buyers by Dollar Value 2015-2019 (Industry)	129
Table 2-20a	Foreign Sellers 2015-2019 (Sector)	130
Table 2-20b	Foreign Sellers 2015-2019 (Industry)	131
Table 2-21a	Foreign Sellers by Dollar Value 2015-2019 (Sector)	132
Table 2-21b	Foreign Sellers by Dollar Value 2015-2019 (Industry)	133
Table 3-1	Regional Ranking 2015-2019	138
Table 3-2	States Ranked by Number of Sellers 2015-2019	139
Table 3-3	States Ranked by Number of Buyers 2015-2019	140
Table 3-4	Announced Foreign Purchases 2010-2019	141
Table 3-5	Foreign Acquisitions of U.S. Companies 2005-2019	142
Table 3-6	Foreign Acquisitions of U.S. Companies: Price Offered Distribution 2015-2019	143
Table 3-7	Total Net Announcements: Price Offered Distribution 2015-2019	143
Table 3-8	Foreign Buyers: Number of Transactions by Country 2015-2019	144
Table 3-9	Foreign Buyers: Dollar Value by Country 2015-2019	146
Table 3-10	Foreign Sellers: Number of Transactions by Country 2015-2019	148
Table 3-11	Foreign Sellers: Dollar Value by Country	150
Table 4-1	Cancellations 2005-2019	230
Table 4-2	\$ Billion Club Leading Sectors 2019	259

The charts shown below have been minimized for presentation purposes. They appear throughout the book; the corresponding title, chart, and page number have been provided for easy reference.

TRENDS IN MERGERS AND ACQUISITIONS 2000-2019

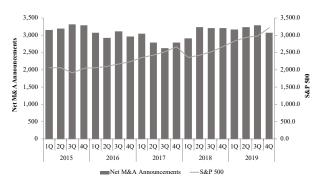
Chart 1-1 Page 21



THE S&P 500 INDEX AND NET MERGER AND ACQUISITION ANNOUNCEMENTS BY **OUARTER**

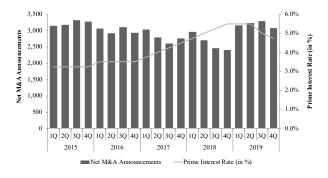
2015-2019 Chart 1-2

Page 23



PRIME INTEREST RATE AND NET MERGER AND ACQUISITION ANNOUNCEMENTS BY QUARTER 2015-2019

Chart 1-3 Page 23



NET MERGER AND ACQUISITION ANNOUNCEMENTS: MONTHLY BREAKDOWN BY DEAL VALUE

2019

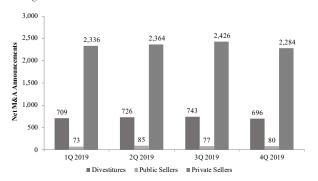
Chart 1-4 Page 28

\$350 400 350 \$250 250 Deal Value \$200 200 8 \$150 150 \$100 100 \$50 Feb Mar Apr May Jun Jul Aug Sep Oct Nov Deal Value — Base

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NET MERGER AND ACQUISITION ANNOUNCEMENTS: QUARTERLY BREAKDOWN BY NUMBER OF DEALS 2019

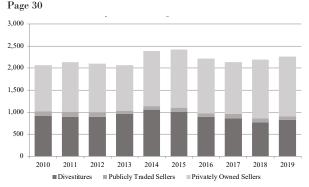
Chart 1-5 Page 28



COMPOSITION OF NET MERGER AND ACQUISITION ANNOUNCEMENTS — FOREIGN TRANSACTIONS

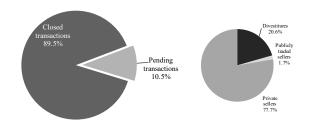
2010-2019

Chart 1-6b



COMPOSITION OF CLOSED TRANSACTIONS IN 2019

Chart 1-8 Page 35

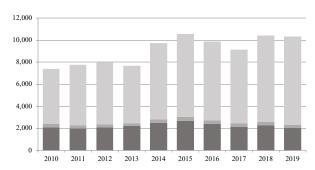


COMPOSITION OF NET MERGER AND ACQUISITION ANNOUNCEMENTS — DOMESTIC TRANSACTIONS

2010-2019

Chart 1-6a

Page 29

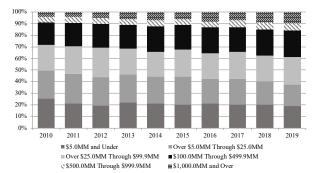


NET MERGER AND ACQUISITION ANNOUNCEMENTS PURCHASE PRICE DISTRIBUTION

2010-2019

Chart 1-7

Page 32

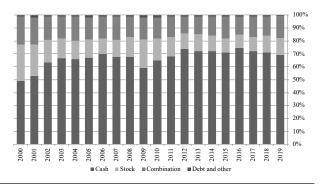


PAYMENT TRENDS

2000-2019

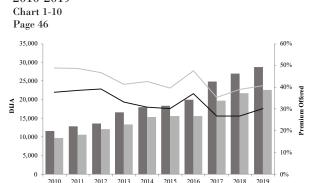
Chart 1-9

Page 36



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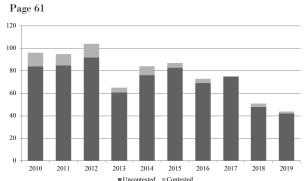
PERCENT PREMIUM OFFERED 2010-2019



DIJA High DIJA Low — Average Premium — Median Premium

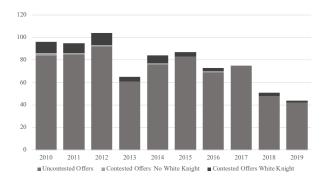
TRENDS IN TENDER OFFERS

2010-2019 Chart 1-11



TENDER OFFERS 2010-2019

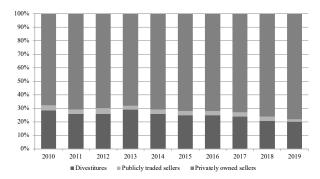
Chart 1-12 Page 64



COMPOSITION OF NET MERGER AND ACQUISITION ANNOUNCEMENTS 2010-2019

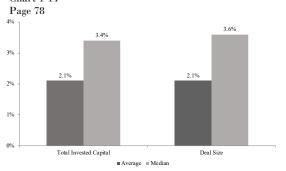
Chart 1-13

Page 70



TERMINATION FEE AVERAGE AND MEDIAN PERCENTAGE OF TOTAL INVESTED CAPITAL AND DEAL SIZE 2019

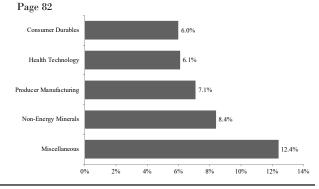
Chart 1-14



TERMINATION FEE PERCENTAGES FOR SELECTED SECTORS

2019

Chart 1-15



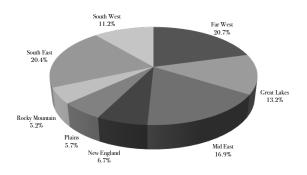
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U.S. REGIONAL BREAKDOWN SELLER

2019

Chart 3-1

Page 137

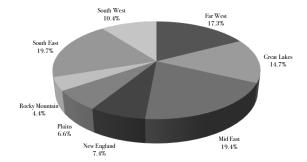


U.S. REGIONAL BREAKDOWN BUYER

2019

Chart 3-2

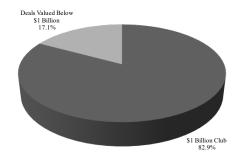
Page 137



\$ BILLION CLUB DEAL VALUE COMPOSITION 2019

Chart 4-1

Page 259

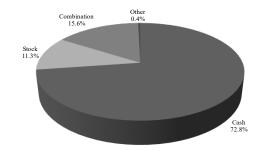


\$ BILLION CLUB METHOD OF PAYMENT COMPOSITION

2019

 $Chart\ 4\text{--}\ 2$

Page 259



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Senior Vice President, Senior Director - Capital Structure and Transactions Steve Wimmers

Vice President, Associate Director – Content Jim Sussmann

Research Managers Anita Abbas Tayo Olatoyan

Team Leaders
Cathline C. Cacdac
Robelyne Cruz
Ara David
Velbeth Manio
Mohammed Mannan
Bana Pattnaik
Choc Sarao
Biju Vaidyan

Sales and Customer Service Business Valuation Resources 111 SW Columbia Street Suite 750 Portland OR, 97201

Phone: 503-479-8200 customerservice@bvresources.com

Contributing Editor Kenneth Woo

LETTER FROM THE EDITOR

Dear Reader.

Thank you for purchasing the 2020 Mergerstat Review. We are pleased to provide you with this important annual publication, which offers comprehensive statistics on publicly announced mergers, acquisitions, and divestitures involving operating entities.

Starting with the 2018 edition of *Mergerstat Review*, BVR was, for the first time, given full access to the dynamic FactSet Mergers M&A data feed for publishing purposes. As a result, we updated 20 years of M&A data that captures new and updated transaction data that were collected after the publishing date of prior editions. The 2018 *Mergerstat Review* was the first edition to feature these historical updates, and we have continued with this year's edition. BVR is publishing M&A data that are more transparently accurate and overall better reflect prior years' M&A activity.

Included below are descriptions of the changes that were made starting with the 2018 Mergerstat Review and continue with the 2020 edition:

- Historical updates were completed to 20 years of M&A data. These updates include aggregate volume and value totals, as well as the respective pricing multiples associated with the year's data.
- FactSet retired the 50-category Mergerstat industry classifications in favor of its 21-category industry sectors. It means that FactSet Mergers database subscribers are now aligned with FactSet's database screening taxonomy when searching for transactions either in the *Mergerstat Review* or the online database. For those who do not subscribe to FactSet Mergers, an SIC-to-FactSet-sector mapping is provided

BVR was able to keep the tables and charts for the industry breakdown in Part 2 of the *Mergerstat Review* as originally published and display the respective table in both the sector and industry format.

Starting with the 2020 edition, the transaction roster will be provided in two parts, one showing transactions based off the FactSet sectors and the other with transactions based on the Mergerstat industries.

- Foreign seller ownership roles are more clearly defined. In editions prior to 2018, seller ownership roles were classified as either public, private, divestiture, and foreign. The *Mergerstat Review* now breaks down the seller ownership into two groups:
 - a. Domestic transactions: public, private, and divestiture; and
 - b. Foreign transactions: public, private, and divestiture.
- Deal pricing has been changed from base equity price to transaction value. We made this change to better reflect the debt associated with the purchase. The "transaction value" accounts for the base equity price plus the same net debt value used in the calculation of enterprise value, but with the following conditions:
 - a. The transaction is a 100% acquisition; and
 - b. The acquired company is not a bank, insurance company, or finance company. These companies will continue to use the base equity price as the purchase price.

This change solves the issue in valuing financial institutions when deposits and other debt-related securities are not valid forms of debt in accounting for enterprise value, a pricing method that overstated values of financial targets. Enterprise value also accounted for debt in the purchase of minority stake transactions, which overstates the cost to the purchaser when debt isn't likely assumed.

So the default is now as follows:

- a. Minority or majority stake purchase: Transaction value = base equity; and
- b. Full acquisition in a nonfinancial industry: Transaction value = base equity + net debt.
- Transaction premiums still feature the premium paid for the targets' share prices five days prior to the announcement, but, starting with the 2018 *Mergerstat Review*, four new tables focus on premiums paid over the targets' enterprise values.
- Spinoff transactions were included starting with the 2019 publication. These figures are reflected in the current year and historical aggregate figures and displayed as a transaction when applicable. Spinoff transactions were added in the FactSet Mergers M&A database.

On a personal note, having published the *Mergerstat Review* for the past 16-plus years, I've received a lot of feedback from our subscribers, and, based on your feedback, we've been able to implement some of your suggestions. I look forward to hearing your feedback once again. BVR thanks you again for purchasing the 2020 *Mergerstat Review*.

Sincerely,

Kenneth Woo

Economics and Data Editor

LennolleWoo

16

INTRODUCTION

FactSet Mergerstat compiles statistics on publicly announced mergers, acquisitions, and divestitures involving operating entities. FactSet Mergerstat has tracked these statistics and published its findings for over 45 years. Prior to 1981, W.T. Grimm published quarterly reports in a newsletter format and, beginning in 1981, introduced the hardcover annual volume. The 2019 edition marks the 37th publication of *Mergerstat® Review*. Transaction information is gathered throughout each day using a variety of electronic and print sources. The *Mergerstat® Review* includes formal transfers of ownership of at least 5% of a company's equity and where at least one of the parties is a U.S. entity. When a transaction involves less than 100% of an entity, the percentage bought is stated after the seller's name. When REM accompanies this percentage, the buyer already owns a portion of the selling entity and this transaction will lead to 100% ownership. Data are collected for publicly traded, privately owned, and foreign companies.

WHO SHOULD READ THIS BOOK?

These statistics are useful to a wide variety of readers—foremost, anyone buying or selling an operating company, anyone valuing a company, or anyone who is serious about investments or investing. The book provides insight into trends in prices, methods of payment, premiums, and other critical information. For students at the undergraduate, graduate, and post-graduate levels, this book serves as a foundation for research and an essential reference tool. For professors of finance, economics, and business, these statistics give "real world" examples of theoretical postulates.

Chief financial officers, chief executive officers, strategic planners, accountants, valuation professionals, and attorneys will find this book useful. The statistics reveal which industries are most active and what their respective premium and TIC/EBITDA, TIC/EBIT, and P/E averages are compared to the market as a whole.

• To these readers, Mergerstat® Review provides data and analysis. Each year, FactSet Mergerstat tracks thousands of transactions and potential transactions. While we attempt to collect complete information on each transaction, this is not possible in many cases, particularly with private companies. Therefore, the reader should use caution in drawing conclusions when the number of data points is low relative to the total number of transactions recorded. Furthermore, while we attempt to point out certain trends, each transaction has specific factors that affect its pricing. Therefore, the reader should examine each transaction on its own merit before drawing any conclusions.

PRIVATELY OWNED SELLERS

The number of announced acquisitions of privately owned companies increased from 9,165 in 2018 to 9,410 in 2019. However, total dollar value offered for private businesses decreased from \$470.4 billion to \$310.8 billion while companies disclosing prices decreased from 1,882 to 1,322.

The 401 transactions valued at \$100 million or more totaled \$271.3 billion, accounting for 87.3% of the \$310.8 billion total value of all announced acquisitions of privately owned companies for which a price was announced.

ACQUISITIONS OF PRIVATELY OWNED COMPANIES 2010-2019 Table 1-45

		Percentage of	Total Dollar		<u>Transaction Value</u>	
	Number of Acquisitions	Acquisition <u>Activity</u>	Value Offered (Millions)	Base	\$100.0MM or More	\$1,000.0MM <u>or More</u>
2010	6,031	57%	\$145,807.5	(1,629)	252	18
2011	6,631	63%	\$286,000.3	(1,668)	297	36
2012	6,748	64%	\$234,424.7	(1,547)	273	43
2013	6,259	59%	\$193,411.1	(1,547)	263	43
2014	8,193	78%	\$361,307.2	(2,004)	397	74
2015	8,843	84%	\$333,370.4	(1,941)	392	62
2016	8,373	79%	\$382,343.0	(1,718)	402	81
2017	7,871	75%	\$450,801.0	(1,955)	465	86
2018	9,165	87%	\$470,423.8	(1,882)	489	90
2019	9,410	89%	\$310,816.3	(1,322)	339	62

As Table 1-45 indicates, the purchase of privately held companies is a significant component of merger and acquisition activity. The majority of these acquisitions fall into two main situations, which are characterized by the seller's motivation. Lack of an heir to take over the business is probably the most frequent reason for selling. Nearing retirement, the owner is prompted to sell to achieve the needed liquidity for investment diversification and estate tax purposes. The second most common selling scenario involves a company experiencing the pressures of growth. Increasing demand for the company's products or services exerts pressure on the firm to become more sophisticated and efficient in its operations. To fulfill these demands, the owner/entrepreneur sells the business to obtain needed financial resources for expansion.

RECORD HOLDERS

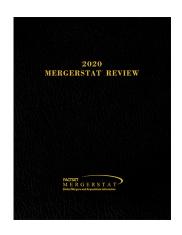
CATEGORY	RECORD	YEAR ATTAINED
Net Merger & Acquisition Announcements	13,185	2000
Total Dollar Value Offered (\$Billions)	\$1,998.0	2015
\$100 Million+ Deals	1,437	2014
Cash Payments	3,348	2014
Stock Payments	1,362	1999
Divestitures	4,411	2000
Publicly Traded Sellers	859	1999
Privately Owned Sellers*	9,410	2019
Foreign Sellers	2,676	2000
Foreign Buyer	2,157	2000
Average P/E Offered	28.5	2017
Average Premium	62.3%	2009
Cancelled Transactions	586	2000

 $[\]ast$ New record in 2019.





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