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Zacks

# Database Appendix

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## Zacks Databases Overview

### Current Market and Aggregate Databases

Database	Approx. # Companies	# Items	Time Span of Data	Description
DBCM	8,850	256	Current	Current Market Fundamental and Estimate Data: company description, size and share volume information, price and price changes, analyst recommendations and recommendation changes, annual and quarterly consensus estimate data, expected report dates, growth rates, actual EPS, valuation and financial ratios, and Income/Balance Sheet items.
AGGIND	216 Industries	42	Current	Current statistics for Industries represented by active companies in Zacks Current Market database. Data provided includes industry description, growth rates, margins, valuation and financial ratios.
AGGSEC	18 Sectors	42	Current	Current statistics for Economic Sectors represented by active companies in Zacks Current Market database. Data provided includes industry description, growth rates, margins, valuation and financial ratios.

### Fundamental Databases

Database	Approx. # Companies	# Items	Time Span of Data	Description
DBDA	8,850	146	12 Yrs.	Annual income statement, balance sheet and cash flow items; 10-K data.
DBDQ	8,850	123	24 Qtrs.	Quarterly income statement and balance sheet items; 10-Q data.

### Historical Databases

Database	Approx. # Companies	# Items	Time Span of Data	Description
DBZHE	7,850	61	144 Mo./12 Yrs.	Active Companies Historical Data: monthly history for price, volume, growth rates, consensus estimates and estimate revisions, surprises, actual EPS, valuation and financial ratios, and broker ratings.
DBDP	8,890	7	560 Days/1.5 Yrs.	Historical daily closing prices and volume data for active companies.
DBWP	8,890	7	625 Wks./12 Yrs.	Historical weekly closing prices volume data for active companies.
ECON	N/A	43	144 Mo./12 Yrs.	Historical Economic Indicators data: Treasury Bonds, corporate bonds, municipal bonds and FHA mortgages; Prime Rate, Treasury Bill discount, and Federal Funds; indicators and indices such as Consumer Credit, Personal Income, Housing Starts, Capital Utilization, Unemployment Rates, CPI, GRP, GNP and PPI; money supply data - M1, M2, M3.
XRATE	N/A	59	144 Mo./12 Yrs.	Historical currency exchange rates.
DBCMHIST	8,120	251	260 Wks./5Yrs.	DBCM items with up to 5 years of history.

## Proprietary Databases

Database	Approx. # Companies	# Items	Time Span of Data	Description
DBZI	7,200	13	Current	Zacks Indicator Database: 4 component items, raw score and composite.

## Backtesting Databases

Database	Approx. # Companies	# Items	Time Span of Data	Description
ZBT_PRI	8,100	88	180 Mo./15 Yrs.	Primary backtesting database containing quarterly EPS data and monthly, price, return and estimate data on stocks most likely to be used in backtests.
ZBT_SEC	5,080	88	180 Mo./15 Yrs.	Secondary backtesting database containing quarterly EPS data and monthly, price, return and estimate data.

## Zacks Backtesting Databases *continued*

### Overview

Zacks backtesting databases, ZBT\_PRI (primary) and ZBT\_SEC (Secondary), contain 12-15 years of comprehensive quarterly and annual EPS estimates, surprises, and related earnings information. Each database shares the same item list but maintains different ticker sets. Each database includes both active and research stocks.

### Zacks Backtesting Databases Defined

#### ZBT\_PRI Primary

Zacks Primary ticker set consists of stocks followed by Zacks that are included in the COMPUSTAT Primary ticker set plus stocks not covered by COMPUSTAT that otherwise meet the following criteria for the Primary ticker set: members of the S&P 1500; domestic stocks that have had a market capitalization over \$100 million or have been in the top 2000 my market capitalization at any time over the last 10 years.

#### ZBT\_SEC Secondary

The Secondary ticker set includes ADR's, REIT's, closed end investment companies, and secondary classes of common stocks as well as stocks with smaller market capitalization.

## Zacks Old Sector Groups

Zacks old Sector codes are available in DBCM Item 115, DBZHE Item 11, and DBDA/DBDQ, Item 71.

1	Consumer Cyclical	5	Finance
2	Basic Materials	6	Technology
3	Industrial	7	Utilities
4	Consumer Non-Cyclical	8	Energy

## Zacks Expanded Sector Groups

Zacks expanded sector codes are available in DBCM Item 191, DBZHE Item 61, ZBT\_PRI/SEC Item 20, DBDA/DBDQ Items 146 and 102 respectively.

0	Index	6	Basic Materials	12	Oils/Energy
1	Consumer Staples	7	Industrial Products	13	Finance
2	Consumer Discretionary	8	Construction	14	Utilities
3	Retail/Wholesale	9	Multi-sector Conglomerates	15	Transportation
4	Medical	10	Computer & Technology	16	Business Services
5	Autos/Tires/Trucks	11	Aerospace	17	Unclassified

## Exchange Codes

Zacks exchange codes are available in DBCM Item 111, Period 2 (DBCM virtual Item 506), DBDA/DBDQ Item 8, ZBT\_PRI/ZBT\_SEC Item 17, Period 1 (ZBT\_PRI/ZBT\_SEC Virtual Item 500).

NYSE	1	New York Stock Exchange	OTC	6	Non-NASDAQ OTC stocks
AMEX	2	American Stock Exchange	PBW	7	Philadelphia, Baltimore, Washington Exchanges
MWSE	3	Chicago Stock Exchange	BSE	8	Boston Stock Exchanges
PSE	4	Pacific Exchange	MRSEE	9	Montreal Stock Exchange
NSDQ	5	NASDAQ OTC	TSE	10	Toronto Stock Exchange

## Currency Codes

Country of origin currency code. All data is reported in USD\$. Currency codes are available in DBCM Item 118, Period 5 (DBCM Virtual Item 505), ZBT\_PRI/SEC Item 17, Period 5 (ZBT\_PRI/ZBT\_SEC Virtual Item 504). Historical Exchange Rates for these currencies are available in the XRATE database.

APS	Argentine Peso	GHA	Ghanian Cedi	PHP	Philippine Peso
AUD	Australian Dollar	GDR	Greek Drachma	PES	Portuguese Escudo
BAH	Bahamian Dollar	HKD	Hong Kong Dollar	SDL	Singapore Dollar
BFR	Belgian Franc	HFO	Hungarian Forint	SAR	South African Rand
BER	Bermuda Dollar	IRU	Indian Rupee	KWO	South Korean Won
BCR	Brazilian Real	IRP	Indonesian Rupiah	SPP	Spanish Peseta
CDL	Canadian Dollar	IPT	Irish Punt	SKR	Swedish Krona
CAY	Cayman Islands Dollar	ISK	Israeli Shekel	SFR	Swiss Franc
CPS	Chilean Peso	ILR	Italian Lira	TWD	Taiwan Dollar
CRE	Chinese Yuan	JYN	Japanese Yen	USD	U.S. Dollar
CPE	Colombian Peso	LUX	Luxembourg Franc	BPD	UK Pound Sterling
DKR	Danish Krone	MPS	Mexican Peso	VZB	Venezuelan Bolivar
DGD	Dutch Guilder	NZD	New Zealand Dollar		
FNM	Finnish Mark	NKR	Norwegian Krone		
FFR	French Franc	PAN	Panama Balboa		
DMK	German Mark	PNS	Peruvian Nuevo Sol		

## Zacks Expanded Industry Groups

Zacks Expanded Industry groups are available in the DBCM database (Item 117), DBZHE database (Item 60), ZBT\_PRI/SEC databases (Item 22), DBDA database (Item 145), DBDQ database (Item 101), and the AGGIND database (Item 41).

Zacks Expanded Industry groups are based on the Investors' Daily groupings, with a few additional groups for purposes of completeness. There are a total of 215 industry classifications including a code for the indexes (400) and unclassified assignments (500).

1	ADVERTISING	56	ENERGY-ALTERNATE.SOURCES
2	AEROSPACE/DEFENSE	57	ENGINEERING/R&D SVCS
3	AEROSPACE/DEFENSE EQUIP	58	ENGINES-INT COMBUSTION
4	AGRICULTURAL OPERATIONS	59	FERTILIZERS
5	APPLIANCES-HOUSEHOLD	60	FIBER OPTICS
6	AUDIO/VIDEO HOME PROD	61	FINANCE-CONSUMER LOANS
7	AUTO MFRS-DOMESTIC	62	FINANCE-INVESTMENT BKRS
8	AUTO MFRS-FOREIGN	63	FINANCE-INVESTMENT MGMT
9	RETAIL/WHLSLE - AUTO PARTS	64	FINANCE-LEASING COS
10	AUTO/TRUCK-ORIGINAL EQP	65	FINANCE-MRTG&REL SVC
11	AUTO/TRUCK-REPLACE PRTS	66	FINANCE-PUBLIC TD INV FD
12	BANKS-FOREIGN	67	FINANCE-SAVINGS & LOAN
13	BANKS-MIDWEST	68	FINANCE-SBIC&COMMRL
14	BANKS-MONEY CENTER	69	FINANCIAL SERVICES - OTHER
15	BANKS-NORTHEAST	70	FOOD ITEMS-WHOLESALE
16	BANKS-SOUTHEAST	71	FOOD-CANNED
17	BANKS-SOUTHWEST	72	FOOD-CONFECTIONERY
18	BANKS-WEST	73	FOOD-DAIRY PRODUCTS
19	BEVERAGES-ALCOHOLIC	74	FOOD-FLOUR & GRAIN
20	BEVERAGES-SOFT DRINKS	75	FOOD-MEAT PRODUCTS
21	BLDG & CONST PROD-MISC	76	FOOD-MISC. PREPARATION/DIVERSIFIED
22	BLDG PROD-AIR COND/HEAT	77	FOOD-SUGAR & REFINING
23	BLDG PROD-DOORS & TRIM	78	FUNERAL SVCS & REL
24	BLDG PROD-LIGHTING FIXT	79	FURNITURE
25	BLDG PROD-RETAIL/WHLSLE	80	GLASS PRODUCTS
26	BLDG PROD-WOOD	81	HOTELS & MOTELS
27	BLDG-CEMENT/CONCRT/AG	82	INDSTR L AUTOMTN/ROBOTICS
28	BLDG-HEAVY CONST	83	INSTRUMENTS-CONTROL
29	BLDG-MAINTENANCE & SVC	84	INSTRUMENTS-SCIENTIFIC
30	BLDG-MOBILE/MFG & RV	85	INSURANCE-ACC & HEALTH
31	BLDG-RESIDENT/COMMRL	86	INSURANCE-BROKERS
32	BROADCASTING-RADIO/TV	87	INSURANCE-LIFE
33	CABLE TV	88	INSURANCE-MULTI LINE
34	CHEMICALS-DIVERSIFIED	89	INSURANCE-PROP & CASUALT
35	CHEMICALS-FIBERS	90	LASERS-SYS/COMPONENTS
36	CHEMICALS-PLASTICS	91	LEISURE&RECREATION PROD
37	CHEMICALS-SPECIALTY	92	LEISURE&RECREATION SVCS
38	COAL	93	LINEN SUPPLY & RELATED
39	COMPUTER-GRAPHICS	94	MACHINE-TOOLS & REL PROD
40	COMPUTER-MAINFRAMES	95	MACHINERY-CONST/MINING
41	COMPUTER-MICRO	96	MACHINERY-ELEC UTILITY
42	COMPUTER-PERIPHERAL EQ	97	MACHINERY-ELECTRICAL
43	COMPUTER-SERVICES	98	MACHINERY-FARM
44	COMPUTER-SOFTWARE	99	MACHINERY-GEN INDUSTRIAL
45	CONTAINERS-METAL/GLASS	100	MACHINERY-MATERIAL HDLG
46	CONTAINERS-PAPER/PLASTIC	101	MACHINERY-PRINTING TRADE
47	COSMETICS & TOILETRIES	102	MACHINERY-THERMAL PROC
48	DIVERSIFIED OPERATIONS	103	MEDICAL INSTRUMENTS
49	ELEC COMPONENT-SEMICN	104	MEDICAL PRODUCTS
50	ELEC - MISC COMPONENTS	105	MEDICAL-BIOMED/GENETICS
51	ELEC MEASRNG INSTRUMENTS	106	MEDICAL-DRUGS
52	ELEC PRODUCTS-MISC	107	MEDICAL-GENERIC DRUGS
53	ELEC-CONNECTORS	108	MEDICAL-HLTH MAINT ORG
54	ELECTRONIC PARTS DISTRIB	109	MEDICAL-HOSPITALS
55	ELECTRONICS-MILITARY SYS	110	MEDICAL-NURSING HOMES

## Zacks Expanded Industry Groups *continued*

111	MEDICAL-OUTPNT/HM CARE	165	RETAIL-MISC/DIVERSIFIED
112	MEDICAL-WHLSLE DRG/SUND	166	RETAIL-REGNL DEPT STRS
113	MEDICAL/DENTAL-SUPPLIES	167	RETAIL-SUPERMARKETS
114	MINING-GOLD	168	RETAIL-VENDG & FOOD SVC
115	MINING-IRONS	169	RETAIL/WHLSLE COMPUTERS
116	MINING-MISC	170	RUBBER&PLASTIC PRODUCTS
117	MINING-NON FERROUS	171	RUBBER-TIRES
118	MINING-SILVER	172	SCHOOLS
119	METAL PROC & FABRICATION	173	SHOES & REL APPAREL
120	METAL PROD-DISTRIBUTOR	174	SOAP & CLNG PREPARATNS
121	METAL PROD-FASTENERS	175	STEEL-PIPE & TUBES
122	MOVIE/TV PROD & DISTRIBUTION	176	STEEL-PRODUCERS
123	CONSUMER PROD - MISC. DISC.	177	STEEL-SPECIALTY ALLOYS
124	OFFICE AUTOMATION & EQUIPMENT	178	TELECOMMUNICATIONS SVCS
125	OFFICE SUPPLIES & FORMS	179	TELECOMMUNICATION EQUIP
126	OIL & GAS-U S ROYALTY TR	180	TEXTILE-APPAREL MFG
127	OIL FIELD MACH & EQUIP	181	TEXTILE-HOME FURNISHING
128	OIL REFINING & MARKETING	182	TEXTILE-MILL PRODUCTS
129	OIL&GAS-CDN EXP&PROD	183	TOBACCO
130	OIL&GAS-CDN INTEGRATED	184	TOOLS-HAND HELD
131	OIL&GAS-FIELD SERVICES	185	TOYS/GAMES/HOBBY PROD
132	OIL&GAS-INTL INTEGRATED	186	TRANSPORT-AIR FREIGHT
133	OIL&GAS-INTL SPECIALTY	187	TRANSPORTATION-AIRLINE
134	OIL&GAS-DRILLNG	188	TRANSPORTATION-EQP&LSNG
135	OIL&GAS-PROD/PIPELINE	189	TRANSPORTATION-RAIL
136	OIL&GAS-U S EXPLO&PROD	190	TRANSPORTATION-SHIP
137	OIL&GAS-U S INTEGRATED	191	TRANSPORTATION-SVCS
138	COMPUTER-OPTICAL RECOGNITION	192	TRANSPORTATION-TRUCK
139	PAINTS & ALLIED PRODUCTS	193	UTILITY-ELECTRIC POWER
140	PAPER & PAPER PRODUCTS	194	UTILITY-GAS DISTRIBUTION
141	PAPER-BUSINESS FORMS	195	UTILITY-TELEPHONE
142	PHOTO EQUIPMENT & SUP	196	UTILITY-WATER SUPPLY
143	POLLUTION CONTROL EQ&SVS	197	WIRE & CABLE PRODUCTS
144	PRECIOUS METALS/JEWELRY	198	COMPUTER- NETWORKS
145	PRINTING-COMMERCIAL	199	COMPUTER-MINI
146	PROTECTION-SFTY EQ & SVC	200	LEISURE&RECREATION-GAMING
147	PUBLISHING-BOOKS	201	TELECOMMCTNS-WIRELESS
148	PUBLISHING-NEWSPAPERS	202	COMPUTER- STORAGE DEVICES
149	PUBLISHING-PERIODICALS	203	COMPUTER-INTEGRATED SYSTEMS
150	R E I T-EQUITY TRUST	204	BANKS - MAJOR REGIONAL
151	R E I T-MORTGAGE TRUST	205	BUSINESS SERVICES
152	REAL ESTATE DEVELOPMENT	206	BUSINESS INFORMATION SERVICES
153	REAL ESTATE OPERATIONS	207	MISC. CONSUMER STAPLES
154	RETAIL-APPAREL/SHOE	208	MEDIA CONGLOMERATES
155	RETAIL-CATLG SHOWRMS	209	ELECTRONICS-MANUFACTURING MACHINERY
156	RETAIL-CONSUMER ELECT	210	RETAIL/WHLSLE AUTO/TRUCK
157	RETAIL-CONVENIENCE STRS	211	E-COMMERCE
158	RETAIL-DISCOUNT&VARIETY	212	INTERNET CONTENT
159	RETAIL-DRUG STORES	213	INTERNET SERVICES
160	RETAIL-FOOD&RESTAURANTS	214	INTERNET SOFTWARE
161	RETAIL-HOME FURNISHINGS	215	MEDICAL INFO SYSTEMS
162	RETAIL-JEWELRY STORES	400	INDICES
163	RETAIL-MAIL ORDER&DIRECT	500	ZACKS UNCLASSIFIED
164	RETAIL-MAJOR DEPT STRS		

## Zacks Medium Aggregate Industry Groups

Zacks Medium Aggregate Industry Groups are available in the DBCM database (Item 203), ZBT\_PRI/ZBT\_SEC database (Item 21).

0	Indices	31	Computer/Office Equipment
1	Apparel	32	Computer Software/Services
2	Beverages	33	Electronic/Semiconductors
3	Food	34	Electronics
4	Publishing	35	Misc Technology
5	Soaps/Cosmetics	36	Telecommunications Equipment
6	Tobacco	37	Telecommunications Services
7	Cons Prod-Misc Staples	38	Aerospace/Defense
8	Home Furnishing/Appliance	39	Coal
9	Leisure Service	40	Energy-Alternate Sources
10	Media	41	Oil Machinery/Services/Drilling
11	Phot Equipment & Supplies	42	Oil-Exploration&Production
12	Other Consumer Discretionary	43	Oil-Misc
13	Food/Drug-Retail/Wholesale	44	Oil-Integrated
14	Nonfood Retail/Wholesale	45	Oil&Gas Production/Pipeline
15	Drugs	46	Banks-Major
16	Medical Care	47	Banks & Thrifts
17	Medical Products	48	Finance
18	Autos/Tires/Trucks	49	Insurance
19	Chemicals & Fertilizer	50	Invest Bkrs/Mgrs
20	Metals-Non Ferrous	51	Investment Fund
21	Steel	52	Real Estate
22	Paper	53	Utility-Elec Pwr
23	Containers & Glass	54	Utility-Gas Distr
24	Industrial Products/Services	55	Utility-Telephone
25	Machinery/Electrical	56	Water Supply
26	Machinery	57	Transportation-Air
27	Pollution Control	58	Transportation
28	Building Products	59	Business Service
29	Construction/Building Services	70	Unclassified
30	Conglomerates		



# Mapping of Zacks Expanded Industry Codes Into Zacks Medium Aggregate Industry Codes

60 Industries composed of groups of Zacks X Industries

## Apparel, Industry 1

SHOES & REL APPAREL	173
TEXTILE-APPAREL MFG	180

## Beverages, Industry 2

BEVERAGES-ALCOHOLIC	19
BEVERAGES-SOFTDRINKS	20

## Food, Industry 3

AGRICULTURAL OPERATIONS	4
FOOD-CANNED	71
FOOD-CONFECTIONERY	72
FOOD-DAIRY PRODUCTS	73
FOOD-FLOUR & GRAIN	74
FOOD-MEAT PRODUCTS	75
FOOD-MISC.PREPARATION/DIVERSIFIED	76
FOOD-SUGAR & REFINING	77

## Publishing, Industry 4

PUBLISHING-BOOKS	147
PUBLISHING NEWSPAPERS	148
PUBLISHING-PERIODICALS	149

## Soaps/Cosmetics, Industry 5

COSMETICS & TOILETRIES	47
SOAP & CLNG PREPARATNS	174

## Tobacco, Industry 6

TOBACCO	183
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## Cons Prod-Misc Staples, Industry 7

FUNERAL SVCS & REL	78
MISC. CONSUMER STAPLES	207

## Home Furnishing/Appliance, Industry 8

APPLIANCES-HOUSEHOLD	5
AUDIO/VIDIO HOME PROD	6
FURNITURE	79
TEXTILE-HOME FURNISHING	181

## Leisure Service, Industry 9

HOTELS & MOTELS	81
LEASURE&RECREATION SVCS	92
LEASURE&RECREATION-GAMING	200

## Media, Industry 10

BROADCASTING-RADIO/TV	32
CABLE TV	33
MOVIE/TV PROD & DDISTRIBUTION	122
MEDIA CONGLOMERATES	208

## Photo Equipment & Supplies, Industry 11

PHOTO EQUIPMENT & SUP	142
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## Other Consumer Discretionary, Industry 12

ADVERTISING	1
LEISURE & RECREATION PROD	91
CONSUMER PROD - MISC. DISC	123
PRECIOUS METALS/JEWELRY	144
SCHOOLS	172
TOOLS-HAND HELD	184
TOYS/GAMES/HOBBY PROD	185

## Food/Drug-Retail/Wholesale, Industry 13

FOOD ITEMS-WHOLESALE	70
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MEDICAL-WHLSLE DRG/SUND	112
RETAIL-DRUG STORES	159
RETAIL-FOOD&RESTAURANTS	160
RETAIL-SUPERMARKETS	167
RETAIL-VENDG & FOOD SVC	168

## Nonfood Retail/Wholesale, Industry 14

RETAIL/WHLSLE - AUTO PARTS	9
BLDG PRO-RETAIL/WHLSLE	25
RETAIL-APPAREL/SHOE	154
RETAIL-CATLG SHOWRMS	155
RETAIL-CONSUMER ELECT	156
RETAIL-CONVENIENCE STRS	157
RETAIL-DISCOUNT & VARIETY	158
RETAIL-HOME FURNISHINGS	161
RETAIL-JEWELRY STORES	162
RETAIL-MAIL ORDER&DIRECT	163
RETAIL-MAJOR DEPT STRS	164
RETAIL-MISC/DIVERSIFIED	165
RETAIL-REGNL DEPT STRS	166
RETAIL-WHLSLE COMPUTERS	169
RETAIL/WHLSLE AUTO/TRUCK	210
E-COMMERCE	211

## Drugs, Industry 15

MEDICAL-BIOMED/GENETICS	105
MEDICAL-DRUGS	106
MEDICAL-GENERIC GRUGS	107

## Medical Care, Industry 16

MEDICAL-HLTH MAINT ORG	108
MEDICAL-HOSPITALS	109
MEDICAL-NURSING HOMES	110
MEDICAL-OUTPNT/HM CARE	111

## Medical Products, Industry 17

MEDICAL INSTRUMENTS	103
MEDICAL PRODUCTS	104
MEDICAL/DENTAL-SUPPLIES	113
MEDICAL INFO SYSTEMS	215

## Autos/Tires/Trucks, Industry 18

AUTO MFRS-DOMESTIC	7
AUTO MFRS-FOREIGN	8
AUTO/TRUCK-ORIGINAL EQP	10
AUTO/TRUCK-REPLACE PRTS	11
ENGIN-INT COMBUSTION	58
RUBBER-TIRES	171

## Chemicals & Fertilizer, Industry 19

CHEMICALS-DIVERSIFIED	34
CHEMICALS-FIBERS	35
CHEMICALS-PLASTICS	36
CHEMICALS-SPECIALTY	37
FERTILIZERS	59

## Metals-Non Ferrous, Industry 20

MINING-GOLD	114
MINING-MISC	116
MINING-NON FERROUS	117
MINING-SILVER	118
METAL-PROC & FABRICATION	119
METAL-PROD-DISTRIBUTOR	120
METAL-PROD-FASTENERS	121

## Mapping of Zacks Expanded Industry Codes Into Zacks Medium Aggregate Industry Codes *continued*

### Steel, Industry 21

MINING-IRON	115
STEEL-PIPE & TUBES	175
STEEL-PRODUCERS	176
STEEL-SPECIALTY ALLOYS	177

### Paper, Industry 22

PAPER & PAPER PRODUCTS	140
PAPER-BUSINESS FORMS	141

### Containers & Glass, Industry 23

CONTAINERS-METAL/GLASS	45
CONTAINERS-PAPER/PLASTIC	46
GLASS PRODUCTS	80

### Industrial Products/Services, Industry 24

ENGINEERING/R&D SVCS	57
LINEN SUPPLY & RELATED	93
OFFICE SUPPLIES & FORMS	125
PRINTING-COMMERCIAL	145
PROTECTION-SFTY EQ & SVC	146
RUBBER & PLASTIC PRODUCTS	170
TEXTILE-MILL PRODUCTS	182
WIRE AND CABLE PRODUCTS	197

### Machinery-Electrical, Industry 25

MACHINERY-ELEC UTILITY	96
MACHINERY-ELECTRICAL	97

### Machinery, Industry 26

MACHINE-TOOLS & REL PROD	94
MACHINERY-CONST/MINING	95
MACHINERY-FARM	98
MACHINERY-GEN INDUSTRIAL	99
MACHINERY-MATERIAL HDLG	100
MACHINERY-PRINTING TRADE	101
MACHINERY-THERMAL PROC	102

### Pollution Control, Industry 27

POLLUTION CONTROL EQ&SVS	143
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### Building Products, Industry 28

BLDG & CONST PROD-MISC	21
BLDG PROD-AIR COND/HEAT	22
BLDG PROD-DOORS & TRIM	23
BLDG PROD-LIGHTING FIXT	24
BLDG PROD-WOOD	26
BLDG-CEMENT/CONCRT/AG	27
PAINTS & ALLIED PRODUCTS	139

### Construction/Building Services, Industry 29

BLDG-HEAVY CONST	28
BLDG-MAINTENANCE & SVC	29
BLDG-MOBILE/MFG & RV	30
BLDG-RESIDENT/COMMRL	31

### Conglomerates, Industry 30

DIVERSIFIED OPERATIONS	48
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### Computer/Office Equipment, Industry 31

COMPUTER-GRAPHICS	39
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COMPUTER-MAINFRAMES	40
COMPUTER-MICRO	41
COMPUTER-PERIPHERAL EQ	42
OFFICE AUTOMATION & EQUIPMENT	124
COMPUTER-OPTICAL RECOGNITION	138
COMPUTER-NETWORKS	198
COMPUTER-MINI	199
COMPUTER-STORAGE DEVICES	202
COMPUTER-INTERGRATED SYSTEMS	203

### Computer Software/Services, Industry 32

COMPUTER-SERVICES	43
COMPUTER-SOFTWARE	44
INTERNET CONTENT	212
INTERNET SERVICES	213
INTERNET SOFTWARE	214

### Electronic/Semiconductors, Industry 33

ELEC COMPONENT-SEMICN	49
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### Electronics, Industry 34

ELEC - MISC COMPONENTS	50
ELEC MEASRNG INSTRUMENTS	51
ELEC PRODUCTS-MISC	52
ELEC-CONNECTORS	53
ELECTRONIC PARTS DISTRIB	54

### Misc Technology, Industry 35

FIBER OPTICS	60
INDSTR AUTOMTN/ROBOTICS	82
INSTRUMENTS-CONTROL	83
INSTRUMENTS-SCIENTIFIC	84
LASERS-SYS/COMPONENTS	90
ELECTRONICS-MANF-MACHINERY	209

### Telecommunications Equipment, Industry 36

TELECOMMUNICATION EQUIP	179
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### Telecommunications Services, Industry 37

TELECOMMUNICATIONS SVCS	178
TELECOMMUNICATIONS-WIRELESS	201

### Aerospace/Defense, Industry 38

AEROSPACE/DEFENSE	2
AEROSPACE/DEFENSE EQUIP	3
ELECTRONICS-MILITARY SYS	55

### Coal, Industry 39

COAL	38
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### Energy-Alternate Sources, Industry 40

ENERGY-ALTERNATE SOURCES	56
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### Oil Machinery/Services/Drilling, Industry 41

OIL FIELD MACH & EQUIP	127
OIL & GAS-FIELD SERVICES	131
OIL & GAS-DRILLING	134

### Oil-Exploration&Production, Industry 42

OIL & GAS -U S ROYALTY TR	126
OIL & GAS-CDN EXP&PROD	129
OIL & GAS-U S EXPLO&PROD	136

## Mapping of Zacks Expanded Industry Codes Into Zacks Medium Aggregate Industry Codes *continued*

### Oil-Misc, Industry 43

OIL REFINING & MARKETING	128
OIL & GAS-INTL SPECIALTY	133

### Oil-Integrated, Industry 44

OIL & GAS - CDN INTEGRATED	130
OIL & GAS - INTL INTEGRATED	132
OIL & GAS U S INTEGRATED	137

### Oil&Gas Production/Pipeline, Industry 45

OIL & GAS - PROD/PIPELINE	135
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### Banks-Major, Industry 46

BANKS-FOREIGN	12
BANKS-MONEY CENTER	14
BANKS - MAJOR REGIONAL	204

### Banks & Thrifts, Industry 47

BANKS-MIDWEST	13
BANKS-NORTHEAST	15
BANKS-SOUTHEAST	16
BANKS-SOUTHWEST	17
BANKS-WEST	18
FINANCE-SAVINGS&LOAN	67

### Finance, Industry 48

FINANCE-CONSUMER LOANS	61
FINANCE-LEASING COS	64
FINANCE-MRTG&REL SVC	65
FINANCE-SBIC&COMMRCL	68
FINANCIAL SERVICES - OTHER	69

### Insurance, Industry 49

INSURANCE-ACC & HEALTH	85
INSURANCE-BROKERS	86
INSURANCE-LIFE	87
INSURANCE-MULTILINE	88
INSURANCE-PROP & CASUALT	89

### Invest Bkrs/Mgrs, Industry 50

FINANCE-INVESTMENT BKRS	62
FINANCE-INVESTMENT MGNT	63

### Investment Fund, Industry 51

FINANCE-PUBLIC INV FD	66
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### Real Estate, Industry 52

REIT-EQUITY TRUST	150
REIT-MORTGAGE TRUST	151
REAL ESTATE DEVELPOMENT	152
REAL ESTATE OPERATIONS	153

### Utility-Elec Pwr, Industry 53

UTILITY-ELECTRIC POWER	193
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### Utility-Gas Distr, Industry 54

UTILITY-GAS DISTRIBUTION	194
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### Utility-Telephone, Industry 55

UTILITY-TELEPHONE	195
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### Utility-Water Supply, Industry 56

UTILITY-WATER SUPPLY	196
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### Transportation-Air, Industry 57

TRANSPORT-AIR FREIGHT	186
TRANSPORTATION-AIRLINE	187

### Transportation, Industry 58

TRANSPORTATION-EQP&LSNG	188
TRANSPORTATION-RAIL	189
TRANSPORTATION-SHP	190
TRANSPORTATION-SVCS	191
TRANSPORTATION-TRUCK	192

### Business Service, Industry 59

BUSINESS SERVICES	205
BUSINESS INFORMATION SERVICES	206

### Unclassified, Industry 70

ZACKS UNCLASSIFIED	500
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### Indices, Industry 0

INDICES	400
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## Mapping of Zacks Expanded Industry Codes Into Zacks Expanded Sector Codes

### Consumer Staples, Sector 1

AGRI OPERATIONS	4
BEVERAGES-ALCOH	19
BEVERAGES-SOFT	20
COSMETICS&TLTRS	47
FOOD-CANNED	71
FOOD-CONFECTIONRY	72
FOOD-DAIRY PRDS	73
FOOD-FLOUR&GRN	74
FOOD-MEAT PRODS	75
FOOD-MISC/DIVER	76
FOOD-SUGAR&REFG	77
FUNERAL SVS&REL	78
PUBLISHG-BOOKS	147
PUBLISHG-NEWSPRS	148
PUBLISHG-PRDCALS	149
SHOES&REL APPRL	173
SOAP&CLNG PREPS	174
TEXTILE-APPAREL	180
TOBACCO	183
MISC.CONSUMER STAPLES	207

### Consumer Discretionary, Sector 2

ADVERTISING	1
APPLIANCE-HSHLD	5
AUDIO/VIDEO PRD	6
BRDCST-RADIO/TV	32
CABLE TV	33
FURNITURE	79
HOTELS & MOTELS	81
LEISURE&REC PRD	91
LEISURE&REC SVS	92
MOVIE/TV PROD&DIST.	122
CONSM PRDT-MISC.DISC.	123
PHOTO EQP &SUPP	142
PREC MTL/JWLRY	144
SCHOOLS	172
TEXTILE-HME FRN	181
TOOLS-HAND HELD	184
TOYS/GAME/HOBBY	185
LEISURE&REC/GMG	200
MEDIA CONGLOMERATES	208

### Retail/Wholesale, Sector 3

RET/WHL-AUTO PT	9
BLDG PRD-RT/WHL	25
FOOD ITEMS/WHL	70
MED-WHL DRUGS/SUNDRIES	112
RETAIL-APP/SHOE	154
RETAIL-CATLG SH	155
RETAIL-CONS ELC	156
RETAIL-CNV STRS	157
RETAIL-DISCOUNT	158
RETAIL-DRUG STR	159
RETAIL-RESTRNTS	160
RETAIL-HOME FRN	161
RETAIL-JEWELRY	162
RETAIL-MAIL ORD	163
RETAIL-MJR DEPT	164
RETAIL-MISC/DIV	165
RETAIL-RGN DEPT	166
RETAIL-SUPERMKT	167
RETAIL-VENDING	168
RETAIL/WHSL CMP	169
RETAIL/WHLSLE AUTO/TRUCK	210
E-COMMERCE	211

### Medical, Sector 4

MED INSTRUMENTS	103
MED PRODUCTS	104
MED-BIOMED/GENE	105
MED-DRUGS	106
MED-GENERIC DRG	107
MED-HMO	108
MED-HOSPITALS	109
MED-NURSING HMS	110
MED-OUTP/HM CRE	111
MED/DENTAL-SUPP	113
MEDICAL INFO SYSTEMS	215

### Autos, Tires & Trucks, Sector 5

AUTO -DOMESTIC	7
AUTO -FOREIGN	8
AUTO/TRUCK-ORIG	10
AUTO/TRUCK-REPL	11
ENGINES-INT CMB	58
RUBBER-TIRES	171

### Basic Materials, Sector 6

CHEM-DIVERSIFD	34
CHEM-FIBERS	35
CHEM-PLASTICS	36
CHEM-SPECIALTY	37
FERTILIZERS	59
MINING-GOLD	114
MINING-IRON	115
MINING-MISC	116
MINING-NON FERROUS	117
MINING-SILVER	118
METAL PROC&FABR	119
METAL PRD-DISTR	120
METAL PRD-FSTRS	121
PAPER &REL PRDS	140
PAPER-BUS FORMS	141
STEEL-PIPE&TUBE	175
STEEL-PRODUCERS	176
STEEL-SPECIALTY	177

### Industrial Products, Sector 7

CONTNRS-MTL/GLS	45
CONTNRS-PPR/PLS	46
ENGINRG/R&D SVS	57
GLASS PRODUCTS	80
LINEN SPLY &REL	93
MACH TLS&RL PRD	94
MACH-CONST/MNG	95
MACH-ELEC UTILS	96
MACH-ELECTRICAL	97
MACH-FARM	98
MACH-GENL INDL	99
MACH-MATL HDLG	100
MACH-PRINT TRAD	101
MACH-THRML PROC	102
OFFICE SPPL&FR	125
POLLUTION CNTRL	143
PRINTING-COMMRL	145
PROTECTION-SFTY	146
RUBBER&PLASTICS	170
TEXTILE-PRODUCTS	182
WIRE&CABLE PRDS	197

## Mapping of Zacks Expanded Industry Codes into Zacks Expanded Sector Codes *continued*

<b>Construction, Sector 8</b>		OIL-INTL INTGD	132
BLDG&CONST-MISC	21	OIL-INTL SPCLTY	133
BLDG PRD-AIR/HT	22	OIL & GAS-DRILL	134
BLDG PRD-DRS&TR	23	OIL-PROD/PIPELN	135
BLDG PRD-LTG FX	24	OIL-US EXP&PROD	136
BLDG PRD-WOOD	26	OIL-US INTEGRTD	137
BLDG-CMT/CNT/AG	27		
BLDG-HEAVY CNST	28	<b>Finance, Sector 13</b>	
BLDG-MAINT & SV	29	BANKS-FOREIGN	12
BLDG-MBL/MFG&RV	30	BANKS-MIDWEST	13
BLDG-RSDNT/COMR	31	BANKS-MONEY CTR	14
PAINTS&REL PRDS	139	BANKS-NORTHEAST	15
		BANKS-SOUTHEAST	16
		BANKS-SOUTHWEST	17
		BANKS-WEST	18
		FIN-CONS LOANS	61
<b>Multi-Sector Conglomerates, Sector 9</b>		FIN-INVEST BKRS	62
DIVERSIFIED OPS	48	FIN-INVEST MGMT	63
		FIN-LEASING COS	64
<b>Computers and Technology, Sector 10</b>		FIN-MTG&REL SVS	65
COMP-GRAPHICS	39	FIN-INVEST FUND	66
COMP-MAINFRAME	40	FIN-SVGS & LOAN	67
COMP-MICRO	41	FIN-SBIC&COMMRL	68
COMP-PERIPH EQP	42	FIN-SERVICES OTHER	69
COMP-SERVICES	43	INS-ACC & HLTH	85
COMP-SOFTWARE	44	INS-BROKERS	86
ELEC COMP-SEMIC	49	INS-LIFE	87
ELEC-MISC COMPN	50	INS-MULTI LINE	88
ELEC MSRNG INST	51	INS-PROP&CASLTY	89
ELEC PRODS-MISC	52	REIT-EQTY TRUST	150
ELEC-CONNECTORS	53	REIT-MTGE TRUST	151
ELEC PARTS DIST	54	REAL ESTATE DEV	152
FIBER OPTICS	60	REAL ESTATE OPS	153
INDL AUTO/RBTCS	82	BANKS-MAJOR REGIONAL	204
INSTRU-CONTROL	83		
INSTRU-SCIENTFC	84	<b>Utilities, Sector 14</b>	
LASERS-SYS/COMP	90	UTIL-ELEC PWR	193
OFFICE AUTO&EQP	124	UTIL-GAS DISTR	194
COMP-OPTICL REC	138	UTIL-TELEPHONE	195
TELECOMM SVCS	178	UTIL-WATER SPLY	196
TELECOMM EQUIP	179		
COMP-NETWORKS	198	<b>Transportation, Sector 15</b>	
COMP-MINI	199	TRANS-AIR FRGHT	186
TELECOMM-WIRELESS	201	TRANS-AIRLINE	187
COMP-STORAGE DEV	202	TRANS-EQP&LSNG	188
COMP-INTEGT SYS	203	TRANS-RAIL	189
ELEC-MFG MACH	209	TRANS-SHIP	190
INTERNET CONTENT	212	TRANS-SERVICES	191
INTERNET SERVICES	213	TRANS-TRUCK	192
INTERNET SOFTWARE	214		
		<b>Business Services, Sector 16</b>	
<b>Aerospace, Sector 11</b>		BUSINESS SERVICES	205
AEROSP/DEFENSE	2	BUSINESS INFO.SERVICES	206
AEROSP/DEF EQ	3		
ELEC-MILITARY	55	<b>Unclassified, Sector 17</b>	
		UNCLASSIFIED	500
<b>Oils &amp; Energy, Sector 12</b>			
COAL	38	<b>Index, Sector 0</b>	
ENERGY-ALT SRCS	56	INDICES	400
OIL-US RYLTY TR	126		
OIL FLD MCH&EQP	127		
OIL REFING&MKTG	128		
OIL-C\$ EXP&PROD	129		
OIL-C\$ INTEGRTD	130		
OIL-FIELD SVCS	131		

## Mapping of Zacks Medium Industry Codes Into Zacks Expanded Sector Codes

<b>Consumer Staples, Sector 1</b>		<b>Computer And Technology, Sector 10</b>	
Apparel	1	Computer/Office Equipment	31
Beverages	2	Computer Software/Services	32
Food	3	Electronic/Semiconductors	33
Publishing	4	Electronics	34
Soaps/Cosmetics	5	Misc Technology	35
Tobacco	6	Telecommunications Equipment	36
Cons Prod-Misc Staples	7	Telecommunications Services	37
<b>Consumer Discretionary, Sector 2</b>		<b>Aerospace, Sector 11</b>	
Home Furnishing/Appliance	8	Aerospace/Defense	38
Leisure Service	9		
Media	10	<b>Oils-Energy, Sector 12</b>	
Photo Equipment & Supplies	11	Coal	39
Other Consumer Discretionary	12	Energy-Alternate Sources	40
		Oil Machinery/Services/Drilling	41
<b>Retail-Wholesale, Sector 3</b>		Oil-Exploration&Production	42
Food/Drug-Retail/Wholesale	13	Oil-Misc	43
Nonfood Retail/Wholesale	14	Oil-Integrated	44
		Oil&Gas Production/Pipeline	45
<b>Medical, Sector 4</b>		<b>Finance, Sector 13</b>	
Drugs	15	Banks-Major	46
Medical Care	16	Banks & Thrifts	47
Medical Products	17	Finance	48
		Insurance	49
<b>Auto-Tires-Trucks, Sector 5</b>		Invest Bkrs/Mgrs	50
Autos/Tires/Trucks	18	Investment Fund	51
		Real Estate	52
<b>Basic Materials, Sector 6</b>		<b>Utilities, Sector 14</b>	
Chemicals & Fertilizer	19	Utility-Elec Pwr	53
Metals-Non Ferrous	20	Utility-Gas Distr	54
Steel	21	Utility-Telephone	55
Paper	22	Utility-Water Supply	56
<b>Industrial Products, Sector 7</b>		<b>Transportation, Sector 15</b>	
Containers & Glass	23	Transportation-Air	57
Industrial Products/Services	24	Transportation	58
Machinery-Electrical	25		
Machinery	26	<b>Business Services, Sector 16</b>	
Pollution Control	27	Business Service	59
<b>Construction, Sector 8</b>		<b>Unclassified, Sector 17</b>	
Building Products	28	Unclassified	70
Construction/Building Services	29		
<b>Conglomerates, Sector 9</b>		<b>Indices, Sector 0</b>	
Conglomerates	30	Indices	0

## Zacks Old Industry Groups

Zacks old Industry codes are available in the DBCM database (Item 110), DBZHE database (Item 10) and the DBDA/DQ database (Item 6).

1	INDICES	51	MACHINE TOOLS
2	ADVERTISING	52	MACHINERY - CONSTRUCTION & MINING
3	AEROSPACE & DEFENSE	53	MACHINERY - DIVERSIFIED
4	AUTO PARTS - ORIGINAL EQUIPMENT	54	MACHINERY -OIL WELL EQUIPMENT & SERVICES
5	AUTO PARTS - REPLACEMENT	55	MANUFACTURED HOUSING
6	AUTO & TRUCK	56	MEDICAL - SUPPLIES
7	BEVERAGES	57	MEDICAL - HOSPITAL MANAGEMENT & SERVICES
8	FOREIGN - ADRS	58	MEDICAL - BIOTECHNOLOGY
9	BROADCASTING-TV & RADIO	59	METAL FABRICATING
10	BUILDING MATERIALS - DIVERSIFIED	60	METALS - ALUMINUM
11	BUILDING MATERIALS - RETAILERS	61	METALS - OTHER NONFERROUS
12	CANADIAN COMPANIES - CANADIAN \$	62	OIL - PIPELINES
13	CHEMICALS - DIVERSIFIED	63	MINING
14	CHEMICALS - SPECIALTY	64	MISCELLANEOUS - MANUFACTURING
15	CONGLOMERATES	65	MISCELLANEOUS - SERVICES
16	PERSONAL CARE	66	OFFICE & BUSINESS EQUIPMENT
17	DRUGS - ETHICAL	67	OIL - DRILLING
18	DRUGS - NON-ETHICAL	68	OIL - MAJOR INTEGRATED
19	ELECTRICAL EQUIPMENT	69	OIL - SECONDARY
20	ELECTRICAL EQUIP - CONNECTORS	70	PACKAGING & CONTAINERS
21	ELECTRICAL EQUIP - MAJOR DIVERSIFIED	71	PHOTOGRAPHY
22	ELECTRONICS - DESIGN & PRODUCTION	72	POLLUTION CONTROL
23	ELECTRONICS - MISCELLANEOUS	73	PUBLISHING
24	ELECTRONICS - SEMICONDUCTORS	74	PUBLISHING - NEWSPAPERS
25	EMERGING TECHNOLOGY	75	REAL ESTATE - EQUITY & MORTGAGE
26	ENGINEERING & CONSTRUCTION	76	REAL ESTATE - MISCELLANEOUS
27	ENTERTAINMENT	77	R.E.I.T.
28	FINANCIAL SERVICES	78	RESTAURANTS
29	FINANCIAL - BANKS, MULTINATIONAL	79	RETAIL - DEPARTMENT STORES
30	FINANCIAL - BANKS, REGIONAL	80	RETAIL - DRUG STORES
31	FINANCIAL - S&L'S/THRIFTS	81	RETAIL - GENERAL MERCHANDISE
32	FINANCIAL - SECURITIES BROKERS	82	RETAIL - GROCERY
33	FOOD - PROCESSING	83	RETAIL - SPECIALTY
34	FOOD - WHOLESALEERS & RETAILERS	84	SHOES
35	FOREST PRODUCTS	85	STEEL
36	FOREST PRODUCTS - PAPER	86	TELECOMMUNICATIONS
37	FURNITURE/HOME FURNISHINGS	87	TEXTILES - APPAREL
38	HOME APPLIANCES	88	TEXTILES - PRODUCTS
39	HOME BUILDERS	89	TIRE & RUBBER
40	HOUSEHOLD PRODUCTS	90	TOBACCO
41	INDUSTRIAL SERVICES	91	TOYS
42	INFORMATION PROCESSING - COMPUTERS & MINICOMPUTERS	92	TRANSPORTATION - RAILROADS
43	INFORMATION PROCESSING - INDIV. COMPUTERS/NETWORKS	93	TRANSPORTATION - AIRLINES
44	INFORMATION PROCESSING - MISCELLANEOUS	94	TRANSPORTATION - MISCELLANEOUS
45	INFORMATION PROCESSING - SOFTWARE	95	TRUCKING & LEASING
46	INSURANCE - LIFE	96	UTILITIES - ELECTRIC
47	INSURANCE - MULTILINE	97	UTILITIES - GAS
48	INSURANCE - PROPERTY & CASUALTY	98	UTILITIES - TELECOMMUNICATIONS
49	LEISURE TIME	99	UTILITIES - WATER
50	LODGING/CASINOS		

## Mapping of Zacks Old Industry Codes into Zacks Old Sector Codes

### Consumer Cyclical, Sector 1

ADVERTISING	2
AUTO PARTS-REPLACEMT	5
AUTO & TRUCKS	6
BROADCST	9
BUILDING MAT.-RETAIL	11
ENTERTAINMENT	27
FURNITURE/HM FURN.	37
HOME APPLIANCES	38
HOMEBUILDERS	39
LEISURE TIME	49
LODGING	50
MANUFACTURED HOUSING	55
PUBLISHING	73
PUBLISHING-NEWSPAPER	74
RESTAURANTS	78
RETAIL-DEPT STORES	79
RETAIL-DRUG STORES	80
RETAIL-GENL MDSE.	81
RETAIL-SPECIAL LINE	83
SHOES	84
TEXTILES-APPAREL	87
TOYS	91
TRANSPORTATION-AIR	93

### Basic Materials, Sector 2

CHEMICALS-DIVERS	13
CHEMICALS-SPECIALTY	14
FOREST PRODUCTS	35
FOREST PROD.-PAPER	36
METALS-ALUMINUM	60
METALS-NONFERROUS	61
MINING	63
STEEL	85
TIRE & RUBBER	89

### Industrial, Sector 3

AUTO PARTS-ORIG EQPT	4
BUILDING MAT.-DIVERS	10
ELECTRICAL EQUIP	19
ELEC EQUIP-CONNECTOR	20
ELEC EQUIP-MAJOR DIV	21
ENGINEER&CONSTRUCT	26
INDUSTRIAL SERVICES	41
MACHINE TOOLS	51
MACHINE-CONST & MINE	52
MACHINE-DIVERS	53
METAL FABRICATING	59
MISC-MANUFACTURING	64
PACKAGING &CONTAINER	70
POLLUTION CONTROL	72
TEXTILE PRODUCTS	88
TRANSPORTATION-RAIL	92
TRANSPORTATION-MISC	94
TRUCKING & LEASING	95

### Consumer Non-Cyclical, Sector 4

BEVERAGES	7
COMSETICS&PERS CARE	16
DRUGS-ETHICAL	17
DRUGS NON-ETHICAL	18
FOOD-PROCESSING	33
FOOD-WHLSLE&RETAIL	34
HOUSEHOLD PRODUCTS	40
MEDICAL SUPPLIES	56
MEDICAL-HOSP.MGT&SER	57
MISC-SERVICES	65
RETAIL-GROCERY	82
TOBACCO	90

### Finance, Sector 5

FINANCIAL SERVICES	28
FINL-BANKS MULTINATL	29
FINL-BANKS REGIONAL	30
FINL-S&L./THRIFTS	31
FINL-SECUR. BROKERS	32
INSURANCE-LIFE	46
INSURANCE-MULTILINE	47
INSURANCE-PROP& CAS	48
REAL EST-EQUITY&MTG	75
REAL EST-MISC	76
REIT	77

### Technology, Sector 6

AEROSPACE\DEFENSE	3
ELECTRON-DESIGN&PROD	22
ELECTRONICS-MISC	23
ELECTRONICS-SEMICOND	24
EMERGING TECHNOLOGY	25
COMPUTERS & MINI	42
INDIV COMPUT/NETWORK	43
INFO PROC-MISC	44
INFO PROC-SFTWR&SVC	45
MEDICAL-BIOTECH.	58
OFFICE/BUS. EQUIP.	66
PHOTOGRAPHY	71
TELECOMMUNICATIONS	86

### Utilities, Sector 7

UTILITIES-ELECTRIC	96
UTILITIES-GAS	97
UTILITIES-TELECOM.	98
UTILITIES-WATER	99

### Energy, Sector 8

OIL WELL EQUIP & SVC	54
OIL-PIPELINE	62
OIL-DRILLING	67
OIL-MAJOR INTEGRATED	68
OIL-SECONDARY	69

### Industries without an assigned sector:

INDICES	1
FOREIGN- ADRS	8
CANADIAN-CAN \$	12
CONGLOMERATES	15



## Standard & Poors Industry Groups Alphabetically by Industry

Standard & Poor's industry codes are available for current members of the S&P 500 (DBCM Item 109, Period 1, DBCM Virtual Item 901; DBDA/DBDQ Item 5), S&P 600 (DBCM Item 109, Period 4, DBCM Virtual Item 904), and S&P 400 (DBCM Item 109, Period 2, DBCM Virtual item 902).

201	Aerospace/Defns	711	Invest Bkg/Brkg
101	Agriculture	712	Invest Mgmt
1002	Air Freight	109	Iron & Steel
1003	Airlines	410	Leisure Tm-Pdts
102	Aluminum	411	Lodging-Hotels
401	Auto Parts&Eqpt	205	Machinery-Divrs
402	Automobiles	206	Manu-Diversifd
702	Banks-Major Reg	207	Manu-Specializd
703	Banks-Money Ctr	208	Metal Fabrcatrs
704	Banks-Regional	110	Metals Mining
501	Beverages-Alcoh	1102	Natural Gas
502	Beverages-Soft	209	Office Eqp&Supp
809	Biotechnology	605	Oil-Drmc Intgrd
503	Broadcast Media	603	Oil-Expl & Prod
403	Building Matrls	606	Oil-Intl Intgrd
103	Chemicals	604	Oil-Refining
104	Chemicals-Divrs	602	Oil-Well Equip
105	Chemicals-Splty	111	Paper & Forest
902	Comm-Equip/Mfrs	705	Personal Loans
903	Comp Hardware	412	Photo/Imaging
904	Comp Networking	1103	Power Prod-Indp
905	Comp Peripheral	517	Printing-Splty
906	Comp Sftwr&Svcs	413	Publishing
106	Construction	414	Publishing-News
404	Consumer-Gifts	1004	Railroads
202	Containers-Mt&Gl	510	Restaurants
107	Containers-Paper	714	REITS
509	Cosmetics	415	Ret-Bldg Supply
504	Distr Cons Prds	416	Ret-Comp&Elctrs
405	Distr Durables	417	Ret-Dept Stores
1101	Electric Cos	418	Ret-Discounters
203	Electricl Equip	511	Ret-Drug Stores
907	Electrn-Compone	512	Ret-Food Chains
908	Electrn-Defense	419	Ret-Genl Merch
909	Electrn-Instrum	420	Ret-Home Shop
910	Electrn-Semicon	422	Ret-Specialty
204	Engring & Const	421	Ret-Splty Apprl
505	Entertainment	713	S&L Cos
911	Equip-Semicondt	423	Serv-Adv&Mrktng
706	Financial Dvrstd	424	Serv-Cmcl&Cnsmr
506	Foods	912	Serv-Comp System
406	Gaming/Lottery	913	Serv-Data Proce
108	Gold Mining	513	Serv-Employment
407	Hardware&Tools	514	Serv-Environ
801	Hlth Cr-Divrsfd	515	Serv-Payroll
803	Hlth Cr-Drg Mjr	516	Serv-Rentals
802	Hlth Cr-Drg Oth	1005	Shipping
804	Hlth Cr-Hsp Mgt	426	Shoes
805	Hlth Cr-Lgtrm Cr	301	Telecomm-Cell
807	Hlth Cr-Med Prd	302	Telecomm-Lg Dis
806	Hlth Cr-Mngd Cr	303	Telephone-New
808	Hlth Cr-Spel Sv	425	Textiles-Apprl
408	Homebuilding	427	Textiles-Hm Frn
409	Househld Frn&Ap	428	Textiles-Splty
507	Househld Prdcts	518	Tobacco
508	Housewares	1006	Truckers
707	Insurance Brkrs	210	Trucks & Parts
708	Insurance Life	211	Waste Managemnt
709	Insurance Multi	1104	Water Utilities
710	Insurance Pr&Ca		

## Standard & Poors Industry Groups Numerically By Industry Code

Standard & Poor's industry codes are available for current members of the S&P 500 (DBCM Item 109, Period 1, DBCM Virtual Item 901; DBDA/DBDQ Item 5), S&P 600 (DBCM Item 109, Period 4, DBCM Virtual Item 904), and S&P 400 (DBCM Item 109, Period 2, DBCM Virtual item 902).

101	Agriculture	511	Ret-Drug Stores
102	Aluminum	512	Ret-Food Chains
103	Chemicals	513	Serv-Employment
104	Chemicals-Divrs	514	Serv-Environ
105	Chemicals-Sply	515	Serv-Payroll
106	Construction	516	Serv-Rentals
107	Containers-Paper	517	Printing-Sply
108	Gold Mining	518	Tobacco
109	Iron & Steel	602	Oil-Well Equip
110	Metals Mining	603	Oil-Expl & Prod
111	Paper & Forest	604	Oil-Refining
201	Aerospace/Defns	605	Oil-Dmnc Intgrd
202	Containers-Mt&Gl	606	Oil-Intl Intgrd
203	Electrical Equip	702	Banks-Major Reg
204	Engrng & Const	703	Banks-Money Ctr
205	Machinery-Divrs	704	Banks-Regional
206	Manu-Diversifd	705	Personal Loans
207	Manu-Specializd	706	Financial Dvrtd
208	Metal Fabrcatrs	707	Insurance Brkrs
209	Office Eqp&Supp	708	Insurance Life
210	Trucks & Parts	709	Insurance Multi
211	Waste Managemnt	710	Insurance Pr&Ca
301	Telecomm-Cell	711	Invest Bkg/Brkg
302	Telecomm-Lg Dis	712	Invest Mgmt
303	Telephone-New	713	S&L Cos
401	Auto Parts&Eqpt	714	REITS
402	Automobiles	801	Hlth Cr-Divrsfd
403	Building Matrls	802	Hlth Cr-Drg Oth
404	Consumer-Gifts	803	Hlth Cr-Drg Mjr
405	Distr Durables	804	Hlth Cr-Hsp Mgt
406	Gaming/Lottery	805	Hlth Cr-Lgtrm Cr
407	Hardware&Tools	806	Hlth Cr-Mngd Cr
408	Homebuilding	807	Hlth Cr-Med Prd
409	Househd Frn&Ap	808	Hlth Cr-Spl Sv
410	Leisure Tm-Pdts	809	Biotechnology
411	Lodging-Hotels	902	Comm-Equip/Mfrs
412	Photo/Imaging	903	Comp Hardware
413	Publishing	904	Comp Networking
414	Publishing-News	905	Comp Peripheral
415	Ret-Bldg Supply	906	Comp Sftwr&Svcs
416	Ret-Comp&Elctrs	907	Electrn-Compone
417	Ret-Dept Stores	908	Electrn-Defense
418	Ret-Discounters	909	Electrn-Instrum
419	Ret-Genl Merch	910	Electrn-Semicon
420	Ret-Home Shop	911	Equip-Semicondt
421	Ret-Sply Apprl	912	Serv-Comp Systm
422	Ret-Specialty	913	Serv-Data Proce
423	Serv-Adv&Mrktng	1002	Air Freight
424	Serv-Cmcl&Cnsmr	1003	Airlines
425	Textiles-Apprl	1004	Railroads
426	Shoes	1005	Shipping
427	Textiles-Hm Frn	1006	Truckers
428	Textiles-Sply	1101	Electric Cos
501	Beverages-Alcoh	1102	Natural Gas
502	Beverages-Soft	1103	Power Prod-Indp
503	Broadcast Media	1104	Water Utilities
504	Distr Cons Prds		
505	Entertainment		
506	Foods		
507	Househd Prdets		
508	Housewares		
509	Cosmetics		
510	Restaurants		

## S&P GICS Sector Codes

Standard & Poor's economic sector codes are available in the DBCM database (Item 208) for current members of the S&P 1500 only.

10	Energy
15	Materials
20	Industrials
25	Consumer Discr
30	Consumer Staple
35	Health Care
40	Financials
45	Info Technology
50	Telecomm Svcs
55	Utilities

## S&P GICS Industry Codes Numerically By Industry Code

Standard & Poor's economic sector codes are available in the DBCM database (Item 209) for current members of the S&P 1500 only.

10101010	Oil & Gas Drilling	25401030	Movies & Entertainment
10101020	Oil & Gas Equipment & Services	25401040	Publishing & Printing
10102010	Integrated Oil & Gas	25501010	Distributors
10102020	Oil & Gas Exploration & Production	25502010	Catalog Retail
10102030	Oil & Gas Refining & Marketing	25502020	Internet Retail
15101010	Commodity Chemicals	25503010	Department Stores
15101020	Diversified Chemicals	25503020	General Merchandise Stores
15101030	Fertilizers & Agricultural Chemicals	25504010	Apparel Retail
15101040	Industrial Gases	25504020	Computer & Electronics Retail
15101050	Specialty Chemicals	25504030	Home Improvement Retail
15102010	Construction Materials	25504040	Specialty Stores
15103010	Metal & Glass Containers	30101010	Drug Retail
15103020	Paper Packaging	30101020	Food Distributors
15104010	Aluminum	30101030	Food Retail
15104020	Diversified Metals & Mining	30201010	Brewers
15104030	Gold	30201020	Distillers & Vintners
15104040	Precious Metals & Minerals	30201030	Soft Drinks
15104050	Steel	30202010	Agricultural Products
15105010	Forest Products	30202020	Meat Poultry & Fish
15105020	Paper Products	30202030	Packaged Foods
20101010	Aerospace & Defense	30203010	Tobacco
20102010	Building Products	30301010	Household Products
20103010	Construction & Engineering	30302010	Personal Products
20104010	Electrical Components & Equipment	35101010	Health Care Equipment
20104020	Heavy Electrical Equipment	35101020	Health Care Supplies
20105010	Industrial Conglomerates	35102010	Health Care Distributors & Services
20106010	Construction & Farm Machinery	35102020	Health Care Facilities
20106020	Industrial Machinery	35102030	Managed Health Care
20107010	Trading Companies & Distributors	35201010	Biotechnology
20201010	Commercial Printing	35202010	Pharmaceuticals
20201020	Data Processing Services	40101010	Banks
20201030	Diversified Commercial Services	40201010	Consumer Finance
20201040	Employment Services	40201020	Diversified Financial Services
20201050	Environmental Services	40201030	Multi-Sector Holdings
20201060	Office Services & Supplies	40301010	Insurance Brokers
20301010	Air Freight & Couriers	40301020	Life & Health Insurance
20302010	Airlines	40301030	Multi-line Insurance
20303010	Marine	40301040	Property & Casualty Insurance
20304010	Railroads	40301050	Reinsurance
20304020	Trucking	40401010	Real Estate Investment Trusts
20305010	Airport Services	40401020	Real Estate Management & Development
20305020	Highways & Railroads	45101010	Internet Software & Services
20305030	Marine Ports & Services	45102010	IT Consulting & Services
25101010	Auto Parts & Equipment	45103010	Application Software
25101020	Tires & Rubber	45103020	Systems Software
25102010	Automobile Manufacturers	45201010	Networking Equipment
25102020	Motorcycle Manufacturers	45201020	Telecommunications Equipment
25201010	Consumer Electronics	45202010	Computer Hardware
25201020	Home Furnishings	45202020	Computer Storage & Peripherals
25201030	Homebuilding	45203010	Electronic Equipment & Instruments
25201040	Household Appliances	45204010	Office Electronics
25201050	Housewares & Specialties	45205010	Semiconductor Equipment
25202010	Leisure Products	45205020	Semiconductors
25202020	Photographic Products	50101010	Alternative Carriers
25203010	Apparel & Accessories	50101020	Integrated Telecommunication Services
25203020	Footwear	50102010	Wireless Telecommunication Services
25203030	Textiles	55101010	Electric Utilities
25301010	Casinos & Gaming	55102010	Gas Utilities
25301020	Hotels	55103010	Multi-Utilities
25301030	Leisure Facilities	55104010	Water Utilities
25301040	Restaurants		
25401010	Advertising		
25401020	Broadcasting & Cable TV		

## S&P GICS Industry Codes Alphabetically by Industry

Standard & Poor's economic sector codes are available in the DBCM database (Item 209) for current members of the S&P 1500 only.

25401010	Advertising	25201040	Household Appliances
20101010	Aerospace & Defense	30301010	Household Products
30202010	Agricultural Products	25201050	Housewares & Specialties
20301010	Air Freight & Couriers	20105010	Industrial Conglomerates
20302010	Airlines	15101040	Industrial Gases
20305010	Airport Services	20106020	Industrial Machinery
50101010	Alternative Carriers	40301010	Insurance Brokers
15104010	Aluminum	10102010	Integrated Oil & Gas
25203010	Apparel & Accessories	50101020	Integrated Telecommunication Services
25504010	Apparel Retail	25502020	Internet Retail
45103010	Application Software	45101010	Internet Software & Services
25101010	Auto Parts & Equipment	45102010	IT Consulting & Services
25102010	Automobile Manufacturers	25301030	Leisure Facilities
40101010	Banks	25202010	Leisure Products
35201010	Biotechnology	40301020	Life & Health Insurance
30201010	Brewers	35102030	Managed Health Care
25401020	Broadcasting & Cable TV	20303010	Marine
20102010	Building Products	20305030	Marine Ports & Services
25301010	Casinos & Gaming	30202020	Meat Poultry & Fish
25502010	Catalog Retail	15103010	Metal & Glass Containers
20201010	Commercial Printing	25102020	Motorcycle Manufacturers
15101010	Commodity Chemicals	25401030	Movies & Entertainment
25504020	Computer & Electronics Retail	40301030	Multi-line Insurance
45202010	Computer Hardware	40201030	Multi-Sector Holdings
45202020	Computer Storage & Peripherals	55103010	Multi-Utilities
20103010	Construction & Engineering	45201010	Networking Equipment
20106010	Construction & Farm Machinery	45204010	Office Electronics
15102010	Construction Materials	20201060	Office Services & Supplies
25201010	Consumer Electronics	10101010	Oil & Gas Drilling
40201010	Consumer Finance	10101020	Oil & Gas Equipment & Services
20201020	Data Processing Services	10102020	Oil & Gas Exploration & Production
25503010	Department Stores	10102030	Oil & Gas Refining & Marketing
30201020	Distillers & Vintners	30202030	Packaged Foods
25501010	Distributors	15103020	Paper Packaging
15101020	Diversified Chemicals	15105020	Paper Products
20201030	Diversified Commercial Services	30302010	Personal Products
40201020	Diversified Financial Services	35202010	Pharmaceuticals
15104020	Diversified Metals & Mining	25202020	Photographic Products
30101010	Drug Retail	15104040	Precious Metals & Minerals
55101010	Electric Utilities	40301040	Property & Casualty Insurance
20104010	Electrical Components & Equipment	25401040	Publishing & Printing
45203010	Electronic Equipment & Instruments	20304010	Railroads
20201040	Employment Services	40401010	Real Estate Investment Trusts
20201050	Environmental Services	40401020	Real Estate Management & Development
15101030	Fertilizers & Agricultural Chemicals	40301050	Reinsurance
30101020	Food Distributors	25301040	Restaurants
30101030	Food Retail	45205010	Semiconductor Equipment
25203020	Footwear	45205020	Semiconductors
15105010	Forest Products	30201030	Soft Drinks
55102010	Gas Utilities	15101050	Specialty Chemicals
25503020	General Merchandise Stores	25504040	Specialty Stores
15104030	Gold	15104050	Steel
35102010	Health Care Distributors & Services	45103020	Systems Software
35101010	Health Care Equipment	45201020	Telecommunications Equipment
35102020	Health Care Facilities	25203030	Textiles
35101020	Health Care Supplies	25101020	Tires & Rubber
20104020	Heavy Electrical Equipment	30203010	Tobacco
20305020	Highways & Railtracks	20107010	Trading Companies & Distributors
25201020	Home Furnishings	20304020	Trucking
25504030	Home Improvement Retail	55104010	Water Utilities
25201030	Homebuilding	50102010	Wireless Telecommunication Services
25301020	Hotels		

## Zacks Database Item Frequency Codes

Calendar Frequencies		Fiscal and other Frequencies	
Frequency	Description	Frequency	Description
D	Daily Frequency	F	Fiscal Quarterly Frequency
W	Weekly Frequency	Y	Fiscal Annual Frequency
M	Monthly Frequency		
Q	Calendar Quarterly Frequency	E	Event Freq. (Ex: Split Factor)
A	Calendar Annual Frequency	X	No Frequency (Ex: Ticker)

## Zacks Database Item Format Codes

Code	Description	Example, DBCM Database
Axx	Alphanumeric item with xx characters.	DBCM Item 1, TICKER: Format A10. The TICKER filed will hold up to 10 characters.
Fxx.yy	Floating point format item with xx digits total and yy digits right of the decimal point.	DBCM Item 5, CURR PRICE: Format F8.2. The CURRENT PRICE filed will hold up to 8 digits, 2 to the right of the decimal point.
Ix	Integer format item, can't be more than 6 digits.	DBCM Item 58, #AN EPS F1: Format I2. The #AN EPS F1 will hold integers with up to 2 digits.

## Zacks Database Item Period and Split Codes

# Per - Number of periods of time series data. Example: DBCM Item 6, Monthly Price, contains 13 months of time series data.

Split-Code	Effect on Stock	Example
N	No effect	A split has no effect on DBCM Item 21, MKT VALUE
D	Divide	After a split, DBCM Item 5, CURR PRICE will be divided by the split factor.
M	Multiply	After a split, DBCM Item 20, SHARES OUT will be multiplied by the split factor.

## Summary of DBCM Database Items

### Company Descriptive

#### Item # Name

##### Company

3	Company Name
1	Ticker
116	CUSIP
506	Exchange Traded
503	Exchange Ticker
504	COM/ADR/Canadian
505	Currency
905	Options Exist
2	Fiscal Month End (mm)

#### 248 SIC Code

249	Number of Employees
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##### Sector and Industry Codes

191	Zacks Sector Codes (0-17)
117	Zacks Industry Codes (1-200+)
203	Zacks Medium Industry Codes (60)
	S&P Membership
901	S&P 500 Membership and Industry
902	S&P 400 Membership and Industry
903	S&P 100 Membership
904	S&P 600 Membership and Industry
208	S&P GICS Sector
209	S&P GICS Industry

##### Size and Share Volume

#### Item # Name

##### Company Size

20	Shares Outstanding (mil)
501	% Held by Insiders
502	% Held by Institutions
21	Market Value (\$mil)
80	Sales (\$mil)

##### Insider Trading Statistics

700	Net % Chg in Holdings - 12 Weeks
701	# of Buyers - 12 Weeks
702	# of Sellers - 12 Weeks
703	Multiple of Historical Norm - 12 Wks
704	Net % Chg in Holdings - 24 Weeks
705	# of Buyers - 24 Weeks
706	# of Sellers - 24 Weeks
707	Multiple of Historical Norm - 24 Wks

##### Share Volume

22	Volume - 20 days (shares)
512	Volume - 20 days/Shares Out (%)
195	Short Interest
640	% Change Short Interest - 1 Month
196	Short Ratio

##### Price and Price Changes

#### Item # Name

##### Price

5	Current Price
6	Month-end Price
7	Year-end Price
8	52 Week High
9	52 Week Low

#### Item # Name

507	Current Price/52 Week High
508	Current Price/52 Week Low
10	Current Price/High-Low Range

##### Price Changes

19	Beta (60 months)
4	Split Factor (e.g 2.00 = 2:1)
120	% Change Price - 1 Week
11	% Change Price - 4 Weeks
13	% Change Price - 12 Weeks
15	% Change Price - 24 Weeks
122	% Change Price - 52 Weeks
17	% Change Price - YTD
108	Total Return (Price+Dividend)

##### Relative to the S&P Index

121	Rel % Change Price - 1 Week
12	Rel % Change Price - 4 Weeks
14	Rel % Change Price - 12 Weeks
16	Rel % Change Price - 24 Weeks
123	Rel % Change Price - 52 Weeks
18	Rel % Change Price - YTD

##### Short-Term Price Targets

242	Mean Est for Short-Term Target Price
243	Std Dev of Short-Term Target Price Estimates
244	# Analysts in Price Target Consensus
246	Highest Short-Term Target Price
247	Lowest Short-Term Target Price

##### Ratings - Current

#### Item # Name

##### Company Ratings

192	Zacks Rank
136	Average Broker Rating (1-5)

##### Number of Broker Ratings

137	# in Rating
138	# Rating Strong Buy
139	# Rating Buy
140	# Rating Hold
141	# Rating Sell
142	# Rating Strong Sell
143	# No Rating

##### Percentage of Broker Ratings

614	% Rating Strong Buy
615	% Rating Buy
617	% Rating Hold
618	% Rating Sell
619	% Rating Strong Sell
620	% Rating Buy + Strong Buy

##### Ratings - Changes

#### Item # Name

##### Broker Rating Changes

621	% Rating Change - 1 Week
555	% Rating Upgrades - 1 Week
556	% Rating Downgrades - 1 Week
622	% Rating Change - 4 Weeks
557	% Rating Upgrades - 4 Weeks
558	% Rating Downgrades - 4 Weeks

## Summary of DBCM Database Items *continued*

### Number of Broker Rating Changes

Item #	Name
144	# Rating Upgrades - 1 Week
145	# Rating Downgrades - 1 Week
623	#(Up-Down Rating)/Total - 1 Week
146	# Rating Upgrades - 4 Weeks
147	# Rating Downgrades - 4 Weeks
624	#(Up-Down Rating)/Total - 4 Weeks

### EPS - Surprises and SUE

#### Item # Name

#### Surprises

41	EPS Surprises (%)
565	Last EPS Surprise (%)
566	Previous EPS Surprise (%)
567	Change in EPS Surprise (last-prev)
568	Avg EPS Surprise - Last 2 Quarters
569	Avg EPS Surprise - Last 4 Quarters
202	Actual EPS used in Surprise (\$/sh)

#### Standardized Unexpected Earnings

570	Last SUE
571	Previous SUE
572	Change in SUE (Last-Previous)
573	Average SUE - Last 2 Quarters
37	Standardized Unexpected Earnings
34	Actual EPS used in 12 mo (\$/share)
38	Predicted EPS used in 12 mo (\$/share)

### EPS - Estimate Revisions

#### Item # Name

#### Estimate Revisions - Last 12 Weeks

187	% Change Q(0) Est. - 4 Weeks
44	% Change Q(1) Est. - 4 Weeks
193	% Change Q(2) Est. - 4 Weeks
53	% Change F(1) Est. - 1 Week
54	% Change F(1) Est. - 4 Weeks
55	% Change F(1) Est. - 12 Weeks
63	% Change F(2) Est. - 4 Weeks
64	% Change F(2) Est. - 12 Weeks
194	% Change LT EPS Gr. Est. - 4 Wks
70	% Change LT EPS Gr. Est. - 12 Wks

#### Current Fiscal Year

56	# Up F(1) Est. - 4 Weeks
57	# Down F(1) Est. - 4 Weeks
559	# Up/# Estimates F(1) - 4 Weeks
587	# Down/# Estimates F(1) - 4 Weeks
560	# Up/# Down F(1) Est. - 4 Weeks
563	(# Up-# Down)/# Est F(1) - 4 Weeks

#### Next Fiscal Year

65	# Up F(2) Est. - 4 Weeks
66	# Down F(2) Est. - 4 Weeks
561	# Up/# Estimates F(2) - 4 Weeks
588	# Down/# Estimates F(2) - 4 Weeks
562	# Up/# Down F(2) Est. - 4 Weeks
564	(# Up-# Down)/# Est F(2) - 4 Weeks

### Sales Estimates and Surprises

#### Fiscal Year Sales Estimates

#### Item # Name

#### Sales Estimates For Last Fiscal Year

219	F(0) Consensus Sales Estimate (\$mil)
220	F(0) Std Dev of Sales Consensus
221	F(0) # Analysts in Sales Consensus

#### Sales Estimates for Curr Fiscal Year

226	F(1) Consensus Sales Estimate (\$mil)
227	F(1) Std Dev of Sales Consensus
228	F(1) # Analysts in Sales Consensus

#### Sales Estimates for Next Fiscal Year

234	F(2) Consensus Sales Estimate (\$mil)
235	F(2) Std Dev of Sales Consensus
236	F(2) # Analysts in Sales Consensus

#### Fiscal Qtr Sales Estimates

#### Item # Name

#### Sales Estimates for Last Fiscl Quarter

214	Q(0) Consensus Sales Estimate (\$mil)
215	Q(0) Std Dev of Sales Consensus
216	Q(0) # Analysts in Sales Consensus

#### Sales Estimates for Current Fiscl Qtr

222	Q(1) Consensus Sales Estimate (\$mil)
223	Q(1) Std Dev of Sales Consensus
224	Q(1) # Analysts in Sales Consensus

#### Sales Estimates for Next Fiscl Qtr

230	Q(2) Consensus Sales Estimate (\$mil)
231	Q(2) Std Dev of Sales Consensus
232	Q(2) # Analysts in Sales Consensus

#### Sales Estimates for Third Fiscl Qtr

238	Q(3) Consensus Sales Estimate (\$mil)
239	Q(3) # Analysts in Sales Consensus
	Sales Estimates for Fourth Fiscl Qtr
240	Q(4) Consensus Sales Estimates (\$mil)
241	Q(4) # Analysts in Sales Consensus

### Sales Surprises

#### Item # Name

218	Sales Surprises (%)
217	Qrtly Act Sales used in Surp (\$mil)

### Growth - EPS Projected

#### Item # Name

#### Trend

68	Next 3-5 Years Est EPS Growth (%/yr)
129	Median EPS LT Estimate Growth (%)
69	Std Dev of LT EPS Growth Estimates
71	# Analysts in Growth Consensus

#### Annual (next yr/yr)

529	Est. One Year EPS Growth F(1)/F(0)
531	Est. Two Year EPS Growth F(2)/F(0)
645	12 Mo. Forward Estimate/12 Mo. Actual Year To Date (ytd/ytd year ago)
636	Est.YTD EPS Gr.Q(1)/YTD Year ago
637	Est.YTD EPS Gr.Q(2)/YTD Year ago



638 Est.YTD EPS Gr.Q(3)/YTD Year ago

639 Est.YTD EPS Gr.Q(4)/YTD Year ago

**Summary of DBCM Database Items *continued*****Quarterly (12 mo/12 mo year ago)****Item # Name**

533 Est.12 mo. EPS Gr.Q(1)/Year ago  
 534 Est.12 mo. EPS Gr.Q(2)/Year ago  
 535 Est.12 mo. EPS Gr.Q(3)/Year ago  
 536 Est.12 mo. EPS Gr.Q(4)/Year ago

**Quarterly (qtr/prior qtr)**

547 Est. EPS Gr. Q(1)/Q(0)  
 548 Est. EPS Gr. Q(2)/Q(1)  
 549 Est. EPS Gr. Q(3)/Q(2)  
 550 Est. EPS Gr. Q(4)/Q(3)

**Quarterly (Qtr/same qtr yr ago)**

537 Est. EPS Gr. Q(1)/Q(-3)  
 538 Est. EPS Gr. Q(2)/Q(-2)  
 539 Est. EPS Gr. Q(3)/Q(-1)  
 540 Est. EPS Gr. Q(4)/Q(0)

**Growth - EPS Historical****Item # Name****Trend**

35 5 Year Historical EPS Growth (%)  
 36 R-squared Historical EPS Growth

**Annual (yr/prior yr)**

516 % Change EPS F(0)/F(-1)  
 515 % Change EPS F(-1)/F(-2)  
 514 % Change EPS F(-2)/F(-3)

**12 Month Trailing Growth**

518 12 Mo. EPS Current/Last (%)  
 517 12 Mo. EPS Current-1Q/Last-1Q (%)

**Quarterly (qtr/prior qtr)**

519 % Change Act. EPS Q(0)/Q(-1)  
 520 % Change Act. EPS Q(-1)/Q(-2)  
 521 % Change Act. EPS Q(-2)/Q(-3)  
 522 % Change Act. EPS Q(-3)/Q(-4)  
 523 % Change Act. EPS Q(-4)/Q(-5)  
 524 % Change Act. EPS Q(-5)/Q(-6)

**Quarterly (qtr/same qtr yr ago)**

525 % Change Act. EPS Q(0)/Q(-4)  
 526 % Change Act. EPS Q(-1)/Q(-5)  
 527 % Change Act. EPS Q(-2)/Q(-6)  
 528 % Change Act. EPS Q(-3)/Q(-7)

**Growth- Sales****Item # Name****Trend**

81 5 Year Historical Sales Growth (%)  
 82 R-squared Historical Sales Growth

**Annual (yr/prior yr)**

574 Sales Growth F(0)/F(-1)  
 12 Month Trailing Growth  
 575 12 Mo. Sales Current/Current-1Q (%)  
 576 12 Mo. Sales Current/Last (%)

**Quarterly (ytd/prior qtr)**

578 % Change Sales Q(0)/Q(-1)  
 579 % Change Sales Q(-1)/Q(-2)  
 580 % Change Sales Q(-2)/Q(-3)

**Item # Name**

581 % Change Sales Q(-3)/Q(-4)  
 582 % Change Sales Q(-4)/Q(-5)  
 583 % Change Sales Q(-5)/Q(-6)

**Quarterly (qtr/same qtr year ago)**

577 % Change Sales Q(0)/Q(-4)  
 584 % Change Sales Q(-1)/Q(-5)  
 585 % Change Sales Q(-2)/Q(-6)  
 586 % Change Sales Q(-3)/Q(-7)

**Growth - Net Income****Item # Name****Annual (yr/prior yr)**

590 Net Income Growth F(0)/F(-1)  
 589 Net Income Growth F(-1)/F(-2)

**12 Month Trailing Growth**

592 12 Mo. Net Income Current/Last (%)  
 591 12 Mo. Net Inc Current-1Q/Last-1Q (%)

**Quarterly (qtr/prior qtr)**

593 % Change Net Income Q(0)/Q(-1)  
 594 % Change Net Income Q(-1)/Q(-2)  
 595 % Change Net Income Q(-2)/Q(-3)  
 596 % Change Net Income Q(-3)/Q(-4)  
 597 % Change Net Income Q(-4)/Q(-5)  
 598 % Change Net Income Q(-5)/Q(-6)

**Quarterly (qtr/same qtr yr ago)**

599 % Change Net Income Q(0)/Q(-4)  
 600 % Change Net Income Q(-1)/Q(-5)  
 601 % Change Net Income Q(-2)/Q(-6)  
 602 % Change Net Income Q(-3)/Q(-7)

**Growth - Dividend and Book****Item # Name****Trend Dividend Growth Rate**

24 5 Year Historical Dividend Growth (%)  
 25 R-squared Historical Dividend Growth

**Trend Book Value Growth Rate**

98 5 Year Hist. Book Value Growth (%)  
 99 R-squared Historical Book Value Growth

**Cash Flow**

170 5 Year Average Cash Flow (\$/share)

**Ratios - Dividend and Payout****Item # Name****Dividend Ratio**

26 Current Dividend Yield (%)  
 27 5 Year Average Dividend Yield (%)  
 250 Last Quarter Cash Dividend per Share  
 251 Annual Cash Dividend per Share  
 23 Indicated Annual Dividend

**Payout Ratio**

101 Most Recent Payout Ratio  
 102 5 Year Average Payout Ratio  
 148 Last Ex-Dividend Amount (\$/sh)  
 149 Last Ex-Dividend Date (yyyymmdd)  
 513 Payout Ratio Change

## Summary of DBCM Database Items *continued*

### Ratios - P/E

Item #	Name
	<b><u>P/E Ratios using EPS Estimates</u></b>
72	P/E using F(1) Estimate
74	P/E using F(2) Estimate
646	P/E using 12 mo. forward EPS Estimate

### P/E Ratios using EPS Actuals

Item #	Name
76	P/E using 12 month EPS
78	P/E 12 month - 5 year High
79	P/E 12 month - 5 year Low
124	P/E 12 month - 5 year Average
509	P/E (Current/5 year High)
510	P/E (Current/5 year Low)
511	P/E (Current/5 year Average)

### P/E Ratios relative to the S&P Index

73	Rel P/E using F(1) Estimate
75	Rel P/E using F(2) Estimate
77	Rel P/E using 12 month EPS

### Ratios - Return on Investment

Item #	Name
	<b><u>Return on Equity (ROE)</u></b>
93	ROE - Most Recent 12 months (%)
94	ROE - Average Last 5 years (%)
603	Change in ROE (12 mo-5 year average)

### Return on Assets (ROA)

95	ROA - Most Recent 12 months (%)
96	ROA - Average Last 5 years (%)
604	Change in ROA (12 mo-5 year average)

### Return on Investment (ROI)

171	ROI - Most Recent 12 months (%)
172	ROI - Average Last 5 years (%)
605	Change in ROI (12 mo-5 year average)

### Ratios - Turnover

Item #	Name
	<b><u>Receivables Turnover</u></b>
177	Rec. Turnover - Most Recent
178	Rec. Turnover - Avg. Last 5 Yr.
609	Change in Rec.Turn. (12 mo-5 Yr Avg)

### Inventory Turnover

179	Inventory Turnover - Most Recent
180	Inventory Turnover - Avg. Last 5 Yr.
610	Change in Inv. Turn. (12 mo-5 Yr Avg)

### Asset Utilization

181	Asset Utilization - Most Recent
182	Asset Utilization - Avg. Last 5 Yr.
611	Change in Asset Util. (12 mo-5 Yr Avg)

### Ratios - Leverage

Item #	Name
	<b><u>Debt/Total Capital</u></b>
185	Debt/Total Capital - Most Recent (%)
186	Debt/Tot. Capital - Avg. Last 5 Yr (%)
612	Change in Debt/Tot.Cap.(Rec-5Yr Avg)

### Debt/Equity

554	Debt/Equity - Most Recent
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### Ratios - Liquidity & Coverage

Item #	Name
	<b><u>Current Ratio</u></b>
183	Current Ratio - Most Recent
184	Current Ratio - Average Last 5 Yr.
613	Change in Current Ratio (Rec-5Yr Avg)

### Quick Ratio and Cash Ratio

Item #	Name
552	Quick Ratio - Most Recent
553	Cash Ratio - Most Recent

### Interest Coverage Ratio

212	Interest Coverage
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### Ratios - Valuation

Item #	Name
	<b><u>Price/Fundamentals</u></b>
106	Cash Flow (\$/share)
100	Price/Book (Common Equity)
107	Price/Cash Flow
532	Price/Sales

### Uncertainty in Analyst Estimates

625	Std Dev Q(1)/Consensus Q(1)
626	Std Dev Q(2)/Consensus Q(2)
627	Std Dev F(1)/Consensus F(1)
628	Std Dev F(2)/Consensus F(2)
629	F(1) Range: (High-Low)/Consensus
630	F(2) Range: (High-Low)/Consensus
634	Extreme F(1): Mean/Median
635	Extreme F(2): Mean/Median

### Variability of Growth Rates

36	R-squared EPS Growth
82	R-squared Sales Growth
25	R-squared Dividend Growth

### Price to EPS Growth (PEG) Ratio

551	PEG Ratio: P/E F(1)/EPS Growth
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### Neglect Ratios

632	Market Value/# Analysts
633	Sales/# Analysts

### Margins

Item #	Name
	<b><u>Pretax Margin</u></b>
103	Pretax Margin 12 mo. - Most Recent (%)
104	Pretax Margin - Average Last 5 Years
606	Change in Pretax Mgn. (12 mo-5Yr Avg)
	<b><u>Net Margin</u></b>
173	Net Margin 12 mo. - Most Recent (%)
174	Net Margin - Average Last 5 Years
607	Change in Net Margin (12 mo-5Yr Avg)
	<b><u>Operating Margin</u></b>
175	Oper. Margin 12 mo - Most Recent (%)
176	Oper. Margin - Average Last 5 Years
608	Change in Oper. Mgn. (12 mo-5Yr Avg)

## Summary of DBCM Database Items *continued*

### Income Statement

#### **Item # Name**

##### Annual

80	Sales (\$mil)
83	Cost of Goods Sold (\$mil)
207	Earnings Bfr Int Tx Dep & Am (EBITDA)
206	Earnings Before Int & Tx (EBIT)
84	Pretax Income (\$mil)
85	Net Income Reported (\$mil)

### Cash Flow (\$mil)

#### 12 Month Trailing

#### **Item # Name**

155	Sales - 12 months (\$mil)
157	Net Income Reported - 12 mo. (\$mil)
156	Net Income Before NRI - 12 mo. (\$mil)

#### Quarterly

150	Sales - Quarterly (\$mil)
152	Net Income Reported - Quarterly (\$mil)
151	Net Income Before NRI - Qtr. (\$mil)
153	Net EPS (\$/share) Quarterly
201	Diluted Net EPS (\$/share) Quarterly

### Balance Sheet

#### **Item # Name**

##### Annual

86	Receivables (\$mil)
87	Inventory (\$mil)
88	Total Current Assets (\$mil)
89	Total Current Liabilities (\$mil)
90	Long Term Debt (\$mil)
91	Preferred Equity (\$mil)
92	Common Equity (\$mil)
97	Book Value (\$/share)

#### Quarterly

158	Cash and Marketable Secs - Qtr. (\$mil)
159	Receivables - Quarterly (\$mil)
160	Inventory - Quarterly (\$mil)
161	Current Assets - Quarterly
162	Total Assets - Quarterly (\$mil)
163	Current Liabilities - Quarterly (\$mil)
165	Total Liabilities - Quarterly (\$mil)
164	Total Long Term Debt - Qtr. (\$mil)
166	Minority Interest - Quarterly (\$mil)
167	Preferred Equity - Quarterly (\$mil)
168	Common Equity - Quarterly (\$mil)
169	Book Value (\$/share) - Quarterly

### EPS - Actual and Estimates

#### **Item # Name**

##### EPS - Actual

##### Annual

31	EPS Before NRI (\$/share) - Annual
32	Last Reported Fiscal Year (yyyyymm)
33	Last Completed Fiscal Year (yyyyymm)

#### 12 Month Trailing

34	12 month EPS Before NRI (\$/share)
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### Quarterly

28	EPS Before NRI (\$/share) - Quarterly
29	Last Reported Fiscal Quarter (yyyyymm)
30	Last Completed Fiscal Quarter (yyyyymm)

### EPS Report Dates

154	Last EPS Report Date (yyyyymmdd)
189	Next EPS Report Date (yyyyymmdd)

### EPS - Fiscal Year Estimates

#### **Item # Name**

#### Estimates For Last Fiscal Year

112	F(0) Consensus Estimate (\$/share)
33	F(0) Year End Date (yyyyymm)
113	F(0) Std Dev of Consensus
114	F(0) # Analysts in Consensus

#### Estimates for Current Fiscal Year

49	F(1) Consensus Estimate (\$/share)
50	F(1) Highest Estimate in Cons(\$/share)
51	F(1) Lowest Estimate in Cons (\$/share)
127	F(1) Median Estimate (\$/share)
541	F(1) Year End Date (yyyyymm)
52	F(1) Std Dev of Consensus
58	F(1) # Analysts in Consensus

#### Estimates for Next Fiscal Year

59	F(2) Consensus Estimate (\$/share)
60	F(2) Highest Estimate in Cons(\$/share)
61	F(2) Lowest Estimate in Cons (\$/share)
128	F(2) Median Estimate (\$/share)
542	F(2) Year End Date (yyyyymm)
62	F(2) Std Dev of Consensus
67	F(2) # Analysts in Consensus

#### Estimates for Third Fiscal Year

134	F(3) Consensus Estimate (\$/share)
543	F(3) Year End Date (yyyyymm)
135	F(3) # Analysts in Consensus

### Time Weighted Forward Looking Estimate

642	12 Month Forward Looking Estimate
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### EPS - Fiscal Quarter Estimates

#### **Item # Name**

#### Estimates for Last Fiscal Quarter

39	Q(0) Consensus Estimate (\$/share)
30	Q(0) Fiscal Quarter End Date (yyyyymm)
40	Q(0) Std Dev of Consensus
188	Q(0) # Analysts in Consensus

#### Estimates for Current Fiscal Quarter

42	Q(1) Consensus Estimate (\$/share)
197	Q(1) Highest Estimate in Cons(\$/share)
198	Q(1) Lowest Estimate in Cons (\$/share)
125	Q(1) Median Estimate (\$/share)
544	Q(1) Fiscal Quarter End Date (yyyyymm)
43	Q(1) Std Dev of Consensus
45	Q(1) # Analysts in Consensus

## Summary of DBCM Database Items *continued*

### Item # Name

#### Estimates for Next Fiscal Quarter

46	Q(2) Consensus Estimate (\$/share)
199	Q(2) Highest Estimate in Cons(\$/share)
200	Q(2) Lowest Estimate in Cons (\$/share)
126	Q(2) Median Estimate (\$/share)
545	Q(2) Fiscal Quarter End Date (yyyymm)
47	Q(2) Std Dev of Consensus
48	Q(2) # Analysts in Consensus

#### Estimates for Third Fiscal Quarter

130	Q(3) Consensus Estimate (\$/share)
546	Q(3) Fiscal Quarter End Date (yyyymm)
131	Q(3) # Analysts in Consensus

#### Estimates for Fourth Fiscal Quarter

132	Q(4) Consensus Estimates (\$/share)
530	Q(4) Fiscal Quarter End Date (yyyymm)
133	Q(4) # Analysts in Consensus

## DBCM Database Items: Zacks Current Database

Item #	Name	Freq	#Per	Split	FMT	Explanation
Item 1	<b>TICKER</b>	X	1	N	A10	Company ticker symbol
Item 2	<b>FYE MONTH</b>	X	1	N	I2	Fiscal year end month (1-12)
Item 3	<b>COMPANY</b>	X	1	N	A15	Company name
Item 4	<b>SPLIT FACT</b>	E	3	N	F8.3	Split adjustment factors for last three stock dividends or splits since Zacks began following the firm
Item 5	<b>CURR PRICE</b>	W	1	D	F8.2	Closing price as of prior week's last trade (weekly DBCM). Closing price as of prior day's last trade (daily DBCM).
Item 6	<b>MNLY PRICE</b>	M	13	D	F8.2	Month-end closing price
Item 7	<b>YRLY PRICE</b>	A	5	D	F8.2	Calendar year-end closing price
Item 8	<b>HPRICE 52W</b>	W	1	D	F8.2	Highest closing price of last 52 weeks
Item 9	<b>LPRICE 52W</b>	W	1	D	F8.2	Lowest closing price of last 52 weeks
Item 10	<b>H-L RANGE</b>	W	1	N	F8.2	Current price as a percent of the 52-week High/Low range. Calc: (CURR PRICE - LPRICE 52W) / (HPRICE 52W - LPRICE 52W) X 100
Item 11	<b>4WK PCHG%</b>	W	1	N	F8.2	Percentage price change in last 4 weeks. Calc: (CURR PRICE - CURR PRICE [4 weeks ago])/CURR PRICE [4 weeks ago] X 100
Item 12	<b>R4WKPCHG%</b>	W	1	N	F8.2	Percentage 4-week price change relative to S&P 500. Calc: $100 \times \left[ \frac{(1 + 0.01 \times 4\text{wk p chg}\%)}{(1 + 0.01 \times 4\text{wk p chg}\%[\text{S}\&\text{P}500])} - 1 \right]$
Item 13	<b>12WKPCHG%</b>	W	1	N	F8.2	Percentage price change in last 12 weeks
Item 14	<b>R12WKPCHG%</b>	W	1	N	F8.2	Percentage 12-week price change relative to S&P 500
Item 15	<b>24WK P CHG%</b>	W	1	N	F8.2	Percentage price change in last 24 weeks
Item 16	<b>R24WK P CHG%</b>	W	1	N	F8.2	Percentage 24-week price change relative to S&P 500
Item 17	<b>YTD P CHG%</b>	W	1	N	F8.2	Percentage price change in calendar year to date
Item 18	<b>RYTD P CHG%</b>	W	1	N	F8.2	Percentage year-to-date price change relative to S&P 500
Item 19	<b>BETA</b>	Q	1	N	F8.2	Stock return volatility relative to the S&P 500 over the last 60 months (includes dividends)
Item 20	<b>SHARES OUT</b>	F	1	M	F8.2	Number of common shares outstanding (in millions)
Item 21	<b>MKT VALUE</b>	W	1	N	F8.2	Market Value (capitalization) in millions Calc: CURR PRICE X SHARES OUT
Item 22	<b>20D AVEVOL</b>	W	1	M	F8.2	Average daily volume (in actual shares) for the last 20 trading days
Item 23	<b>IND AN DIV</b>	W	1	D	F8.2	Indicated annual dividend based on latest quarter
Item 24	<b>TREND DIVG</b>	Q	2	N	F8.2	Dividend growth rate is calculated from the beta of an exponential regression from the 20 quarterly historical dividends
Item 25	<b>R2 DIV GR</b>	Q	2	N	F8.2	R-squared value from the 'TREND DIVG regression
Item 26	<b>DIV YLD</b>	W	1	N	F8.2	Current dividend yield as of last completed week
Item 27	<b>5YR AVEYLD</b>	Q	2	N	F8.2	Mean of last 5 years' dividend yield (using closing price on last day of the previous 20 quarters)
Item 28	<b>ACT EPS Q</b>	F	9	D	F8.2	Diluted quarterly actual EPS before non-recurring items.
Item 29	<b>LST REP FQ</b>	W	1	N	I4	Date of last reported fiscal quarter earnings (YYYYMM format)
Item 30	<b>LST COM FQ</b>	F	1	N	I4	Date of last completed fiscal quarter (YYYYMM format)
Item 31	<b>ACT EPS Y</b>	Y	5	D	F8.2	Diluted operating earnings per share for the fiscal year
Item 32	<b>LST REP FY</b>	W	1	N	I4	Date of last reported fiscal year earnings (YYYYMM format)
Item 33	<b>LST COM FY</b>	Y	1	N	I4	Date of last completed fiscal year earnings (YYYYMM format)
Item 34	<b>ACT EPS 12</b>	F	6	D	F8.2	12 month trailing actual EPS (diluted)
Item 35	<b>TREND EPGR</b>	F	2	N	F8.2	EPS growth rate over the last 20 quarters of 12-month EPS. Calc: Beta from the exponential regression of the last 20 quarters of ACT EPS 12
Item 36	<b>R2 EPGR</b>	F	2	N	F8.2	R-squared value from the 'TREND EPGR regression. Calc: R-squared value from the regression Item 35

## DBCM Database Items: Zacks Current Database *continued*

Item #	Name	Freq	#Per	Split	FMT	Explanation
Item 37	<b>S U E</b>	F	2	N	F8.2	Standardized Unexpected Earnings - a measure of the deviation of 12-month EPS from the trend EPS growth line. Calc: (ACT EPS 12 - FORE 12 EPS)/Standard Error of FORE 12 EPS
Item 38	<b>FORE 12EPS</b>	F	2	D	F8.2	Fitted value for the last 2 quarters of 12-month EPS, calculated using the alpha and beta from the exponential regression of the last 20 quarters of ACT EPS 12
Item 39	<b>LAST ESTQ0</b>	F	9	D	F8.2	Mean EPS estimate for last completed fiscal quarter (Q0)
Item 40	<b>LAST SDVQ0</b>	F	9	D	F8.2	Standard deviation of the Q0 EPS estimates
Item 41	<b>QSUR%</b>	F	9	N	F8.2	Earnings surprise. Calc: [(ACT EPS Q - LAST EST Q0)/Absolute value of LAST EST Q0] X 100
Item 42	<b>EST EPS Q1</b>	W	1	D	F8.2	Most recently completed week's mean EPS estimate for the current fiscal quarter (Q1)
Item 43	<b>SDV EPS Q1</b>	W	1	D	F8.2	Standard deviation of current quarter estimates
Item 44	<b>%CH 4WK Q1</b>	W	1	N	F8.2	Four-week change in the current quarter EPS estimate
Item 45	<b>#AN EPS Q1</b>	W	1	N	I2	Number of current quarter EPS estimates
Item 46	<b>EST EPS Q2</b>	W	1	D	F8.2	Most recently completed week's mean EPS estimate for the next fiscal quarter (Q2)
Item 47	<b>SDV EPS Q2</b>	W	1	D	F8.2	Standard deviation of next fiscal quarter (Q2) estimates
Item 48	<b>#AN EPS Q2</b>	W	1	N	I2	Number of next quarter EPS estimates
Item 49	<b>EST EPS F1</b>	W	1	D	F8.2	Most recently completed week's mean EPS estimate for the current fiscal year (F1)
Item 50	<b>HI EST F1</b>	W	1	D	F8.2	Highest EPS estimate for the current fiscal year as of the last completed week
Item 51	<b>LOW EST F1</b>	W	1	D	F8.2	Lowest EPS estimate for the current fiscal year as of the last completed week
Item 52	<b>SDV EPS F1</b>	W	1	D	F8.2	Standard deviation of current fiscal year estimates
Item 53	<b>%CH 1WK F1</b>	W	1	N	F8.2	Percentage change in mean EPS estimate for the current fiscal year in the last week. Calc: (EST EPS F1 [current] - EST EPS F1 [1 week ago])/absolute value of EST EPS F1 [1 week ago] X 100
Item 54	<b>%CH 4WK F1</b>	W	1	N	F8.2	Percentage change in the mean EPS estimate for the current fiscal year over the last 4 weeks. Calc: [(EST EPS F1 [current] - EST EPS F1 [4 weeks ago])/ Absolute value of EST EPS F1 [4 weeks ago]] X 100
Item 55	<b>%CH 12W F1</b>	W	1	N	F8.2	Percentage change in the mean EPS estimate for the current fiscal year over the last 12 weeks. Calc: [(EST EPS F1 [current] - EST EPS F1[12 weeks ago])/Absolute value of EST EPS F1 [12 weeks ago]] X 100
Item 56	<b>#UP 4WK F1</b>	W	1	N	I2	Number of upward revisions in current fiscal year estimate over the last 4 weeks
Item 57	<b>#DN 4WK F1</b>	W	1	N	I2	Number of downward revisions in current fiscal year estimate over the last 4 weeks
Item 58	<b>#AN EPS F1</b>	W	1	N	I2	Number of current fiscal year EPS estimates
Item 59	<b>EST EPS F2</b>	W	1	D	F8.2	Most recently completed week's mean EPS estimate for the next fiscal year
Item 60	<b>HI EPS F2</b>	W	1	D	F8.2	Highest EPS estimate for the next fiscal year, as of the most recently completed week
Item 61	<b>LOW EPS F2</b>	W	1	D	F8.2	Lowest EPS estimate for the next fiscal year, as of the most recently completed week
Item 62	<b>SDV EPS F2</b>	W	1	D	F8.2	Standard deviation of next fiscal year estimates

## DBCM Database Items: Zacks Current Database *continued*

Item #	Name	Freq	#Per	Split	FMT	Explanation
Item 63	<b>%CH 4WK F2</b>	W	1	N	F8.2	Percentage change in mean EPS estimate for the next fiscal year over the last 4 weeks. Calc: (EST EPS F2 [current] - EST EPS F2 [4 weeks ago])/ Absolute value of EST EPS F2 (4 weeks ago) X 100
Item 64	<b>%CH 12WKF2</b>	W	1	N	F8.2	Percentage change in mean EPS estimate for the next fiscal year over the last 12 weeks. Calc: ((EST EPS F2 [current] - EST EPS F2 [12 weeks ago])/ Absolute value of EST EPS F2 [12 weeks ago] X 100
Item 65	<b>#UP 4WK F2</b>	W	1	N	I2	Number of upward revisions of (F2) estimates in the last 4 weeks
Item 66	<b>#DN 4WK F2</b>	W	1	N	I2	Number of downward revisions of (F2) estimates in the last 4 weeks
Item 67	<b>#AN EPS F2</b>	W	1	N	I2	Number of EPS estimates for the next fiscal year
Item 68	<b>EST EPS GR</b>	W	1	N	F8.2	Mean estimate for long-term (3-5 year) annualized EPS growth as of the last completed week
Item 69	<b>SDV EPS GR</b>	W	1	N	F8.2	Standard deviation of long-term EPS growth estimates
Item 70	<b>%CH 12W GR</b>	W	1	N	F8.2	Percentage change in mean long-term EPS growth estimate over the last 12 weeks
Item 71	<b>#AN EPS GR</b>	W	1	N	I2	Number of long-term EPS growth estimates
Item 72	<b>P/E F1</b>	W	1	N	F8.2	Price/Earnings ratio (using F1 estimated earnings and current price). Calc: CURR PRICE/EST EPS F1
Item 73	<b>REL P/E F1</b>	W	1	N	F8.2	Price/Earnings ratio using the F1 estimated earnings relative to the S&P 500. Calc: P/E F1/(P/E F1 for S&P 500) X 100
Item 74	<b>P/E F2</b>	W	1	N	F8.2	Price/Earnings ratio (using F2 estimated earnings and current price). Calc: CURR PRICE/EST EPS F2
Item 75	<b>REL P/E F2</b>	W	1	N	F8.2	Price/Earnings ratio using the F2 estimated earnings relative to the S&P 500
Item 76	<b>P/E 12M</b>	W	1	N	F8.2	Price/Earnings ratio using diluted operating 12-month EPS and current price. Calc: CURR PRICE/ACT EPS 12
Item 77	<b>REL P/E 12M</b>	W	1	N	F8.2	Price/Earnings ratio using diluted operating 12-month EPS relative to the S&P 500. Calc: P/E 12M/(P/E 12M for S&P 500) X 100
Item 78	<b>5YR HI P/E</b>	W	1	N	F8.2	Highest of last 5 years' P/E ratios using actual 12-month EPS
Item 79	<b>5YR LO P/E</b>	W	1	N	F8.2	Lowest of last 5 years' P/E ratios using actual 12-month EPS
Item 80	<b>SALES</b>	Y	3	N	F8.2	Net Sales or Revenues
Item 81	<b>TREND SALE</b>	F	2	N	F8.2	Calculated from beta of an exponential regression on last 5 years of fiscal quarterly sales figures
Item 82	<b>R2 SALE GR</b>	F	2	N	F8.2	R-squared value from TREND SALE regression
Item 83	<b>COGS</b>	Y	3	N	F8.2	Cost of Goods Sold
Item 84	<b>PRETAX INC</b>	Y	3	N	F8.2	Income before taxes, extraordinary items and discontinued operations
Item 85	<b>NET INCOME</b>	Y	3	N	F8.2	Net income after extraordinary items and discontinued operations
Item 86	<b>RECEIVABLE</b>	Y	3	N	F8.2	All receivables minus provisions for bad debt
Item 87	<b>INVENTORY</b>	Y	3	N	F8.2	Inventory
Item 88	<b>TOT C ASST</b>	Y	3	N	F8.2	Total current assets
Item 89	<b>TOT C LIAB</b>	Y	3	N	F8.2	Total current liabilities
Item 90	<b>LTERM DEBT</b>	Y	3	N	F8.2	Debt due more than one year from balance sheet date; long-term debt, convertible debt, non-current capital leases and mortgages
Item 91	<b>PRF EQUITY</b>	Y	3	N	F8.2	Stockholder equity attributable to the parent company's issue of preferred stock
Item 92	<b>COM EQUITY</b>	Y	3	N	F8.2	Stockholder equity attributable to common equity (Common stock, capital surplus or additional paid-in capital, and retained earnings or earned surplus less treasury stock)

## DBCM Database Items: Zacks Current Database *continued*

Item #	Name	Freq	#Per	Split	FMT	Explanation
Item 93	<b>ROE</b>	F	3	N	F8.2	Calculated return on equity, as of the last completed fiscal quarter. Calc: (Income Before Norecurring items)/(Mean of trailing 4 quarters Common Equity)
Item 94	<b>5YR AVEROE</b>	F	3	N	F8.2	5-year average ROE as of last completed fiscal quarter
Item 95	<b>ROA</b>	F	3	N	F8.2	Calculated return on assets, as of the last completed fiscal quarter. Calc: (Income Before Nonrecurring Items)/(Mean of trailing 4 quarters Total Assets)
Item 96	<b>5YR AVEROA</b>	F	3	N	F8.2	5-year average ROA as of last completed fiscal quarter
Item 97	<b>BOOK/SHARE</b>	Y	2	D	F8.2	Book value of common equity per share. Calc: Annual reported common equity / Annual reported shares out.
Item 98	<b>TREND BVSG</b>	F	2	N	F8.2	Trend book value per share growth rate calculated from the beta of an exponential regression on the last 20 quarters' of fiscal quarterly book value per share
Item 99	<b>R2 BVS GR</b>	F	2	N	F8.2	R-squared value from TREND BVSG regression
Item 100	<b>PRICE/BOOK</b>	W	1	N	F8.2	Price to Book Value per share, as of last completed week
Item 101	<b>PAYOUT RAT</b>	F	3	N	F8.2	Dividend payout ratio. Calc: INDICATED ANNUAL DIVIDEND/ACT EPS 12
Item 102	<b>5YR AVEPAY</b>	F	3	N	F8.2	Mean of last 5 years of fiscal quarterly payout ratios
Item 103	<b>PRETAX MRG</b>	F	3	N	F8.2	Trailing four quarter pretax profit margin. Calc: (PRETAX INC/SALES) x 100
Item 104	<b>5Y AVEPTM</b>	F	3	N	F8.2	Mean of last 5 years of fiscal quarterly pretax profit margin
Item 105	<b>CASH FLOW</b>	Y	3	N	F8.2	Operating cash flow (before non-recurring, extraordinary items and discontinued operations). Calc: Income BNRI + Depreciation.
Item 106	<b>CASH/SHARE</b>	Y	2	D	F8.2	Cash flow per common share. Calc: CASH FLOW/SHARES OUT
Item 107	<b>PRICE/CASH</b>	W	1	N	F8.2	Price to cash flow per share, as of most recently completed week. Calc: CURR PRICE/(CASH/SHARE)
Item 108	<b>1M HPR</b>	M	13	N	F8.2	One month return due to price appreciation and dividends. Returns are forward looking; the value shown represents the return for the month following the value's date. Period 1, by definition will always be N/A.
Item 109	<b>S&amp;P 500</b>	X	4	N	I4	<b>Period 1:</b> S&P 500 membership and Industry Code (nnnn=member and industry code, 0=nonmember of S&P 500) <b>Period 2:</b> S&P Midcap Index membership and Industry Code (nnnn=member and industry code, 0=nonmember of S&P 500) <b>Period 3:</b> S&P 100 Index membership (1=member) <b>Period 4:</b> S&P 600 Small Cap membership and Industry Code (nnnn=member and industry code, 0=nonmember of S&P 500)
Item 110	<b>INDUSTRY</b>	X	1	N	I2	Zacks Old Industry Code (1-99)
Item 111	<b>MARKET INFO</b>	X	2	N	I2	Market Information; Period 1: Optionable Code(1 = optionable, 0 = nonoptionable) Period 2: Exchange Code
Item 112	<b>EST EPS F0</b>	Y	1	D	F8.2	Consensus EPS estimate for most recently completed fiscal year, as of the date actual earnings were reported
Item 113	<b>SDV EPS F0</b>	Y	1	D	F8.2	Standard deviation of mean estimate for the most recently completed fiscal year (F0)
Item 114	<b>#AN EPS F0</b>	Y	1	N	I2	Number of F0 estimates
Item 115	<b>SECTOR</b>	X	1	N	I2	Zacks Old Economic Sector code
Item 116	<b>CUSIP</b>	X	1	N	A9	9-element alphanumeric identifier assigned by the Committee on Uniform Security Identification Procedures, as a means of identifying each issuer and issue of securities
Item 117	<b>X INDUSTRY</b>	X	1	N	I3	Zacks Expanded Industry Classifications - 200+ codes (See Page 4 for a list of the Industry groups)



## DBCM Database Items: Zacks Current Database *continued*

Item #	Name	Freq	#Per	Split	FMT	Explanation
Item 118	<b>ISSUE INFO</b>	X	5	N	A6	Issue Information: <b>Period 1</b> - 4 character Exchange code <b>Period 2</b> - Exchange ticker <b>Period 3</b> - Zacks master symbol <b>Period 4</b> - One of three values <b>COM</b> - Common stocks <b>ADR</b> - ADRs <b>CDN</b> - Canadian stocks <b>Period 5</b> - Currency Codes.
Item 119	<b>HOLDR INFO</b>	X	2	N	F8.2	Owner Information (May sum to greater than 100% because of overlap) <b>Period 1</b> - Institutional ownership(%) <b>Period 2</b> - Insider ownership(%)
Item 120	<b>1W PR CHG%</b>	W	1	D	F8.2	1-week price percentage change
Item 121	<b>R1W P CHG%</b>	W	1	D	F8.2	1-week price percentage changes relative to the S&P 500
Item 122	<b>52W P CHG&amp;</b>	W	1	D	F8.2	52 Week price percentage change
Item 123	<b>R52W PCHG%</b>	W	1	D	F8.2	52 Week price percentage change relative to the S&P 500
Item 124	<b>5YR AVEP/E</b>	W	1	N	F8.2	Five year average Price to Earnings Ratio
Item 125	<b>MED EPS Q1</b>	W	1	D	F8.2	Median EPS estimate for current fiscal quarter (Q1)
Item 126	<b>MED EPS Q2</b>	W	1	D	F8.2	Median EPS estimate for next fiscal quarter (Q2)
Item 127	<b>MED EPS F1</b>	W	1	D	F8.2	Median EPS estimate for current fiscal year (F1)
Item 128	<b>MED EPS F2</b>	W	1	D	F8.2	Median EPS estimate for next fiscal year (F2)
Item 129	<b>MED EPS GR</b>	W	1	N	F8.2	Median EPS Long term growth (3-5 years) estimate
Item 130	<b>EST EPS Q3</b>	W	1	D	F8.2	Mean estimate for future quarterly EPS-Q3 (two quarters from current fiscal quarter)
Item 131	<b>#AN EPS Q3</b>	W	1	N	I2	Number of estimates for Q3
Item 132	<b>EST EPS Q4</b>	W	1	D	F8.2	Mean estimate for future quarterly EPS-Q4 (three quarters from the current fiscal quarter)
Item 133	<b>#AN EPS Q4</b>	W	1	N	I2	Number of estimates for Q4
Item 134	<b>EST EPS F3</b>	W	1	D	F8.2	Mean estimate for future Fiscal EPS-F3 (2 years from current fiscal year)
Item 135	<b>#AN EPS F3</b>	W	1	N	I2	Number of estimates fiscal year for F3
Item 136	<b>AVG RATING</b>	W	5	N	F8.2	An average of analyst ratings for the company (Strong Buy = 1; Buy = 2; Hold = 3; Sell = 4; Strong Sell = 5)
Item 137	<b>#AN RATING</b>	W	5	N	I3	Number of analyst ratings for a company
Item 138	<b># 1 RATING</b>	W	5	N	I3	Number of analysts giving the rating 1-Strong Buy
Item 139	<b># 2 RATING</b>	W	5	N	I3	Number of analysts giving the rating 2-Buy
Item 140	<b># 3 RATING</b>	W	5	N	I3	Number of analysts giving the rating 3-Hold or neutral
Item 141	<b># 4 RATING</b>	W	5	N	I3	Number of analysts giving the rating 4-Sell
Item 142	<b># 5 RATING</b>	W	5	N	I3	Number of analysts giving the rating 5-Strong Sell
Item 143	<b>#NO RATING</b>	W	5	N	I3	Number of analysts with no rating but following stock in firms that classify stocks into Buys or Followed. Treated as 3 in computing Average Rating
Item 144	<b>#UP 1W RTG</b>	W	4	N	I3	Number of upward rating revisions in the last week
Item 145	<b>#DN 1W RTG</b>	W	4	N	I3	Number of downward rating revisions in the last week
Item 146	<b>#UP 4W RTG</b>	W	1	N	F8.2	Number of upward rating revisions in the last 4 weeks
Item 147	<b>#DN 4W RTG</b>	W	1	N	F8.2	Number of downward rating revisions in the last 4 weeks
Item 148	<b>LAST M DIV</b>	M	3	D	F5.2	Dividend per share in the month it went ex dividend otherwise 0, Non-cash distributions valued & are included on exdate
Item 149	<b>LST EXDATE</b>	M	3	N	A6	Dividend exdate, if occurring last month, else N/A (yyyymmdd)
Item 150	<b>SALES Q</b>	F	9	N	F8.2	Sales Quarterly
Item 151	<b>INC BNRI Q</b>	F	9	N	F8.2	Fiscal Quarterly Income before Non-recurring items

## DBCM Database Items: Zacks Current Database *continued*

Item #	Name	Freq	#Per	Split	FMT	Explanation
Item 152	<b>NET INC Q</b>	F	9	N	F8.2	Fiscal Quarterly Net Income
Item 153	<b>NET EPS Q</b>	F	9	D	F8.2	Net EPS quarterly (Basic after November, 1997)
Item 154	<b>EPS REPDTE</b>	F	9	N	A6	EPS Report date (yyyymmdd)
Item 155	<b>SALES 12</b>	F	5	N	F8.2	Sales during the last 12 months
Item 156	<b>INC BNRI12</b>	F	5	N	F8.2	Twelve month Income before non-recurring items
Item 157	<b>NET INC 12</b>	F	5	N	F8.2	Net Income last 12 months
Item 158	<b>CSH&amp;MKTS Q</b>	F	3	N	F8.2	Cash and marketable securities
Item 159	<b>RECEIVBL Q</b>	F	3	N	F8.2	Receivables stated quarterly
Item 160	<b>INVENTORY Q</b>	F	3	N	F8.2	Inventory Quarterly
Item 161	<b>C ASSETS Q</b>	F	3	N	F8.2	Current Assets Quarterly
Item 162	<b>T ASSETS Q</b>	F	3	N	F8.2	Total Assets Quarterly
Item 163	<b>C LIABS Q</b>	F	3	N	F8.2	Current liabilities Quarterly
Item 164	<b>TOT LTD Q</b>	F	3	N	F8.2	Total Long-term debt quarterly; Debt due more than one year from balance sheet date; long-term debt, convertible debt, non-current capital leases and mortgages
Item 165	<b>T LIABS Q</b>	F	3	N	F8.2	Total liabilities quarterly
Item 166	<b>MIN INT Q</b>	F	3	N	F8.2	Minority interest quarterly
Item 167	<b>PRF STCK Q</b>	F	3	N	F8.2	Book Value of preferred stock
Item 168	<b>COM EQTY Q</b>	F	3	N	F8.2	Book value of common equity
Item 169	<b>BVPS Q</b>	F	3	D	F8.2	Book value per share - quarterly. Calc: Quarterly reported common equity / Quarterly reported shares out.
Item 170	<b>5YR AVECF5</b>	Y	2	N	F8.2	5 year average cash flow per share
Item 171	<b>ROI</b>	F	3	N	F8.2	Return on Invested capital. Calc: (Income before extras & discontinued operations)/ (Long-term debt, convertible debt + non-current capital leases + mortgages + book value preferred stock + common equity)
Item 172	<b>5YR AVEROI</b>	F	3	N	F8.2	5 year-average Return on Invested capital
Item 173	<b>NET MARGIN</b>	F	3	N	F8.2	(Net income for the previous 12 month period/Sales for the previous 12 month period) X 100
Item 174	<b>5YR AVENTM</b>	F	3	N	F8.2	Five year average net margin
Item 175	<b>BNRI MARGIN</b>	F	3	N	F8.2	(Income before extraordinary items and discontinued operations for the previous 12 month period/Sales for the previous 12 month period) X 100
Item 176	<b>5YR BNRI MG</b>	F	3	N	F8.2	Five year average BNRI margin
Item 177	<b>REC TRNOVR</b>	F	3	N	F8.2	Receivables turnover: (12 mo.Sales/4 qtr avg.Receivables)
Item 178	<b>5YR AVERTO</b>	F	3	N	F8.2	Five year average receivables turnover
Item 179	<b>INV TRNOVR</b>	F	3	N	F8.2	Inventory Turnover: (12 mo.COGS/4 qtr avg. Inventory)
Item 180	<b>5YR AVEITO</b>	F	3	N	F8.2	Five year average inventory turnover
Item 181	<b>ASSET UTIL</b>	F	3	N	F8.2	Asset Utilization: (Sales 12 mo. /4 qtr avg. Total Assets)
Item 182	<b>5YR AVEAUT</b>	F	3	N	F8.2	Five year average asset utilization
Item 183	<b>CURR RATIO</b>	F	3	N	F8.2	Current Ratio: Current Assets/Current liabilities
Item 184	<b>5YR AVECUR</b>	F	3	N	F8.2	Five year average current ratio
Item 185	<b>DEBT/T CAP</b>	F	3	N	F8.2	Debt/Total Capital. Debt (incl. mortgage and long-term leases) as a fraction of total capitalization
Item 186	<b>5YR AVED/C</b>	F	3	N	F8.2	Five year average debt to total capitalization ratio
Item 187	<b>% CH 4WK Q0</b>	W	1	N	F8.2	Percentage change in Q0 estimate for last 4 weeks. Calc: [(Curr Q0 Est - Q0 Est [4 weeks ago]) / Absolute value (Q0 Est [4 weeks ago])] x 100
Item 188	<b>LAST#ANQ0</b>	F	9	N	I3	Number of EPS estimates for the previous quarter
Item 189	<b>EXP REPT DT</b>	W	1	N	A6	Expected earnings report date (yyyymmdd)
Item 190	<b>RESERVED</b>	W	1	N	I2	
Item 191	<b>X SECTOR</b>	X	1	N	I2	Zacks Expanded Sector assignments. (See Page 3 for a list of the Sector groups)

## DBCM Database Items: Zacks Current Database *continued*

Item #	Name	Freq	#Per	Split	FMT	Explanation
Item 192	ZACKS RANK	W	5	N	I1	Zacks Rank is based on the Zacks Indicator. 1 = Strong Buy; 2 = Buy; 3 = Hold; 4 = Sell; 5 = Strong Sell; N/A = Not available
Item 193	% CH 4 WK Q2	W	1	N	F8.2	Percent change in mean Q(2) EPS estimate for the next quarter in the last 4 weeks.
Item 194	% CH 4 WK LT	W	1	N	F8.2	Percent change in mean long-term EPS growth estimate over the last 4 weeks.
Item 195	SHORT INT	M	2	M	F8.2	Short Interest is the number of shares sold short which have not been covered as of the middle of the month.
Item 196	SI RATIO	M	2	N	F8.2	Short Ratio is the number of days trading to cover the short interest. Short Ratio = Short Interest / Average Daily Volume
Item 197	HI EST Q1	W	1	D	F8.2	Highest Q(1) EPS estimate for the current fiscal quarter as of the last completed week.
Item 198	LOW EST Q1	W	1	D	F8.2	Lowest Q(1) EPS estimate for the current fiscal quarter as of the last completed week.
Item 199	HI EPS Q2	W	1	D	F8.2	Highest Q(2) EPS estimate for the next fiscal quarter as of the most recently completed week.
Item 200	LOW EPS Q2	W	1	D	F8.2	Lowest Q(2) EPS estimate for the next fiscal quarter as of the most recently completed week.
Item 201	NET EPSQD	F	9	D	F8.2	Net Diluted EPS
Item 202	SRP EPS Q	F	9	D	F8.2	Quarterly diluted Actual EPS used in Surprise
Item 203	M INDUSTRY	X	1	N	I2	60 Industry groups representing an aggregation of over 200 industry categories under which Zacks records data
Item 204	INSIDE 12W	X	4	N	F8.2	Insider Trading statistics for 12 weeks <b>Period 1</b> - Net change in holdings of all active insiders <b>Period 2</b> - # of Buyers <b>Period 3</b> - # of Sellers <b>Period 4</b> - Multiple of Historical Norm
Item 205	INSIDE 24W	X	4	N	F8.2	Insider Trading statistics for 24 weeks <b>Period 1</b> - Net change in holdings of all active insiders <b>Period 2</b> - # of Buyers <b>Period 3</b> - # of Sellers <b>Period 4</b> - Multiple of Historical Norm
Item 206	EBIT	X	3	N	F8.2	Earnings Before Interest & Taxes (EBIT) (in \$millions). Calculation: Income Before Taxes + Interest Expense.
Item 207	EBITDA	X	3	N	F8.2	Earnings Before Interest; Taxes; Depreciation & Amortization (EBITDA) (in \$millions). Calculation: Income Before Taxes + Interest Expense + Depreciation & Amortization (taken from the statement of cash flows).
Item 208	S&P G SECT	X	1	N	I2	S&P Economic Sector code for the companies in the S&P SuperComposite 1500. 0 = non-member.
Item 209	S&P GICS	X	1	N	A9	S&P Global Industry Classification Standard Code for the companies in the S&P SuperComposite 1500.
Item 210	RESERVED					
Item 211	RESERVED					
Item 212	INT CVRG	F	3	N	F8.2	Interest Coverage Ratio (quarterly): (Pre-Tax Income + Interest Expense)/ Interest Expense.
Item 213	RESERVED					
Item 214	EST SLS Q0	F	9	N	F9.3	Consensus estimate of Sales for the last completed fiscal quarter.
Item 215	SDV SLS Q0	F	9	N	F9.3	Standard deviation of the estimates included in Q(0) consensus Sales estimate.
Item 216	#AN SLS Q0	F	9	N	I3	Number of analysts in the Sales consensus for the last

Item 217	<b>SURP SLS Q</b>	F	9	N	F9.3	completed fiscal quarter. Quarterly Actual Sales used in Surprise calculation.
Item 218	<b>Q SLS SRP%</b>	F	9	N	F9.3	Sales surprises for the last nine quarters: [(Surp Sls Q - Est Sls Q0)/Absolute value of Est Sls Q0] x 100.
Item 219	<b>EST SLS F0</b>	Y	1	N	F9.3	Consensus Sales estimate for the most recently completed fiscal year.
Item 220	<b>SDV SLS F0</b>	Y	1	N	F9.3	Standard deviation of the estimates included in F(0) consensus Sales estimate.
Item 221	<b>#AN SLS F0</b>	Y	1	N	I3	Number of analysts in the Sales consensus for the last completed fiscal year.
Item 222	<b>EST SLS Q1</b>	W	1	N	F9.3	Consensus estimate of Sales for the current fiscal quarter.
Item 223	<b>SDV SLS Q1</b>	W	1	N	F9.3	Standard deviation of the estimates included in Q(1) consensus Sales estimate.
Item 224	<b>#AN SLS Q1</b>	W	1	N	I3	Number of analysts in the Sales consensus for the current quarter.
Item 225	<b>RESERVE225</b>	W	1	N	F9.3	Reserved
Item 226	<b>EST SLS F1</b>	W	1	N	F9.3	Consensus estimate of Sales for the current fiscal year.
Item 227	<b>SDV SLS F1</b>	W	1	N	F9.3	Standard deviation of the estimates included in F(1) consensus Sales estimate.
Item 228	<b>#AN SLS F1</b>	W	1	N	I3	Number of analysts in Sales consensus for the current fiscal year.
Item 229	<b>RESERVE229</b>	W	1	N	F9.3	Reserved
Item 230	<b>EST SLS Q2</b>	W	1	N	F9.3	Consensus estimate of Sales for the next fiscal quarter.
Item 231	<b>SDV SLS Q2</b>	W	1	N	F9.3	Standard deviation of the estimates included in Q(2) consensus Sales estimate.
Item 232	<b>#AN SLS Q2</b>	W	1	N	I3	Number of analysts in the Sales consensus for the next quarter.
Item 233	<b>RESERVE233</b>	W	1	N	F9.3	Reserved
Item 234	<b>EST SLS F2</b>	W	1	N	F9.3	Consensus estimate of Sales the for next fiscal year.
Item 235	<b>SDV SLS F2</b>	W	1	N	F9.3	Standard deviation of the estimates included in F(2) consensus Sales estimate.
Item 236	<b>#AN SLS F2</b>	W	1	N	I3	Number of analysts in Sales consensus for the next fiscal year.
Item 237	<b>RESERVE237</b>	W	1	N	F9.3	Reserved
Item 238	<b>EST EPS Q3</b>	W	1	N	F9.3	Consensus estimate for future quarterly Sales Q(3) (two quarters from current fiscal quarter).
Item 239	<b>#AN SLS Q3</b>	W	1	N	I3	Number of analysts in the Sales consensus for the quarter after the next quarter.
Item 240	<b>EST SLS Q4</b>	W	1	N	F9.3	Consensus estimate for future quarterly Sales Q(4) (three quarters from the current fiscal quarter).
Item 241	<b>#AN SLS Q4</b>	W	1	N	I3	Number of analysts in the Q(4) Sales consensus.
Item 242	<b>EST TRGT PR</b>	W	1	D	F8.2	Mean estimate for short-term Target Price.
Item 243	<b>SDV TRGT PR</b>	W	1	D	F8.2	Standard deviation of short-term Target Price estimates.
Item 244	<b>#AN TRGT PR</b>	W	1	N	I3	Number of analysts in short-term Target Price consensus.
Item 245	<b>RESERVE245</b>	W	1	N	F8.2	Reserved
Item 246	<b>HI TRGT PR</b>	W	1	D	F8.2	Highest short-term Target Price.
Item 247	<b>LO TRGT PR</b>	W	1	D	F8.2	Lowest short-term Target Price.
Item 248	<b>SIC CODE</b>	X	1	N	I4	Standard Industrial Classification code.
Item 249	<b>EMPLOYESS</b>	X	1	N	F10.1	Number of Employees (from form 10K).
Item 250	<b>LAST Q DIV</b>	F	1	D	F5.2	Last quarter cash dividend per share (Common).
Item 251	<b>ACT YR DIV</b>	Y	2	D	F5.2	Annual cash dividend per share (Common).
Item 252	<b>RESERVE252</b>	X	1	N	I1	Reserved
Item 253	<b>RESERVE253</b>	X	1	N	I1	Reserved
Item 254	<b>RESERVE254</b>	X	1	N	I1	Reserved
Item 255	<b>RESERVE255</b>	X	1	N	I1	Reserved
Item 256	<b>RESERVE256</b>	X	1	N	I1	Reserved

## Additional DBCM Items (Virtual Items)

**Please note: The following items are available only to users of Screen, Research Wizard, and Zacks Link.** All items, EXCLUDING ITEMS 503 - 506 (\*) have 1 period and are stored in an F8.2 format. These items are not affected by splits, since they are created from split adjusted data each time they are used.

Item #	Virtual Item Name	Explanation
501	% Held by Insiders	Percent of outstanding shares held by insiders. This information is taken from the proxy statement.
502	% Held by Institutions	Percent of outstanding shares held by institutions. This information is provided by Vickers
503*	Exchange Ticker	Exchange Ticker
504*	COM/ADR/Canadian	COM = Common Stock; ADR = American Depository Receipt; CDN = Canadian
505*	Currency	Country of origin currency code. All data in DBCM is reported in USD\$
506*	Exchange Traded	Identifies the exchange where stock is traded
507	Current Price/52 Week High	Ratio of Current Price to 52 week high price (1.0 is at the high)
508	Current Price/52 Week Low	Ratio of Current Price to 52 week low price (1.0 is at the low)
509	P/E (Current/5 year High)	Ratio of current P/E using 12 month EPS to its High value over last 5 years. P/E is calculated at each month end (1.0 is at the high)
510	P/E (Current/5 year Low)	Ratio of current P/E using 12 month EPS to its Low value over last 5 years. P/E is calculated at each month end (1.0 is at the low)
511	P/E (Current/5 year Average)	Ratio of current P/E using 12 month EPS to the average of its High and Low values over last 5 years. P/E is calculated at each month end (1.0 is at the average)
512	Volume - 20 days/Shares Out	Volume traded during last 20 days as a percent of shares outstanding
513	Payout Ratio Change	Most recent 12 month payout ratio minus the 5 year average of payout ratios
514	% Change EPS F(-2)/F(-3)	Annual EPS growth in % calculated as: $[(F(-2) - F(-3))/ABS F(-3)] \times 100$ ; where F(-2) and F(-3) are EPS for fiscal year 2 and 3 years before the last reported fiscal year
515	% Change EPS F(-1)/F(-2)	Annual EPS growth in % calculated as: $[(F(-1) - F(-2))/ABS F(-2)] \times 100$ ; where F(-1) and F(-2) are EPS for fiscal year 1 and 2 years before the last reported fiscal year
516	% Change EPS F(0)/F(-1)	Annual EPS growth in % calculated as: $[(F(0) - F(-1))/ABS F(-1)] \times 100$ ; where F(0) and F(-1) are EPS for the last reported fiscal year and 1 year before the last reported fiscal year
517	12 Mo. EPS Current-1Q/Last-1Q (%)	12 Mo EPS growth in % calculated as: $[(12mo EPS(-1) - 12mo EPS(-5))/ABS 12 mo EPS(-5)] \times 100$ ; where 12mo EPS (-1) is 12 mo EPS for the last fiscal quarter and 12mp EPS(-5) is the 12 mo EPS five quarters ago
518	12 Mo. EPS Current/Last (%)	12 Mo EPS growth in % calculated as: $[(12mo EPS - 12mo EPS(-4))/ABS 12 mo EPS(-4)] \times 100$ ; where 12mo EPS is the most recently reported 12 mo EPS and 12 mo EPS (-4) is the 12 mo EPS four quarters ago
519	% Change Act. EPS Q(0)/Q(-1)	Quarterly EPS growth in % calculated as: $[(EPS Q(0) - EPS Q (-1))/ABS EPS Q(-1)] \times 100$ ; where Q(0) is EPS for the last reported quarter and Q(-1) is EPS for 1 quarter before the last reported quarter
520	% Change Act. EPS Q(-1)/Q(-2)	Quarterly EPS growth in % calculated as: $[(EPS Q(-1) - EPS Q (-2))/ABS EPS Q(-2)] \times 100$ ; where Q(-1) and Q(-2) are EPS for the 1 quarter and 2 quarters before the last reported quarter
521	% Change Act. EPS Q(-2)/Q(-3)	Quarterly EPS growth in % calculated as: $[(EPS Q(-2) - EPS Q (-3))/ABS EPS Q(-3)] \times 100$ ; where Q(-2) and Q(-3) are EPS for 2 quarters and 3 quarters before the last reported quarter

## Additional DBCM Items *continued*

Item #	Virtual Item Name	Explanation
522	% Change Act. EPS Q(-3)/Q(-4)	Quarterly EPS growth in % calculated as: $[(\text{EPS Q}(-3) - \text{EPS Q}(-4))/\text{ABS EPS Q}(-4)] \times 100$ ; where Q(-3) and Q(-4) are EPS for 3 quarters and 4 quarters before the last reported quarter
523	% Change Act. EPS Q(-4)/Q(-5)	Quarterly EPS growth in % calculated as: $[(\text{EPS Q}(-4) - \text{EPS Q}(-5))/\text{ABS EPS Q}(-5)] \times 100$ ; where Q(-4) and Q(-5) are EPS for 4 quarters and 5 quarters before the last reported quarter
524	% Change Act. EPS Q(-5)/Q(-6)	Quarterly EPS growth in % calculated as: $[(\text{EPS Q}(-5) - \text{EPS Q}(-6))/\text{ABS EPS Q}(-6)] \times 100$ ; where Q(-5) and Q(-6) are EPS for quarters 5 and 6 before the last reported quarter
525	% Change Act. EPS Q(0)/Q(-4)	Quarterly EPS growth in % calculated as: $[(\text{EPS Q}(0) - \text{EPS Q}(-4))/\text{ABS EPS Q}(-4)] \times 100$ ; where Q(0) and Q(-4) are EPS for the last reported quarter and 4 quarters before the last reported quarter
526	% Change Act. EPS Q(-1)/Q(-5)	Quarterly EPS growth in % calculated as: $[(\text{EPS Q}(-1) - \text{EPS Q}(-5))/\text{ABS EPS Q}(-5)] \times 100$ ; where Q(-1) and Q(-5) are EPS for 1 quarters and 5 quarters before the last reported quarter
527	% Change Act. EPS Q(-2)/Q(-6)	Quarterly EPS growth in % calculated as: $[(\text{EPS Q}(-2) - \text{EPS Q}(-6))/\text{ABS EPS Q}(-6)] \times 100$ ; where Q(-2) and Q(-6) are EPS for 2 quarters and 6 quarters before the last reported quarter
528	% Change Act. EPS Q(-3)/Q(-7)	Quarterly EPS growth in % calculated as: $[(\text{EPS Q}(-3) - \text{EPS Q}(-7))/\text{ABS EPS Q}(-7)] \times 100$ ; where Q(-3) and Q(-7) are EPS for 3 quarters and 7 quarters before the last reported quarter
529	Est. One Year EPS Growth F(1)/F(0)	Estimated EPS growth for one year using consensus estimate of current fiscal and EPS of last completed fiscal year (actual if reported - consensus if not). EPS is before NRI. Calc as: $[(\text{EST EPS F}(1) - \text{EPS F}(0))/\text{ABS EPS F}(0)] \times 100$
530	Q(4) Fiscal Quarter End Date (yyyymm)	End of Fiscal Quarter. This is the fiscal quarter denoted as Q(4) - two quarters after the next fiscal quarter
531	Est. Two Year EPS Growth F(2)/F(0)	Estimated EPS growth for two years using consensus estimate of next fiscal and EPS of last completed fiscal year (actual if reported - consensus if not). EPS is before NRI. Cal as: $[(\text{EST EPS F}(2) - \text{EPS F}(0))/\text{ABS EPS F}(0)] \times 100$
532	Price/Sales	Price to Sales (per share). Calc as: Current Price/Sales per Share. (Sales is last reported fiscal year sales)
533	Est.12 mo. EPS Gr.Q(1)/Year ago	Future 12 mo EPS growth for 12 mo period ending Q(1) in % = $(A-B/\text{ABS } B) \times 100$ ; where A is consensus estimate of 12 mo EPS for Q(1) and B is reported comparable EPS for previous year. EPS is before NRI
534	Est.12 mo. EPS Gr.Q(2)/Year ago	Future 12 mo EPS growth for 12 mo period ending Q(2) in % = $(A-B/\text{ABS } B) \times 100$ ; where A is consensus estimate of 12 mo EPS for Q(2) and B is reported comparable EPS for previous year. EPS is before NRI
535	Est.12 mo. EPS Gr.Q(3)/Year ago	Future 12 mo EPS growth for 12 mo period ending Q(3) in % = $(A-B/\text{ABS } B) \times 100$ ; where A is consensus estimate of 12 mo EPS for Q(3) and B is reported comparable EPS for previous year. EPS is before NRI
536	Est.12 mo. EPS Gr.Q(4)/Year ago	Future 12 mo EPS growth for 12 mo period ending Q(4) in % = $(A-B/\text{ABS } B) \times 100$ ; where A is consensus estimate of 12 mo EPS for Q(4) and B is reported comparable EPS for previous year. EPS is before NRI
537	Est. EPS Gr. Q(1)/Q(-3)	Future Yr/Yr Quarterly EPS growth in % = $(A-B/\text{ABS } B) \times 100$ ; where A is the consensus estimate of quarterly EPS for Q(1) and B is reported EPS for the comparable quarter for the previous year. EPS is before NRI
538	Est. EPS Gr. Q(2)/Q(-2)	Future Year/Year Quarterly EPS growth in % = $(A-B/\text{ABS } B) \times 100$ ; where A is consensus estimate of quarterly EPS for Q(2) and B is reported EPS for the comparable quarter for the previous year. EPS is before NRI
539	Est. EPS Gr. Q(3)/Q(-1)	Future Year/Year Quarterly EPS growth in % = $(A-B/\text{ABS } B) \times 100$ ; where A is consensus estimate of quarterly EPS for Q(3) and B is reported EPS for the comparable quarter for the previous year. EPS is before NRI

## Additional DBCM Items *continued*

Item #	Virtual Item Name	Explanation
540	Est. EPS Gr. Q(4)/Q(0)	Future Year/Year Quarterly EPS growth in % = $(A-B/ABS B) \times 100$ ; where A is consensus estimate of quarterly EPS for Q(4) and B is reported EPS for the comparable quarter for the previous year. EPS is before NRI
541	F(1) Year End Date (yyyymm)	End date of current fiscal year. This is the fiscal year denoted as F(1) that has not ended as of last Friday
542	F(2) Year End Date (yyyymm)	End date of next fiscal year. This fiscal year is denoted as F(2)
543	F(3) Year End Date (yyyymm)	End date of fiscal year after the next fiscal year. This fiscal year is denoted as F(3)
544	Q(1) Fiscal Quarter End Date (yyyymm)	End of current fiscal quarter. This is the fiscal quarter denoted as Q(1) that has not ended as of last Friday
545	Q(2) Fiscal Quarter End Date (yyyymm)	End of next fiscal quarter. This is the fiscal quarter denoted as Q(2)
546	Q(3) Fiscal Quarter End Date (yyyymm)	End of fiscal quarter after the next fiscal quarter. This fiscal quarter is denoted as Q(3)
547	Est. EPS Gr. Q(1)/Q(0)	Future Quarter to Quarter EPS growth in % = $(A-B/ABS B) \times 100$ ; where A is consensus estimate of quarterly EPS for Q(1) and B is EPS for previous quarter (actual if reported - consensus if not). EPS is before NRI
548	Est. EPS Gr. Q(2)/Q(1)	Future Quarter to Quarter EPS growth in % = $(A-B/ABS B) \times 100$ ; where A is the consensus estimate of quarterly EPS for Q(2) and B is the consensus estimate for Q(1). EPS is before NRI
549	Est. EPS Gr. Q(3)/Q(2)	Future Quarter to Quarter EPS growth in % = $(A-B/ABS B) \times 100$ ; where A is the consensus estimate of quarterly EPS for Q(3) and B is the consensus estimate for Q(2). EPS is before NRI
550	Est. EPS Gr. Q(4)/Q(3)	Future Quarter to Quarter EPS growth in % = $(A-B/ABS B) \times 100$ ; where A is the consensus estimate of quarterly EPS for Q(4) and B is the consensus estimate for Q(3). EPS is before NRI
551	PEG Ratio: P/E F(1)/EPS Growth	PEG Ratio: P/E to expected EPS growth using next fiscal year estimates and projected earnings growth. A PEG of 1.0 means that a stock is trading in line with its projected growth rate
552	Quick Ratio - Most Recent	Quick Ratio - Most Recent Reported: $((\text{Current Assets}-\text{Inventory})/\text{Current Liabilities})$
553	Cash Ratio - Most Recent	Cash Ratio - Most Recent Reported: $((\text{Current Assets}-\text{Inventory}-\text{Receivables})/\text{Current Liabilities})$
554	Debt/Equity - Most Recent	Debt/Equity - Most Recent: $(\text{Long term debt}/\text{Common equity})$
555	% Rating Upgrades - 1 Week	Percent of brokers following the stock that upgraded their recommendations during the last week
556	% Rating Downgrades - 1 Week	Percent of brokers following the stock that downgraded their recommendations during the last week
557	% Rating Upgrades - 4 Weeks	Percent of brokers following the stock that upgraded their recommendations during the last 4 weeks
558	% Rating Downgrades - 4 Weeks	Percent of brokers following the stock that downgraded their recommendations during the last 4 weeks
559	# Up/# Estimates F(1) - 4 Weeks	Percent of F(1) Current Fiscal Year Estimates for the company that were raised during the last 4 weeks
560	# Up/# Down F(1) - 4 Weeks	Number of F(1) upward revisions over the number of downward revisions for Current Fiscal Year Estimates for the company in the last 4 weeks.
561	# Up/# Estimates F(2) - 4 Weeks	Percent of F(2) Next Fiscal Year Estimates for the company that were raised during the last 4 weeks
562	# Up/# Down F(2) - 4 Weeks	Number of F(2) upward revisions over the number of downward revisions for Next Fiscal Year Estimates for the company in the last 4 weeks
563	(# Up-# Down)/# Est F(1) - 4 Weeks	Net revisions of current fiscal year estimates: $((\text{Number upgrades during last 4 weeks}-\text{Number downgrades during last 4 weeks})/\text{Number Analysts making estimates for the company})$
564	(# Up-# Down)/# Est F(2) - 4 Weeks	Net Revisions of Next Fiscal Year Estimates: $(\text{Number upgrades during last 4 weeks}-\text{Number downgrades during last 4 weeks})/\text{Number Analysts making estimates for the company}$

## Additional DBCM Items *continued*

Item #	Virtual Item Name	Explanation
565	Last EPS Surprise	Last EPS surprise: $[(\text{Act EPS Q} - \text{Last EST Q0}) / \text{Absolute value of Last Est Q0}] \times 100$
566	Previous EPS Surprise	EPS surprise for the previous quarter
567	Change in EPS Surprise (last-prev)	Change in EPS Surprise (last-previous) over the past 2 quarters
568	Avg EPS Surprise - Last 2 Quarters	Average EPS surprise over the past 2 quarters
569	Avg EPS Surprise - Last 4 Quarters	Average EPS surprise over the past 4 quarters
570	Last SUE	Last SUE. Standardized Unexpected Earnings is a measure of the deviation of 12-month EPS from the trend EPS growth line: $(\text{Act EPS 12-Fore 12 EPS}) / \text{Standard Error of Fore 12 EPS}$
571	Previous SUE	Previous SUE. Standardized Unexpected Earnings is a measure of the deviation of 12-month EPS from the trend EPS growth line: $(\text{Act EPS 12-Fore 12 EPS}) / \text{Standard Error of Fore 12 EPS}$
572	Change in SUE (Last-Previous)	Change in SUE - Standardized Unexpected Earnings measures deviation of 12-month EPS from trend EPS growth: $(\text{Act EPS 12} - \text{Forecast 12 EPS}) / \text{Std Error of Forecast 12 EPS}$
573	Average SUE - Last 2 Quarters	Average Standardized Unexpected Earnings - last 2 qtrs measures deviation of 12-month EPS from trend EPS growth: $(\text{Act EPS 12-Forecast 12 EPS}) / \text{Standard Error of Forecast 12 EPS}$
574	Sales Growth F(0)/F(-1)	Annual Sales growth in % is calculated as: $[(F(0)-F(-1)) / \text{ABS}(F(-1))] \times 100$ ; where F(0) and F(-1) are sales for the last reported fiscal year and 1 year before the last reported fiscal year
575	12 Mo. Sales Current/Current-1Q (%)	12 Month Sales growth in % is calculated as: $[(12 \text{ mo Sales Q} - 12 \text{ mo Sales Q}(-1)) / \text{ABS}(12 \text{ mo Sales Q}(-1))] \times 100$ ; where 12 mo Sales Q is 12 month Sales for the recent quarter and 12 mo Sales Q (-1) is 12 mo Sales for a quarter before recent quarter
576	12 Mo. Sales Current/Last (%)	12 Month Sales growth in % is calculated as: $[(12 \text{ mo Sales Q} - 12 \text{ mo Sales Q}(-4)) / \text{ABS}(12 \text{ mo Sales Q}(-4))] \times 100$ ; where 12 mo Sales Q is 12 month sales for the recent quarter and 12 mo Sales Q(-4) is 12 mo Sales for quarter four quarters prior to recent
577	% Change Sales Q(0)/Q(-4)	Quarterly Sales growth in % is calculated as: $[(Q(0)-Q(-4)) / \text{ABS}(Q(-4))] \times 100$ ; where Q(0) and Q(-4) are sales for the last reported quarter and 4 quarters before the last reported quarter
578	% Change Sales Q(0)/Q(-1)	Quarterly Sales growth in % is calculated as: $[(Q(0)-Q(-1)) / \text{ABS}(Q(-1))] \times 100$ ; where Q(0) and Q(-1) are sales for the last reported quarter and 1 quarter before the last reported quarter
579	% Change Sales Q(-1)/Q(-2)	Quarterly Sales growth in % is calculated as: $[(Q(-1)-Q(-2)) / \text{ABS}(Q(-2))] \times 100$ ; where Q(-1) and Q(-2) are sales for 1 quarters and 2 quarters before the last reported quarter
580	% Change Sales Q(-2)/Q(-3)	Quarterly Sales growth in % is calculated as: $[(Q(-2)-Q(-3)) / \text{ABS}(Q(-3))] \times 100$ ; where Q(-2) and Q(-3) are sales for 2 quarters and 3 quarters before the last reported quarter
581	% Change Sales Q(-3)/Q(-4)	Quarterly Sales growth in % is calculated as: $[(Q(-3)-Q(-4)) / \text{ABS}(Q(-4))] \times 100$ ; where Q(-3) and Q(-4) are sales for 3 quarters and 4 quarters before the last reported quarter
582	% Change Sales Q(-4)/Q(-5)	Quarterly Sales growth in % is calculated as: $[(Q(-4)-Q(-5)) / \text{ABS}(Q(-5))] \times 100$ ; where Q(-4) and Q(-5) are sales for 4 quarters and 5 quarters before the last reported quarter
583	% Change Sales Q(-5)/Q(-6)	Quarterly Sales growth in % is calculated as: $[(Q(-5)-Q(-6)) / \text{ABS}(Q(-6))] \times 100$ where Q(-5) and Q(-6) are sales for 5 quarters and 6 quarters before the last reported quarter
584	% Change Sales Q(-1)/Q(-5)	Quarterly Sales growth in % is calculated as: $[(Q(-1)-Q(-5)) / \text{ABS}(Q(-5))] \times 100$ ; where Q(-1) and Q(-5) are Sales for 1 quarters and 5 quarters before the last reported quarter
585	% Change Sales Q(-2)/Q(-6)	Quarterly Sales growth in % is calculated as: $[(Q(-2)-Q(-6)) / \text{ABS}(Q(-6))] \times 100$ ; where Q(-2) and Q(-6) are Sales for quarters 2 and 6 quarters before the last reported quarter



## Additional DBCM Items *continued*

Item #	Virtual Item Name	Explanation
586	% Change Sales Q(-3)/Q(-7)	Quarterly Sales growth in % is calculated as: $[(Q(-3)-Q(-7))/ABS(Q(-7))] \times 100$ ; where Q(-3) and Q(-7) are Sales for 3 quarters and 7 quarters before the last reported quarter
587	# Down/# Estimates F(1) - 4 Weeks	Percent of F(1) Current Fiscal Year Estimates for the company that were lowered during the last 4 weeks
588	# Down/# Estimates F(2) - 4 Weeks	Percent of F(2) Next Fiscal Year Estimates for the company that were lowered during the last 4 weeks
589	Net Income Growth F(-1)/F(-2)	Annual Net Income growth in % is calculated as: $[(F(-1)-F(-2))/ABS(F(-2))] \times 100$ ; where F(-1) and F(-2) are net income for years 1 and 2 before the last reported fiscal year
590	Net Income Growth F(0)/F(-1)	Annual Net Income growth in % is calculated as: $[(F(0)-F(-1))/ABS(F(-1))] \times 100$ ; where F(0) is income for the last reported fiscal year and F(-1) is net income for 1 year before the last reported fiscal year
591	12 Mo. Net Inc Curr-1Q/Last-1Q (%)	12 Month Net Income growth in % is calculated as: $[(12 \text{ mo Net Income } Q(-1) - 12 \text{ mo Net Income } Q(-5))/ABS(12 \text{ mo Net Income } Q(-5))] \times 100$ ; where 12 mo Net Income Q(-1) is the 12 mo Net Income for quarter before completed quarter and 12 mo Net Income Q(-5) is 12 mo Net Income for the 5 quarters before completed quarter
592	12 Mo. Net Income Current/Last (%)	12 Month Net Income growth in % is calculated as: $[(12 \text{ mo Net Income } Q - 12 \text{ mo Net Income } Q(-4))/ABS(12 \text{ mo Net Income } Q(-4))] \times 100$ ; where 12 mo Net Income Q is 12 mo Net Income for completed quarter and 12 mo Net Income Q(-4) is the 12 mo net Income 4 quarters ago
593	% Change Net Income Q(0)/Q(-1)	Quarterly Net Income growth in % is calculated as: $[(Q(0)-Q(-1))/ABS(Q(-1))] \times 100$ ; where Q(0) and Q(-1) are Net Income for the last reported quarter and 1 quarter before the last reported quarter
594	% Change Net Income Q(-1)/Q(-2)	Quarterly Net Income growth in % is calculated as: $[(Q(-1)-Q(-2))/ABS(Q(-2))] \times 100$ ; where Q(-1) and Q(-2) are Net Income for quarters 1 and 2 quarters before the last reported quarter
595	% Change Net Income Q(-2)/Q(-3)	Quarterly Net Income growth in % is calculated as: $[(Q(-2)-Q(-3))/ABS(Q(-3))] \times 100$ ; where Q(-2) and Q(-3) are Net Income for quarters 2 and 3 quarters before the last reported quarter
596	% Change Net Income Q(-3)/Q(-4)	Quarterly Net Income growth in % is calculated as: $[(Q(-3)-Q(-4))/ABS(Q(-4))] \times 100$ ; where Q(-3) and Q(-4) are Net Income for 3 quarters and 4 quarters before the last reported quarter
597	% Change Net Income Q(-4)/Q(-5)	Quarterly Net Income growth in % is calculated as: $[(Q(-4)-Q(-5))/ABS(Q(-5))] \times 100$ ; where Q(-4) and Q(-5) are Net Income for 4 quarters and 5 quarters before the last reported quarter
598	% Change Net Income Q(-5)/Q(-6)	Quarterly Net Income growth in % is calculated as: $[(Q(-5)-Q(-6))/ABS(Q(-6))] \times 100$ ; where Q(-5) and Q(-6) are Net Income for 5 quarters and 6 quarters before the last reported quarter
599	% Change Net Income Q(0)/Q(-4)	Quarterly Net Income growth in % is calculated as: $[(Q(0)-Q(-4))/ABS(Q(-4))] \times 100$ ; where Q(0) and Q(-4) are Net Income for the last reported quarter and 4 quarters before the last reported quarter
600	% Change Net Income Q(-1)/Q(-5)	Quarterly Net Income growth in % is calculated as: $[(Q(-1)-Q(-5))/ABS(Q(-5))] \times 100$ ; where Q(-1) and Q(-5) are Net Income for quarters 1 and 5 quarters before the last reported quarter
601	% Change Net Income Q(-2)/Q(-6)	Quarterly Net Income growth in % is calculated as: $[(Q(-2)-Q(-6))/ABS(Q(-6))] \times 100$ ; where Q(-2) and Q(-6) are Net Income for quarters 2 and 6 quarters before the last reported quarter
602	% Change Net Income Q(-3)/Q(-7)	Quarterly Net Income growth in % is calculated as: $[(Q(-3)-Q(-7))/ABS(Q(-7))] \times 100$ ; where Q(-3) and Q(-7) are Net Income for quarters 3 and 7 quarters before the last reported quarter
603	Change in ROE (12 mo-5 year average)	Current ROE - 5 year average of ROE
604	Change in ROA (12 mo-5 year average)	Current ROA - 5 year average of ROA
605	Change in ROI (12 mo-5 year average)	Current ROI - 5 year average of ROI

## Additional DBCM Items *continued*

Item #	Virtual Item Name	Explanation
606	Change in Pretax Mgn. (12 mo-5Yr Avg)	Improvement in Pretax Margin: Current Pretax Margin - 5 yr average of Pretax Margin
607	Change in Net Margin (12 mo-5Yr Avg)	Improvement in Net Margin: Current Net Margin - 5 yr average of Net Margin
608	Change in Oper. Mgn. (12 mo-5Yr Avg)	Improvement in Operating Margin: Current Operating Margin - 5 year average of Operating Margin
609	Change in Rec.Turn. (12 mo-5 Yr Avg)	Improvement in Receivables Turnover: Current Receivables Turnover - 5 yr average of Receivables Turnover
610	Change in Inv. Turn. (12 mo-5 Yr Avg)	Improvement in Inventory Turnover: Current Inventory Turnover - 5 year average of Inventory Turnover
611	Change in Asset Util. (12 mo-5 Yr Avg)	Improvement in Asset Utilization: Current Asset Utilization - 5 year average of Asset Utilization
612	Change in Debt/Tot.Cap.(Rec-5Yr Avg)	Improvement in Debt/Total Capital: Current Debt/Capital - 5 year average of Debt/Capital
613	Change in Current Ratio (Rec-5Yr Avg)	Improvement in Current Ratio: Recent Current Ratio - 5 year average of Current Ratio
614	% Rating Strong Buy	Percent of current broker recommendations for the stock that are Strong Buy
615	% Rating Buy	Percent of current broker recommendations for the stock that are Buy
617	% Rating Hold	Percent of current broker recommendations for the stock that are Hold or Neutral
618	% Rating Sell	Percent of current broker recommendations for the stock that are Sell
619	% Rating Strong Sell	Percent of current broker recommendations for the stock that are Strong Sell
620	% Rating Buy + Strong Buy	Percent of current broker recommendations for the stock that are Buy or Strong Buy
621	% Change - 1 Week	Percent Change in equal weighted average of broker recommendation during the last week. Average is calculated using: Strong Buy = 1; Buy=2; Hold =3; Sell =4; Strong Sell = 5
622	% Change - 4 Weeks	Percent Change in equal weighted average of broker recommendation during last 4 weeks. Average is calculated using: Strong Buy = 1; Buy=2; Hold =3; Sell =4; Strong Sell = 5
623	#(Up-Down)/Total - 1 Week	Net revisions during last week: (Number upgrades last week-Number downgrades last week)/Number of brokers following the stock
624	#(Up-Down)/Total - 4 Weeks	Net revisions during last 4 weeks: (Number upgrades last 4 weeks-Number downgrades last 4 weeks)/Number brokers following the stock
625	Std Dev Q(1)/Consensus Q(1)	Q(1) Coefficient of Variation = Standard Deviation of Estimates for Q(1)/Consensus Estimate (mean) for Q(1). Q(1) is the current quarter
626	Std Dev Q(2)/Consensus Q(2)	Q(2) Coefficient of Variation = Standard Deviation of Estimates for Q(2)/Consensus Estimate (mean) for Q(2). Q(2) is the next quarter
627	Std Dev F(1)/Consensus F(1)	F(1) Coefficient of Variation = Standard Deviation of Estimates for F(1)/Consensus Estimate (mean) for F(1). F(1) is the current fiscal year.
628	Std Dev F(2)/Consensus F(2)	F(2) Coefficient of Variation = Standard Deviation of Estimates for F(2)/Consensus Estimate (mean) for F(2). F(2) is the next fiscal year.
629	F(1) Range: (High-Low)/Consensus	F(1) Range: (High-Low)/Consensus. This ratio is a measure of possible errors in the F(1) consensus.
630	F(2) Range: (High-Low)/Consensus	F(2) Range: (high-low)/Consensus. This ratio is a measure of possible errors in the F(2) consensus.
632	Market Value/# Analysts	Neglect: Market Value/# Analysts. This ratio identifies large companies which are followed by few analysts.
633	Sales/# Analysts	Neglect: Sales/# Analysts. This ratio identifies companies with large sales which are followed by few analysts.
634	Extreme F(1): Mean/Median	Extreme F(1): Mean/Median. When this ratio is not close to 1.0 there are significant estimate outliers.
635	Extreme F(2): Mean/Median	Extreme F(2): Mean/Median. When this ratio is not close to 1.0 there are significant estimate outliers.

## Additional DBCM Items *continued*

Item #	Virtual Item Name	Explanation
636	Est.YTD EPS Gr.Q(1)/YTD Year ago	Future YTD EPS growth for YTD period ending Q(1) in % = $(A-B/ABS B) \times 100$ ; where A is consensus estimate of year to date EPS for Q(1) and B is reported comparable EPS for previous year. EPS is before NRI
637	Est.YTD EPS Gr.Q(2)/YTD Year ago	Future YTD EPS growth for YTD period ending Q(2) in % = $(A-B/ABS B) \times 100$ ; where A is consensus estimate of year to date EPS for Q(2) and B is reported comparable EPS for previous year. EPS is before NRI
638	Est.YTD EPS Gr.Q(3)/YTD Year ago	Future YTD EPS growth for YTD period ending Q(3) in % = $(A-B/ABS B) \times 100$ ; where A is consensus estimate of year to date EPS for Q(3) and B is reported comparable EPS for previous year. EPS is before NRI
639	Est.YTD EPS Gr.Q(4)/YTD Year ago	Future YTD EPS growth for YTD period ending Q(4) in % = $(A-B/ABS B) \times 100$ ; where A is consensus estimate of year to date EPS for Q(4) and B is reported comparable EPS for previous year. EPS is before NRI
640	% Ch Short Interest - 1 Mo	% Change in Short Interest for One Month
642	12 Month Forward Looking Estimate	Time weighted 12 month forward looking EPS estimate calculated using current and next fiscal year estimates with each weighted based on the time remaining in the fiscal year
645	12 Mo. Forward Est/12 Mo. Actual	Estimated EPS growth for the next 12 months calculated as: $(12 \text{ mo Forward Estimate} - 12 \text{ mo Actual})/ABS(12 \text{ mo Actual})$
646	P/E using 12 mo forward EPS Est	P/E using 12 month forward EPS estimate
700	Net % Chg in Holdings - 12 Weeks	The net percent change in shares held by insiders who bought or sold during the last 12 weeks (excluding options related sales and amendments)
701	# of Buyers - 12 Weeks	Number of transactions that were Buys for the last 12 weeks
702	# of Sellers - 12 Weeks	Number of transactions that were Sells for the last 12 weeks
703	Multiple of Historical Norm-12 Wks	Comparison of the average number of shares (both bought and sold in the current transactions) to the historical norm. The Historical Norm is the average number of shares traded per transaction based on all historical transactions (1.0 = usual).
704	Net % Chg in Holdings - 24 Weeks	The net percentage change in shares held by insiders who bought or sold during the last 24 weeks (excluding options related sales and amendments)
705	# of Buyers - 24 Weeks	Number of transactions that were Buys for the last 24 weeks
706	# of Sellers - 24 Weeks	Number of transactions that were Sells for the last 24 weeks
707	Multiple of Historical Norm-24 Wks	Multiple of Historical Norm for the last 24 weeks
901	S&P 500 Membership and Industry	S&P 500 membership and Industry Code. 0 = non-member
902	S&P 400 MidCap Membership	S&P MidCap 400 membership and Industry Code. 0 = non-member
903	S&P 100 Membership	S&P 100 Index membership (1=member)
904	S&P 600 Small Cap Membership	S&P SmallCap 600 membership and Industry Code. 0 = non-member

## Daily DBCM Items

If you subscribe to daily DBCM, the following items will be updated daily: (The meaning of some of the items has of necessity changed slightly. In addition, virtual items which are derived from these items are also updated).

<u>Item #</u>	<u>Description</u>
5	Current Price or Closing Price
8	Highest Fri or Current Price last 52+ weeks
9	Lowest Fri or Closing Price last 52+ weeks
10	Current Price as a percent of 52 week price high low range
11	% Price Ch from 4 Fridays ago
12	% Price Ch Rel S&P 500 from 4 Fridays ago
13	% Price Ch from 12 Fridays ago
14	% Price Ch Rel S&P500 from 12 Fridays ago
15	% Price Ch from 24 Fridays ago
16	% Price Ch Rel S&P500 from 24 Fridays ago
17	Percent Change in Price calendar YTD
21	Market Value (capitalization) in millions
26	Dividend Yield in Percent
28	Diluted Operating EPS for fiscal qtr
29	Date of last reported fiscal quarter
30	Date of last completed fiscal quarter
34	12 Month Trailing Actual EPS Diluted
39	Q(0) Consensus Estimate
40	Q(0) Standard Deviation
41	Last Quarter Earnings Surprise
72	P/E ratio using F1 estimated earnings
73	Relative P/E F1
74	P/E ratio using F2 estimated earnings
75	Relative P/E F2
76	P/E ratio using diluted 12 months EPS & current price
77	Relative P/E ratio using diluted 12 months EPS relative to S&P500
100	Price/Book
107	Price/Cash flow per share
120	% Price Ch from 1 Friday ago
121	% Price Ch Rel S&P500 from 1 Friday ago
122	% Price Ch from 52 Fridays ago
123	% Price Ch Rel S&P500 from 52 Fridays ago
150	Quarterly Sales (millions)
151	Income Before Non Recurring Items (Qtr)
152	Fiscal Quarterly Net Income
154	EPS reporting date
155	Sales during last 12 months
156	12 month income BNRI
157	Net income last 12 months
188	Number of Estimates in Q(0) Consensus
201	Diluted Net EPS
202	Actual EPS used in Surprise

## Summary of AGGIND Database Items

### Industry Descriptive

#### Item # Name

#### Industry

3	Industry Name
1	Industry Code
2	Fiscal Month End
4	Split Factor
5	Number in Group
41	Zacks Industry Codes (1-200+)

### Industry Growth Rates

#### Item # Name

#### Growth Rates

30	Dividend Growth
31	EPS Growth
32	Sales Growth
33	Book Value per Share Growth
34	Cash Flow per Share Growth
42	Estimated EPS Growth

### Industry Ratios

#### Item # Name

#### Dividend and Payout

40	Dividend Yield
28	Payout Ratio
29	Average Payout Ratio

#### P/E

#### P/E Ratios using EPS Estimates

35	P/E using F(1) EPS Estimate
36	P/E using (F2) EPS Estimate
	P/E Ratios using EPS Actuals
37	P/E using 12 month EPS

#### Return on Investment

#### Return on Equity (ROE)

22	ROE - Most Recent 12 month (%)
23	ROE - Average Last 5 years (%)

#### Return on Assets (ROA)

24	ROA - Most Recent 12 month (%)
25	ROA - Average Last 5 years (%)

#### Return on Investment (ROI)

26	ROI - Most Recent 12 month (%)
27	ROI - Average Last 5 years (%)

### Turnover

#### Receivables Turnover

12	Rec. Turnover - Most Recent
13	Rec. Turnover - Avg. Last 5 Yr.

#### Inventory Turnover

14	Inventory Turnover - Most Recent
15	Inventory Turnover - Avg. Last 5 Yr.

#### Asset Utilization

16	Asset Utilization - Most Recent
17	Asset Utilization - Avg. Last 5 Yr.

### Leverage

#### Debt/Equity

20	Debt/Equity - Most Recent
21	Debt/Equity - Avg. Last 5 Yr.

### Liquidity

#### Current Ratio

18	Current Ratio - Most Recent
19	Current Ratio - Average Last 5 Yr.

### Valuation

#### Price Fundamentals

38	Price/Book
39	Price/Cash

### Industry Margins

#### Item # Name

#### Net Margin

6	Net Margin 12 mo. - Most Recent (%)
7	Net Margin - Average Last 5 Years

#### Pretax Margin

8	Pretax Margin 12 mo. - Most Recent (%)
9	Pretax Margin - Average Last 5 Years

#### BNRI Margin

10	BNRI Margin 12 mo. - Most Recent (%)
11	BNRI Margin - Average Last 5 Years

## AGGIND Database Items: Zacks Aggregate Industry Database

Item #	Name	Freq	#Per	Split	FMT	Explanation
Item 1	TICKER	X	1	N	A10	Zacks Industry Symbol
Item 2	FYE MONTH	X	1	N	I2	Fiscal year end month(always 12)
Item 3	COMPANY	X	1	N	A15	Industry name
Item 4	SPLIT FACT	E	3	N	F8.3	Split adjustment factor field(only the most recent field contains a 1.00 split factor)
Item 5	# IN GROUP	X	1	N	F8.2	Number of companies in industry group
<b>Items 6-42 give median values for individual industries</b>						
Item 6	NET MARGIN	Q	3	N	F8.2	Net Margin: Net Income/Sales
Item 7	5YR AVENTM	Q	3	N	F8.2	Five year average Net Margin
Item 8	PRETAX MRG	Q	3	N	F8.2	Pretax profit margin.Calc:(PRETAX INC/SALES) X100
Item 9	5YR AVEPTM	Q	3	N	F8.2	Mean of last 5 years of fiscal quarter pretax profit margin
Item 10	BNRI MARGIN	F	3	N	F8.2	(Income before extraordinary items and discontinued operations for the previous 12 month period/Sales for the previous 12 month period) X 100
Item 11	5YRBNRI MG	F	3	N	F8.2	Five year average BNRI margin
Item 12	REC TRNOVR	Q	3	N	F8.2	Receivable turnover: Sales 12 / 4 qtr. avg.Receivables
Item 13	5YR AVERTO	Q	3	N	F8.2	Five year average receivable turnover
Item 14	INV TRNOVR	Q	3	N	F8.2	Inventory Turnover: COGS 12 / 4 qtr avg. Inventory
Item 15	5YR AVEITO	Q	3	N	F8.2	Five year average inventory turnover
Item 16	ASSET UTIL	Q	3	N	F8.2	Asset Utilization: Sales 12 / 4 qtr avg total assets
Item 17	5YR AVEAUT	Q	3	N	F8.2	Five year average Asset utilization
Item 18	CURR RATIO	Q	3	N	F8.2	Current Ratio. Calc: Current Assets / Current liabilities
Item 19	5YR AVECUR	Q	3	N	F8.2	Five year average Current Ratio
Item 20	DEBT/SH EQ	Q	3	N	F8.2	Debt/Share Equity
Item 21	5YR AVED/E	Q	3	N	F8.2	Five year average Debt/Equity
Item 22	ROE	Q	3	N	F8.2	Calculated Return on Equity, as of the last completed fiscal quarter. Calc:(ACT EPS 12) X (SHARES OUT)/Mean of trailing 4 quarters Common Equity
Item 23	5YR AVEROE	Q	3	N	F8.2	Five year average Return on Equity
Item 24	ROA	Q	3	N	F8.2	Calculated return on Assets, as of the last completed fiscal quarter. Calc: (ACT EPS 12) X (SHARES OUT)/Mean of trailing 4 quarter Total Assets
Item 25	5YR AVEROA	Q	3	N	F8.2	Five year average Return on Assets
Item 26	ROI	Q	3	N	F8.2	Return on Invested capital Calculation: Income b/f extras & discontinued operations / Long-term debt, convertible debt + non-current capital leases + mortgages + book value preferred stock + common equity Long term debt + common equity.
Item 27	5YR AVEROI	Q	3	N	F8.2	Five year average return on Invested Capital
Item 28	PAYOUT RAT	Q	3	N	F8.2	Dividend payout ratio. Calc:INDICATED ANNUAL DIVIDEND/ACT EPS 12
Item 29	5YR AVEPAY	Q	3	N	F8.2	Five year average Payout Ratio
Item 30	TREND DIVG	Q	2	N	F8.2	Dividend growth rate. Calc: Beta from an exponential regression on 20 quarters' historical dividends
Item 31	TREND EPGR	Q	2	N	F8.2	EPS growth rate over the last 20 quarters of 12- month EPS. Calc: Beta from the exponential regression of the last 20 quarters of ACT EPS 12
Item 32	TREND SALE	Q	2	N	F8.2	Calculated from beta of an exponential regression on last 5 years of fiscal quarterly sales figures
Item 33	TREND BVSG	Q	2	N	F8.2	Trend book value per share growth rate calculated from beta of an exponential regression on the last 20 quarters' of fiscal book value per share
Item 34	TREND CFPS	A	2	N	F8.2	Trend cash flow per share
Item 35	P/E F1	W	1	N	F8.2	Price/earnings ratio (using F1 estimated earnings and current price). Calc: CURR PRICE/EST EPS F1

## AGGIND Database Items: Zacks Aggregate Industry Database *continued*

Item #	Name	Freq	#Per	Split	FMT	Explanation
Item 36	<b>P/E F2</b>	W	1	N	F8.2	Price/earnings ratio (using F2 estimated earnings and current price). Calc:CURR PRICE/EST EPS F2
Item 37	<b>P/E 12M</b>	W	1	N	F8.2	Price/earnings ratio using actual 12-month EPS and current price. Calc: CURR PRICE/ACT EPS 12
Item 38	<b>PRICE/BOOK</b>	W	1	N	F8.2	Price to Book value per share, as of last completed week
Item 39	<b>PRICE/CASH</b>	W	1	N	F8.2	Price to cash flow per share, as of most recently completed week. Calc: CURR PRICE/(CASH SHARE)
Item 40	<b>DIV YLD</b>	W	1	N	F8.2	Current dividend yield as of last completed week
Item 41	<b>X INDUSTRY</b>	X	1	N	I3	Zacks Expanded Industry Classifications- 200+ codes
Item 42	<b>EST EPS GR</b>	W	1	N	F8.2	Mean estimate for long-term (3-5 year) annualized EPS growth as of the last completed week

## Summary of AGGSEC Database Items

### Sector Descriptive

Item #	Name	
	<u>Sector</u>	
3	Sector Name	
1	Sector Code	
2	Fiscal Month End	
4	Split Factor	12
5	Number in Group	13
41	Zacks Sector Codes (0-17)	

### Sector Growth Rates

Item #	Name	
30	Sector Growth Rates	
31	Dividend Growth	
32	EPS Growth	
33	Sales Growth	
34	Book Value per Share Growth	
42	Cash Flow per Share Growth	20
	Estimated EPS Growth	21

### Sector Ratios

Item #	Name	
	<u>Dividend and Payout</u>	
40	Dividend Yield	18
28	Payout Ratio	19
29	Average Payout Ratio	
	<u>P/E</u>	
	<u>P/E Ratios using EPS Estimates</u>	
35	P/E using F(1) EPS Estimate	38
36	P/E using (F2) EPS Estimate	39
	<u>P/E Ratios using EPS Actuals</u>	
37	P/E using 12 month EPS	

### Return on Investment

	<u>Return on Equity (ROE)</u>	
22	ROE: Most Recent 12 month (%)	
23	ROE: Average Last 5 years (%)	
	<u>Return on Assets (ROA)</u>	
24	ROA: Most Recent 12 month (%)	
25	ROA: Average Last 5 years (%)	

### Return on Investment (ROI)

26	ROI: Most Recent 12 month (%)
27	ROI: Average Last 5 years (%)

### Turnover

#### Receivables Turnover

12	Rec. Turnover - Most Recent
13	Rec. Turnover - Average Last 5 years

#### Inventory Turnover

14	Inventory Turnover - Most Recent
15	Inventory Turnover - Avg Last 5 years

#### Asset Utilization

16	Asset Utilization - Most Recent
17	Asset Utilization - Avg Last 5 years

### Leverage

#### Debt/Equity

20	Debt/Equity - Most Recent (%)
21	Debt/Equity - Average Last 5 years (%)

### Liquidity

#### Current Ratio

18	Current Ratio - Most Recent
19	Current Ratio - Average Last 5 years

### Valuation

#### Price Fundamentals

38	Price/Book
39	Price/Cash

### Sector Margins

Item #	Name	
	<u>Net Margin</u>	
6	Net Margin 12 mo. - Most Recent (%)	
7	Net Margin - Average Last 5 years (%)	
	<u>Pretax Margin</u>	
8	Pretax Margin 12 mo. - Most Recent (%)	
9	Pretax Margin - Avg Last 5 years (%)	
	<u>BNRI Margin</u>	
10	BNRI Margin 12 mo. - Most Recent (%)	
11	BNRI Margin - Average Last 5 years (%)	



## AGGSEC Database Items: Zacks Aggregate Sector Database

Item #	Name	Freq	#Per	Split	FMT	Explanation
Item 1	<b>TICKER</b>	X	1	N	A10	Zacks Sector Symbol
Item 2	<b>FYE MONTH</b>	X	1	N	I2	Fiscal year end month (always 12)
Item 3	<b>COMPANY</b>	X	1	N	A15	Sector name
Item 4	<b>SPLIT FACT</b>	E	3	N	F8.3	Split adjustment factor field (only the most recent field contains a 1.00 split factor)
Item 5	<b># IN GROUP</b>	X	1	N	F8.2	Number of companies in sector group
<b>Items 6-42 give median values for individual sectors</b>						
Item 6	<b>NET MARGIN</b>	Q	3	N	F8.2	Net Margin: Net Income/Sales
Item 7	<b>5YR AVENTM</b>	Q	3	N	F8.2	Five year average Net Margin
Item 8	<b>PRETAX MRG</b>	Q	3	N	F8.2	Pretax profit margin.Calc:(PRETAX INC./SALES) X100
Item 9	<b>5YR AVEPTM</b>	Q	3	N	F8.2	Mean of last 5 years of fiscal quarter pretax profit margin
Item 10	<b>BNRI MARGIN</b>	F	3	N	F8.2	(Income before extraordinary items and discontinued operations for the previous 12 month period/Sales for the previous 12 month period) X 100
Item 11	<b>5YRBNRI MG</b>	F	3	N	F8.2	Five year average BNRI margin
Item 12	<b>REC TRNOVR</b>	Q	3	N	F8.2	Receivable turnover: Sales 12 / 4 qtr. avg.Receivables
Item 13	<b>5YR AVERTO</b>	Q	3	N	F8.2	Five year average receivable turnover
Item 14	<b>INV TRNOVR</b>	Q	3	N	F8.2	Inventory Turnover: COGS 12 / 4 qtr avg. Inventory
Item 15	<b>5YR AVEITO</b>	Q	3	N	F8.2	Five year average inventory turnover
Item 16	<b>ASSET UTIL</b>	Q	3	N	F8.2	Asset Utilization: Sales 12 / 4 qtr avg total assets
Item 17	<b>5YR AVEAUT</b>	Q	3	N	F8.2	Five year average Asset utilization
Item 18	<b>CURR RATIO</b>	Q	3	N	F8.2	Current Ratio. Calc: Current Assets / Current liabilities
Item 19	<b>5YR AVECUR</b>	Q	3	N	F8.2	Five year average Current Ratio
Item 20	<b>DEBT/SH EQ</b>	Q	3	N	F8.2	Debt/Share Equity
Item 21	<b>5YR AVED/E</b>	Q	3	N	F8.2	Five year average Debt/Equity
Item 22	<b>ROE</b>	Q	3	N	F8.2	Calculated Return on Equity, as of the last completed fiscal quarter. Calc:(ACT EPS 12) X (SHARES OUT)/Mean of trailing 4 quarters Common Equity
Item 23	<b>5YR AVEROE</b>	Q	3	N	F8.2	Five year average Return on Equity
Item 24	<b>ROA</b>	Q	3	N	F8.2	Calculated return on Assets, as of the last completed fiscal quarter. Calc: (ACT EPS 12) X (SHARES OUT)/Mean of trailing 4 quarter Total Assets
Item 25	<b>5YR AVEROA</b>	Q	3	N	F8.2	Five year average Return on Assets
Item 26	<b>ROI</b>	Q	3	N	F8.2	Return on Invested capital Calculation: Income b/f extras & discontinued operations / Long-term debt, convertible debt + non-current capital leases + mortgages + book value preferred stock + common equity Long term debt + common equity.
Item 27	<b>5YR AVEROI</b>	Q	3	N	F8.2	Five year average return on Invested Capital
Item 28	<b>PAYOUT RAT</b>	Q	3	N	F8.2	Dividend payout ratio. Calc:INDICATED ANNUAL DIVIDEND/ACT EPS 12
Item 29	<b>5YR AVEPAY</b>	Q	3	N	F8.2	Five year average Payout Ratio
Item 30	<b>TREND DIVG</b>	Q	2	N	F8.2	Dividend growth rate. Calc: Beta from an exponential regression on 20 quarters' historical dividends
Item 31	<b>TREND EPGR</b>	Q	2	N	F8.2	EPS growth rate over the last 20 quarters of 12- month EPS. Calc: Beta from the exponential regression of the last 20 quarters of ACT EPS 12
Item 32	<b>TREND SALE</b>	Q	2	N	F8.2	Calculated from beta of an exponential regression on last 5 years of fiscal quarterly sales figures
Item 33	<b>TREND BVSG</b>	Q	2	N	F8.2	Trend book value per share growth rate calculated from beta of an exponential regression on the last 20 quarters' of fiscal book value per share

## AGGSEC Database Items: Zacks Aggregate Sector Database *continued*

Item #	Name	Freq	#Per	Split	FMT	Explanation
Item 34	<b>TREND CFPS</b>	A	2	N	F8.2	Trend cash flow per share
Item 35	<b>P/E F1</b>	W	1	N	F8.2	Price/earnings ratio (using F1 estimated earnings and current price). Calc: CURR PRICE/EST EPS F1
Item 36	<b>P/E F2</b>	W	1	N	F8.2	Price/earnings ratio (using F2 estimated earnings and current price). Calc:CURR PRICE/EST EPS F2
Item 37	<b>P/E 12M</b>	W	1	N	F8.2	Price/earnings ratio using actual 12-month EPS and current price. Calc: CURR PRICE/ACT EPS 12
Item 38	<b>PRICE/BOOK</b>	W	1	N	F8.2	Price to Book value per share, as of last completed week
Item 39	<b>PRICE/CASH</b>	W	1	N	F8.2	Price to cash flow per share, as of most recently completed week. Calc: CURR PRICE/(CASH SHARE)
Item 40	<b>DIV YLD</b>	W	1	N	F8.2	Current dividend yield as of last completed week
Item 41	<b>X SECTOR</b>	X	1	N	I3	Zacks Expanded Sector Classifications- 0-17
Item 42	<b>EST EPS GR</b>	W	1	N	F8.2	Mean estimate for long-term (3-5 year) annualized EPS growth as of the last completed week

## Summary of DBDA Database Items

### Company Descriptive

Item # Name

#### Company

3 Company Name  
1 Ticker  
9 CUSIP  
10 SIC Code  
8 Exchange Traded  
2 Fiscal Month End  
12 Shareholders  
13 Employees  
4 Split Factor

#### Membership Codes

5 S&P 500 Membership and Industry  
145 Zacks Industry Code  
146 Zacks Sector Code

### Earnings and Dividends

Item # Name

#### Earnings

128 Basic Net EPS  
129 Diluted Net EPS  
130 Diluted EPS Before Non-Recurring Items  
131 Explanation of Extraordinary Items  
133 Discontinued Operations (\$mil)  
123 Earnings Report Date (yyyymmdd)  
124 Shares Outstanding (mil)

#### Dividends

132 Dividends per Share  
127 Common Dividends Paid (\$mil)  
126 Preferred Dividends Paid (\$mil)  
125 Preferred Dividends Accrued (\$mil)

### Balance Sheet - Assets

Item # Name

#### Current Assets

23 Total Current Assets (\$mil)  
14 Cash (\$mil)  
15 Marketable Securities (\$mil)  
134 Cash & Marketable Securities (\$mil)  
16 Receivables (\$mil)  
17 Inventories (\$mil)  
18 Raw Materials (\$mil)  
19 Work in Process (\$mil)  
20 Finished Goods (\$mil)  
21 Notes Receivable (\$mil)  
22 Other Current Assets (\$mil)

#### Non-Current Assets

24 Property/Plant/Equipment (\$mil)  
26 Net Property/Plant/Equipment (\$mil)  
25 Accumulated Depreciation (\$mil)  
27 Investments & Advances (\$mil)  
29 Deferred Charges (\$mil)  
30 Intangibles (\$mil)  
28 Other Non-Current Assets (\$mil)

31 Other Assets (\$mil)

#### Totals

32 Total Assets (\$mil)

### Liabilities

Item # Name

#### Current Liabilities

33 Notes Payable (\$mil)  
34 Accounts Payable (\$mil)  
35 Current Long-Term Debt (\$mil)  
36 Current Capital Leases (\$mil)  
37 Accrued Expenses (\$mil)  
38 Income Taxes Payable (\$mil)  
39 Other Current Liabilities (\$mil)  
40 Total Current Liabilities (\$mil)

#### Non-Current Liabilities

41 Mortgages (\$mil)  
42 Deferred Charges (\$mil)  
43 Convertible Debt (\$mil)  
48 Minority Interest (\$mil)  
44 Long-Term Debt (\$mil)  
45 Non-Current Capital Leases (\$mil)  
135 Total Long-Term Debt (\$mil)  
46 Other Long-Term Liabilities (\$mil)  
54 Other Liabilities (\$mil)  
47 Total Liabilities (\$mil)

### Equities

Item # Name

#### Balance Sheet - Equities

49 Preferred Stock (\$mil)  
50 Net Common Stock (\$mil)  
51 Capital Surplus (\$mil)  
52 Retained Earnings (\$mil)  
53 Treasury Stock (\$mil)  
136 Common Equity (\$mil)  
55 Shareholders' Equity (\$mil)  
56 Total Liabilities and Equity (\$mil)

### Restated

Item # Name

#### Balance Sheet (Restated)

76 R-Cash (\$mil)  
77 R-Marketable Securities (\$mil)  
78 R-Receivables (\$mil)  
79 R-Inventories (\$mil)  
80 R-Total Current Assets (\$mil)  
81 R-Net Property/Plant/Equipment (\$mil)  
82 R-Total Assets (\$mil)  
83 R-Total Current Liabilities (\$mil)  
84 R-Long-Term Debt (\$mil)  
85 R-Total Liabilities (\$mil)  
86 R-Minority Interest (\$mil)  
87 R-Preferred Stock (\$mil)  
88 R-Retained Earnings (\$mil)  
89 R-Shareholders' Equity (\$mil)

## Summary of DBDA Database Items *continued*

### Statement of Cash Flows

#### Item # Name

#### Statement of Cash Flows (SFAS 95)

102	Net Income (\$mil)
103	Depreciation (\$mil)
104	Assets/Liabilities (\$mil)
105	Cash from Discontinued Oper (\$mil)
106	Net Other Adjustments (\$mil)
107	Net Cash from Oper Activities \$mil
108	Property/Plant/Equipment (\$mil)
109	Subsidiaries (\$mil)
110	Investments (\$mil)
111	Cash Inflow from Invest Activites \$mil
112	Net Cash by Invest Activities \$mil
113	Issuance of Equity Shares (\$mil)
114	Issuance of Debt Securities (\$mil)
115	Bank and Other Borrowings (\$mil)
116	Dividends and Distributions (\$mil)
117	Other Cash from Finan Activities \$mil
118	Net Cash by Finan Activities (\$mil)
119	Exchange Rate Effect (\$mil)
120	Net Change in Cash (\$mil)
121	Beginning Cash (\$mil)
122	Ending Cash (\$mil)

### Income Statement - Annual

#### Item # Name

#### Income Statement - Annual

57	Net Sales (\$mil)
58	Cost of Goods Sold (\$mil)
59	Gross Profit (\$mil)
60	Research & Development (\$mil)
61	Selling/General/Administr (\$mil)
138	Total Expenses (\$mil)
62	Income before Depreciation (\$mil)
63	Depreciation (\$mil)
64	Non-Operating Income (\$mil)
65	Interest Expense (\$mil)

66	Pretax Income (\$mil)
67	Provision for Income Taxes (\$mil)
68	Minority Interest (\$mil)
69	Investment Gain/Loss (\$mil)
70	Other Income (\$mil)
71	IncM before Extraordinary Itms (\$mil)
139	Extraordinary Items (\$mil)
72	Extras & Disc Ops (\$mil)
73	Net Income (\$mil)
74	Average Shares (mil)
137	Net Inc Available for Common (\$mil)
75	US/Foreign Currency

### Income Statement - Restated

#### Item # Name

#### R-Income Statement (Restated)

90	R-Sales (\$mil)
91	R-Cost of Goods Sold (\$mil)
92	R-Selling/General/Admin (\$mil)
93	R-Depreciation - IncM Stmt (\$mil)
94	R-Non-Operating Income (\$mil)
95	R-Interest Expenses (\$mil)
96	R-Pretax Income (\$mil)
97	R-Provision for Income Taxes (\$mil)
98	R-Extraordinary Items (\$mil)
99	R-Net Income (\$mil)
100	R-Common Shares Outstanding (mil)
101	R-Depreciation - from Cash Flow (\$mil)

### Additional Restated Items

#### Item # Name

#### Additional Restated Items

140	R-Diluted EPS BNRI
141	R-Diluted Net EPS
142	R-Extraordinary Items (\$mil)
143	R-Income before Extras (\$mil)
144	R-Discontinued Operations (\$mil)

## DBDA Database Items: Zacks Fundamental Annual Database

Item #	Name	Freq	#Per	Split	FMT	Explanation
<b>GENERAL COMPANY INFORMATION</b>						
Item 1	<b>TICKER</b>	X	1	N	A10	Company ticker symbol
Item 2	<b>FYE MONTH</b>	X	1	N	I2	Fiscal year end month (1-12)
Item 3	<b>COMPANY</b>	X	1	N	A15	Company name
Item 4	<b>SPLIT FACT</b>	E	3	N	F8.3	Split adjustment factors for last three stock dividends or splits since Zacks began following the firm
Item 5	<b>S&amp;P 500</b>	X	1	N	I4	S&P 500 Membership and Industry Code (nnnn = member and industry code, 0 = nonmember of S&P 500).
Item 6	<b>INDUSTRY</b>	X	1	N	I2	Zacks Old Industry Code
Item 7	<b>SECTOR</b>	X	1	N	I2	Zacks Old Sector Code
Item 8	<b>EXCHANGE</b>	M	1	N	A3	Major stock exchange on which common stock is traded
Item 9	<b>CUSIP</b>	X	1	N	A9	9-character alphanumeric identifier assigned by the Committee on Uniform Security Identification Procedures as a means of identifying each issuer and issue of securities
Item 10	<b>SIC CODE</b>	M	1	N	I4	Four-digit Standard Industrial Classification code indicating primary line of business in terms of net sales
Item 11	<b>INSIDR SHRS</b>	M	1	M	F9.3	Total number of shares of common stock held by officers and directors as a group (from proxy statement)
Item 12	<b>SHRHOLDERS</b>	M	1	N	F10.1	Number of shareholders of common stock (from Form 10-K)
Item 13	<b>EMPLOYEES</b>	M	1	N	F10.1	Number of employees (from Form 10-K)
<b>BALANCE SHEET - ASSETS</b>						
Item 14	<b>CASH</b>	Y	12	N	F8.2	Cash (cash, demand deposits, letters of credit, etc.)
Item 15	<b>MKTBLE SEC</b>	Y	12	N	F8.2	Marketable Securities (commercial paper, time deposits, etc.)
Item 16	<b>RECEIVABLE</b>	Y	12	N	F8.2	Receivables
Item 17	<b>INVENTORY</b>	Y	12	N	F8.2	Inventories
Item 18	<b>RAW MATRLS</b>	Y	12	N	F8.2	Raw Materials (also included in Inventories)
Item 19	<b>WK IN PROG</b>	Y	12	N	F8.2	Work in Progress (also included in Inventories)
Item 20	<b>FIN GOODS</b>	Y	12	N	F8.2	Finished Goods (also included in Inventories)
Item 21	<b>NOTES RECV</b>	Y	12	N	F8.2	Notes Receivable (may be included in Receivables)
Item 22	<b>OTH C ASST</b>	Y	12	N	F8.2	Other Current Assets and Prepaid Expenses
Item 23	<b>CUR ASSETS</b>	Y	12	N	F8.2	Total Current Assets
Item 24	<b>PP &amp; EQUIP</b>	Y	12	N	F8.2	Property, Plant, & Equipment (Gross)
Item 25	<b>ACCUM DEPR</b>	Y	12	N	F8.2	Accumulated Depreciation, Depletion, & Amortization
Item 26	<b>NET PP&amp;E</b>	Y	12	N	F8.2	Property, Plant, & Equipment (Net)
Item 27	<b>INVS &amp; ADV</b>	Y	12	N	F8.2	Investments and Advances to Subsidiaries
Item 28	<b>OTH NC AST</b>	Y	12	N	F8.2	Other Non-Current Assets (e.g., long-term receivables)
Item 29	<b>DEFER CHRGS</b>	Y	12	N	F8.2	Deferred Charges
Item 30	<b>INTANGIBLE</b>	Y	12	N	F8.2	Intangibles (patents, trademarks, franchises, etc.)
Item 31	<b>DP&amp;OTH AST</b>	Y	12	N	F8.2	Deposits and Other Assets
Item 32	<b>TTL ASSETS</b>	Y	12	N	F8.2	Total Assets
<b>BALANCE SHEET - LIABILITIES AND EQUITY</b>						
Item 33	<b>NOTES PAY</b>	Y	12	N	F8.2	Notes Payable
Item 34	<b>ACCTS PAY</b>	Y	12	N	F8.2	Accounts Payable
Item 35	<b>CUR LTDEBT</b>	Y	12	N	F8.2	Current Portion of Long-Term Debt
Item 36	<b>CUR CAP LS</b>	Y	12	N	F8.2	Current Portion of Capital Leases
Item 37	<b>ACCRD EXPS</b>	Y	12	N	F8.2	Accrued Expenses (includes taxes payable other than income taxes)
Item 38	<b>INC TAXES</b>	Y	12	N	F8.2	Income Taxes Payable
Item 39	<b>OTH C LIAB</b>	Y	12	N	F8.2	Other Current Liabilities
Item 40	<b>TTL C LIAB</b>	Y	12	N	F8.2	Total Current Liabilities
Item 41	<b>MORTGAGES</b>	Y	12	N	F8.2	Mortgages
Item 42	<b>DEF CHG/IN</b>	Y	12	N	F8.2	Deferred Charges (Taxes/Income)
Item 43	<b>CONV DEBT</b>	Y	12	N	F8.2	Convertible Debt (bonds and debentures)

## DBDA Database Items: Zacks Fundamental Annual Database *continued*

Item #	Name	Freq	#Per	Split	FMT	Explanation
Item 44	LG TM DEBT	Y	12	N	F8.2	Long-Term Debt (excluding Mortgages and Convertible Debt)
Item 45	NC CAP LS	Y	12	N	F8.2	Non-current Capital Leases
Item 46	OTH LT LIA	Y	12	N	F8.2	Other Long-Term Liabilities (pension liabilities)
Item 47	TTL LIABS	Y	12	N	F8.2	Total Liabilities
Item 48	MIN IN(LI)	Y	12	N	F8.2	Minority Interest (liabilities)
Item 49	PREF STOCK	Y	12	N	F8.2	Preferred Stock (includes convertible pfd. & preference stock, if any)
Item 50	CM STK NET	Y	12	N	F8.2	Common Stock, net
Item 51	CP SURPLUS	Y	12	N	F8.2	Capital surplus and Additional Paid-in Capital
Item 52	RET EARNGS	Y	12	N	F8.2	Retained Earnings
Item 53	TREAS STK	Y	12	N	F8.2	Treasury Stock
Item 54	OTH LIABS	Y	12	N	F8.2	Other Liabilities
Item 55	SHR EQUITY	Y	12	N	F8.2	Shareholders' Equity
Item 56	TTL LIA&EQ	Y	12	N	F8.2	Total Liabilities and Shareholders' Equity

### INCOME STATEMENT

Item 57	NET SALES	Y	12	N	F8.2	Net Sales or Revenues
Item 58	COGS	Y	12	N	F8.2	Cost of Goods Sold
Item 59	GRS PROFIT	Y	12	N	F8.2	Gross Profit
Item 60	R&D EXPS	Y	12	N	F8.2	Research and Development Expenses
Item 61	SG&A EXP	Y	12	N	F8.2	Selling, General, and Administrative Expenses
Item 62	INC BD&A	Y	12	N	F8.2	Income before Depreciation, Depletion, and Amortization
Item 63	DEPR&AMORT	Y	12	N	F8.2	Depreciation, Depletion, and Amortization Expenses
Item 64	NON-OP INC	Y	12	N	F8.2	Non-Operating Income
Item 65	INT EXPS	Y	12	N	F8.2	Interest Expenses
Item 66	PRETAX INC	Y	12	N	F8.2	Pretax Income
Item 67	PRV IN TAX	Y	12	N	F8.2	Provision for Income Taxes
Item 68	MIN INTRST	Y	12	N	F8.2	Minority Interest (income) in Unconsolidated Subsidiaries
Item 69	INV GN/LS	Y	12	N	F8.2	Investment Gains (Losses)
Item 70	OTH INCOME	Y	12	N	F8.2	Other Income (including equity earnings)
Item 71	INC BEI&DO	Y	12	N	F8.2	Income before Extraordinary Items and Operations
Item 72	EXTRAS&DO	Y	12	N	F8.2	Extraordinary Items and Discontinued Operations
Item 73	NET INCOME	Y	12	N	F8.2	Net Income
Item 74	AVG SHRS	Y	12	N	F9.3	Average shares outstanding used to calculate EPS
Item 75	US/FOREIGN	M	12	N	I1	US/Foreign Currency indicator field (0=foreign, 1=US\$)

### BALANCE SHEET (RESTATED)

Item 76	R-CASH	Y	12	N	F8.2	Cash (restated)
Item 77	R-MKT SEC	Y	12	N	F8.2	Marketable Securities (restated)
Item 78	R-RECEIV	Y	12	N	F8.2	Receivables (restated)
Item 79	R-INVEN	Y	12	N	F8.2	Inventories (restated)
Item 80	R-CUR ASTS	Y	12	N	F8.2	Total Current Assets (restated)
Item 81	R-NET PP&E	Y	12	N	F8.2	Net Property, Plant, and Equipment (restated)
Item 82	R-TTL ASTS	Y	12	N	F8.2	Total Assets (restated)
Item 83	R-CUR LIAB	Y	12	N	F8.2	Total Current Liabilities (restated)
Item 84	R-L/T DEBT	Y	12	N	F8.2	Long-Term Debt (restated)
Item 85	R-TTL LIAB	Y	12	N	F8.2	Total Liabilities (restated)
Item 86	R-MIN INT	Y	12	N	F8.2	Minority Interest, liabilities (restated)
Item 87	R-PREF STK	Y	12	N	F8.2	Preferred Stock (restated)
Item 88	R-RET ERNG	Y	12	N	F8.2	Retained Earnings (restated)
Item 89	R-SHR EQTY	Y	12	N	F8.2	Shareholders' Equity (restated)

### INCOME STATEMENT (RESTATED)

Item 90	R-SALES	Y	12	N	F8.2	Net Sales or Revenues (restated)
Item 91	R-COGS	Y	12	N	F8.2	Cost of Goods Sold (restated)

## DBDA Database Items: Zacks Fundamental Annual Database *continued*

Item #	Name	Freq	#Per	Split	FMT	Explanation
Item 92	<b>R-SG&amp;A EXP</b>	Y	12	N	F8.2	Selling, General, and Administrative Expenses (restated)
Item 93	<b>R-DEP&amp;AMOR</b>	Y	12	N	F8.2	Depreciation, Depletion, and Amortization Expenses (restated - from Income Statement)
Item 94	<b>R-NONOP IN</b>	Y	12	N	F8.2	Non-Operating Income (restated)
Item 95	<b>R-INT EXP</b>	Y	12	N	F8.2	Interest Expenses (restated)
Item 96	<b>R-PTAX INC</b>	Y	12	N	F8.2	Pretax Income (restated)
Item 97	<b>R-INC TAX</b>	Y	12	N	F8.2	Provision for Income Taxes (restated)
Item 98	<b>R-EXTRA&amp;DO</b>	Y	12	N	F8.2	Extraordinary Items and Discontinued Operations (restated)
Item 99	<b>R-NET INC</b>	Y	12	N	F8.2	Net Income (restated)
Item100	<b>R-AVG SHRS</b>	Y	12	N	F9.3	Common Shares Outstanding (restated)
Item101	<b>R-DEP/AMOR</b>	Y	5	N	F8.2	Depreciation, Depletion, and Amortization (restated) - from Cash Flow Statement

### STATEMENT OF CASH FLOWS (SFAS 95)

Item102	<b>NET INC-CF</b>	Y	5	N	F8.2	Net Income (loss)
Item103	<b>DEP/AMR-CF</b>	Y	5	N	F8.2	Depreciation, Depletion, and Amortization
Item104	<b>AST/LBS-CF</b>	Y	5	N	F8.2	Net Increase (Decrease) in Assets/Liabilities
Item105	<b>DISC OP-CF</b>	Y	5	N	F8.2	Cash Provided by (Used in) Discontinued Operations
Item106	<b>OTH ADJ-CF</b>	Y	5	N	F8.2	Other Adjustments, Net
Item107	<b>CASH OP-CF</b>	Y	5	N	F8.2	Net Cash Provided by (Used in) Operating Activities
Item108	<b>PP&amp;E - CF</b>	Y	5	N	F8.2	(Increase) Decrease in Property, Plant, & Equipment
Item109	<b>SUBS - CF</b>	Y	5	N	F8.2	Acquisition/Disposition of Subsidiaries or OtherBusiness
Item110	<b>INVEST -CF</b>	Y	5	N	F8.2	Increase (Decrease) in Investments
Item111	<b>OTH INV-CF</b>	Y	5	N	F8.2	Other Cash Inflow (Outflow) from Investment Activities
Item112	<b>CSH INV-CF</b>	Y	5	N	F8.2	Net Cash Provided by (Used in) Investment Activities
Item113	<b>ISS EQU-CF</b>	Y	5	N	F8.2	Issuance (Purchases) of Equity Shares
Item114	<b>ISS DBT-CF</b>	Y	5	N	F8.2	Issuance (Repayment) of Debt Securities
Item115	<b>INC BNK-CF</b>	Y	5	N	F8.2	Increase (Decrease) in Bank and Other Borrowings
Item116	<b>DIVIDS -CF</b>	Y	5	N	F8.2	Payment of Dividends and Other Cash Distributions
Item117	<b>OTH FIN-CF</b>	Y	5	N	F8.2	Other Cash Inflows (Outflows) from Financing Activities
Item118	<b>CSH FIN-CF</b>	Y	5	N	F8.2	Net Cash Provided by (Used in) Financing Activities
Item119	<b>EXCH RT-CF</b>	Y	5	N	F8.2	Effect of Exchange Rate Changes on Cash
Item120	<b>CHG CSH-CF</b>	Y	5	N	F8.2	Net Change in Cash and Cash Equivalents
Item121	<b>CSH STR-CF</b>	Y	5	N	F8.2	Cash and Cash Equivalents at Beginning of Year
Item122	<b>CSH END-CF</b>	Y	5	N	F8.2	Cash and Cash Equivalents at Year End

### SUPPLEMENTARY EARNINGS AND DIVIDENDS INFORMATION

Item123	<b>EPS-REPDTE</b>	Y	12	N	A8	Report date for Earnings per Share (yyyymmdd)
Item124	<b>SHARES OUT</b>	Y	12	N	F8.2	Shares outstanding
Item125	<b>PREF-AC&amp;PD</b>	Y	12	N	F8.2	Preferred Dividends Accrued and Past Due
Item126	<b>DIV_PREF</b>	Y	12	N	F8.2	Preferred Dividends Paid
Item127	<b>DIV_COM</b>	Y	12	N	F8.2	Common Dividends Paid
Item128	<b>NET-EPS</b>	Y	12	D	F8.2	Basic Net Earnings per Share
Item129	<b>NET-EPS D</b>	Y	12	D	F8.2	Diluted Net Earnings per Share
Item130	<b>EPS D BNRI</b>	Y	12	D	F8.2	Diluted EPS before Non-Recurring Items
Item131	<b>REAS-EXTRA</b>	Y	12	N	A40	Text field for explanation of extraordinary item(s), if any
Item132	<b>DV/SH_COMM</b>	Y	12	D	F8.2	Dividends per Share (Common)
Item133	<b>DISC-OPER</b>	Y	12	N	F8.2	Discontinued Operations

### SUPPLEMENTARY FINANCIAL STATEMENT INFORMATION

Item134	<b>CSH+MKT_SC</b>	Y	12	N	F8.2	Cash and Marketable Securities
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## DBDA Database Items: Zacks Fundamental Annual Database *continued*

Item #	Name	Freq	#Per	Split	FMT	Explanation
Item135	<b>TTL LT_DBT</b>	Y	12	N	F8.2	Total Long-Term Debt (Mortgages + Convertible Debt + Long-Term Debt + Non-current Capital Leases)
Item136	<b>COM_EQUITY</b>	Y	12	N	F8.2	Common Equity
Item137	<b>NET_AV_COM</b>	Y	12	N	F8.2	Net Income Available for the Common
Item138	<b>TTL SG&amp;A_X</b>	Y	12	N	F8.2	Total Selling, General, and Administrative Expenses plus Research and Development Expenses
Item139	<b>EXTRAS</b>	Y	12	N	F8.2	Extraordinary Items

### ADDITIONAL RESTATED ITEMS

Item140	<b>R-EPS D BNRI</b>	Y	12	D	F8.2	Diluted EPS before Non-Recurring Items (restated)
Item141	<b>R-EPS D NET</b>	Y	12	D	F8.2	Diluted Net Earnings per Share (restated)
Item142	<b>R-EXTRAS</b>	Y	12	N	F8.2	Extraordinary Items (restated)
Item143	<b>R-INC BEDO</b>	Y	12	N	F8.2	Income before Extraordinary Items and Discontinued Operations (restated)
Item144	<b>R-DISC OPS</b>	Y	12	N	F8.2	Discontinued Operations (restated)
Item145	<b>X INDUSTRY</b>	X	1	N	I3	Zacks Expanded Industry Classifications - 200+ codes
Item 146	<b>X SECTOR</b>	X	1	N	I2	Zacks Expanded Sector assignments



## Summary of DBDQ Database Items

### Company Descriptive

#### Item # Name

##### Company

3 Company Name

1 Ticker

9 CUSIP

10 SIC Code

8 Exchange Traded

2 Fiscal Month End

12 Shareholders

13 Employees

4 Split Factor

##### Membership Codes

5 S&P 500 Membership and Industry

101 Zacks Industry Code

102 Zacks Sector Code

### Earnings and Dividends

#### Item # Name

##### Earnings

81 Basic Net EPS

82 Diluted Net EPS

83 Diluted EPS Before Non-Recurring Items

84 Explanation of Extraordinary Items

86 Discontinued Operations (\$mil)

76 Earnings Report Date (yyyymmdd)

77 Shares Outstanding (mil)

##### Dividends

85 Dividends per Share

80 Common Dividends Paid (\$mil)

79 Preferred Dividends Paid (\$mil)

78 Preferred Dividends Accrued (\$mil)

### Balance Sheet - Assets

#### Item # Name

##### Current Assets

14 Cash (\$mil)

15 Marketable Securities (\$mil)

87 Cash & Marketable Securities (\$mil)

16 Receivables (\$mil)

17 Inventories (\$mil)

18 Raw Materials (\$mil)

19 Work in Process (\$mil)

20 Finished Goods (\$mil)

21 Notes Receivable (\$mil)

22 Other Current Assets (\$mil)

23 Total Current Assets (\$mil)

##### Non-Current Assets

24 Property/Plant/Equipment (\$mil)

26 Net Property/Plant/Equipment (\$mil)

25 Accumulated Depreciation (\$mil)

27 Investments & Advances (\$mil)

29 Deferred Charges (\$mil)

30 Intangibles (\$mil)

28 Other Non-Current Assets (\$mil)

31 Other Assets (\$mil)

32 Total Assets (\$mil)

### Liabilities

#### Item # Name

##### Current Liabilities

33 Notes Payable (\$mil)

34 Accounts Payable (\$mil)

35 Current Long-Term Debt (\$mil)

36 Current Capital Leases (\$mil)

37 Accrued Expenses (\$mil)

38 Income Taxes Payable (\$mil)

39 Other Current Liabilities (\$mil)

40 Total Current Liabilities (\$mil)

##### Non-Current Liabilities

41 Mortgages (\$mil)

42 Deferred Charges (\$mil)

43 Convertible Debt (\$mil)

48 Minority Interest (\$mil)

44 Long-Term Debt (\$mil)

45 Non-Current Capital Leases (\$mil)

88 Total Long-Term Debt (\$mil)

46 Other Long-Term Liabilities (\$mil)

54 Other Liabilities (\$mil)

47 Total Liabilities (\$mil)

### Equities

#### Item # Name

##### Balance Sheet - Equities

49 Preferred Stock (\$mil)

50 Net Common Stock (\$mil)

51 Capital Surplus (\$mil)

52 Retained Earnings (\$mil)

53 Treasury Stock (\$mil)

89 Common Equity (\$mil)

55 Shareholders' Equity (\$mil)

56 Total Liabilities and Equity (\$mil)

## Summary of DBDQ Database Items *continued*

### Statement of Cash Flows - YTD

Item #	Name
103	YTD Net Income (\$mil)
104	YTD Depr/Amort (\$mil)
105	YTD Assets/Liabilities (\$mil)
106	YTD Cash from Discnt Oper (\$mil)
107	YTD Net Other Adjustments (\$mil)
108	YTD Net Cash from Oper Actv (\$mil)
109	YTD Property/Plant/Equipment (\$mil)
110	YTD Subsidiaries (\$mil)
111	YTD Investments (\$mil)
112	YTD Other Investing Activities
113	YTD Cash from Investing Activities
114	YTD Issuance of Equity Shares (\$mil)
115	YTD Issuance of Debt Securities (\$mil)
116	YTD Bank and Other Borrowings (\$mil)
117	YTD Dividends and Distributions (\$mil)
118	YTD Other Cash from Finan Actv (\$mil)
119	YTD Net Change from Fin Actv (\$mil)
120	YTD Exchange Rate Effect (\$mil)
121	YTD Net Change in Cash (\$mil)
122	YTD Beginning Cash (\$mil)
123	YTD Ending Cash (\$mil)

### Income Statement

#### Item # Name

Item #	Name
	<u>Income Statement</u>
57	Net Sales (\$mil)
58	Cost of Goods Sold (\$mil)
59	Gross Profit (\$mil)
60	Research & Development (\$mil)
61	Selling/General/Admin (\$mil)
91	Total Selling/General/Admin (\$mil)
62	Income before Depreciation (\$mil)
63	Depreciation (\$mil)
64	Non-Operating Income (\$mil)
65	Interest Expense (\$mil)
66	Pretax Income (\$mil)
67	Provision for Income Taxes (\$mil)
68	Minority Interest (\$mil)

Item #	Name
69	Investment Gain/Loss (\$mil)
70	Other Income (\$mil)
71	Income before Extraordinary Itms \$mil
92	Extraordinary Items (\$mil)
72	Extras & Disc Operations (\$mil)
90	Net Incm Available for Common (\$mil)
73	Net Income (\$mil)
74	Average Shares
75	US/Foreign Currency

### Restated Items

Item #	Name
	<u>Restated Items</u>
93	R-Sales (\$mil)
94	R-Incm bfr Extr Itms & Discnt Oper \$mil
95	R-Extr Itms & Discnt Oper (\$mil)
96	R-Net Income (\$mil)
97	R-Diluted EPS BNRI
99	R-Extraordinary Items (\$mil)
98	R-Diluted Net EPS
100	R-Discontinued Operations (\$mil)

## DBDQ Database Items: Zacks Fundamental Quarterly Database

Item #	Name	Freq	#Per	Split	FMT	Explanation
<b>GENERAL COMPANY INFORMATION</b>						
Item 1	<b>TICKER</b>	X	1	N	A10	Company ticker symbol
Item 2	<b>FYE MONTH</b>	X	1	N	I2	Fiscal year end month (1-12)
Item 3	<b>COMPANY</b>	X	1	N	A15	Company name
Item 4	<b>SPLIT FACT</b>	E	3	N	F8.3	Split adjustment factors for last three stock dividends or splits since Zacks began following the firm
Item 5	<b>S&amp;P 500</b>	X	1	N	I2	S&P 500 Membership and Industry Code (nnnn = member and industry code, 0 = nonmember of S&P 500).
Item 6	<b>INDUSTRY</b>	X	1	N	I2	Zacks Old Industry code
Item 7	<b>SECTOR</b>	X	1	N	I2	Zacks Old Sector code
Item 8	<b>EXCHANGE</b>	M	1	N	A3	Major stock exchange on which common stock is traded
Item 9	<b>CUSIP</b>	X	1	N	A9	9-character alphanumeric identifier assigned by the Committee on Uniform Security Identification Procedures as a means of identifying each issuer and issue of securities
Item 10	<b>SIC CODE</b>	M	1	N	I4	Four-digit Standard Industrial Classification Code indicating primary line of business in terms of net sales
Item 11	<b>INSIDR SHRS</b>	M	1	M	F9.3	Total number of shares of common stock held by officers and directors as a group (from proxy statement)
Item 12	<b>SHRHOLDERS</b>	M	1	N	F10.1	Number of shareholders of common stock (from Form 10-K)
Item 13	<b>EMPLOYEES</b>	M	1	N	F10.1	Number of employees (from Form 10-K)
<b>BALANCE SHEET - ASSETS</b>						
Item 14	<b>CASH</b>	F	24	N	F8.2	Cash (cash, demand deposits, letters of credit, etc.)
Item 15	<b>MKTABLE SEC</b>	F	24	N	F8.2	Marketable Securities (commercial paper, time deposits, etc.)
Item 16	<b>RECEIVABLE</b>	F	24	N	F8.2	Receivables
Item 17	<b>INVENTORY</b>	F	24	N	F8.2	Inventories
Item 18	<b>RAW MATRLS</b>	F	24	N	F8.2	Raw Materials (also included in Inventories)
Item 19	<b>WK IN PROG</b>	F	24	N	F8.2	Work in Progress (also included in Inventories)
Item 20	<b>FIN GOODS</b>	F	24	N	F8.2	Finished Goods (also included in Inventories)
Item 21	<b>NOTES RECV</b>	F	24	N	F8.2	Notes Receivable (may be included in Receivables)
Item 22	<b>OTH C ASST</b>	F	24	N	F8.2	Other Current Assets and Prepaid Expenses
Item 23	<b>CUR ASSETS</b>	F	24	N	F8.2	Total Current Assets
Item 24	<b>PP &amp; EQUIP</b>	F	24	N	F8.2	Property, Plant, & Equipment (Gross)
Item 25	<b>ACCUM DEPR</b>	F	24	N	F8.2	Accumulated Depreciation, Depletion, and Amortization
Item 26	<b>NET PP&amp;E</b>	F	24	N	F8.2	Property, Plant, & Equipment (Net)
Item 27	<b>INVS &amp; ADV</b>	F	24	N	F8.2	Investments and Advances to Subsidiaries
Item 28	<b>OTH NC AST</b>	F	24	N	F8.2	Other Non-Current Assets (e.g., long-term receivables)
Item 29	<b>DEFER CHRGS</b>	F	24	N	F8.2	Deferred Charges
Item 30	<b>INTANGIBLE</b>	F	24	N	F8.2	Intangibles (goodwill, patents, trademarks,
Item 31	<b>DP&amp;OTH AST</b>	F	24	N	F8.2	Deposits and Other Assets
Item 32	<b>TTL ASSETS</b>	F	24	N	F8.2	Total Assets
<b>BALANCE SHEET - LIABILITIES AND EQUITY</b>						
Item 33	<b>NOTES PAY</b>	F	24	N	F8.2	Notes Payable
Item 34	<b>ACCT PAY</b>	F	24	N	F8.2	Accounts Payable
Item 35	<b>CUR LTDEBT</b>	F	24	N	F8.2	Current Portion of Long-Term Debt
Item 36	<b>CUR CAP LS</b>	F	24	N	F8.2	Current Portion of Capital Leases
Item 37	<b>ACCRD EXP</b>	F	24	N	F8.2	Accrued Expenses (includes taxes payable other than income taxes)
Item 38	<b>INC TAXES</b>	F	24	N	F8.2	Income Taxes Payable
Item 39	<b>OTH C LIAB</b>	F	24	N	F8.2	Other Current Liabilities
Item 40	<b>TTL C LIAB</b>	F	24	N	F8.2	Total Current Liabilities

## DBDQ Database Items: Zacks Fundamental Quarterly Database *continued*

Item #	Name	Freq	#Per	Split	FMT	Explanation
Item 41	<b>MORTGAGES</b>	F	24	N	F8.2	Mortgages
Item 42	<b>DEF CHG/IN</b>	F	24	N	F8.2	Deferred Charges (Taxes/Income)
Item 43	<b>CONV DEBT</b>	F	24	N	F8.2	Convertible Debt (bonds and debentures)
Item 44	<b>LG TM DEBT</b>	F	24	N	F8.2	Long-Term Debt (excluding Mortgages and Convertible Debt)
Item 45	<b>NC CAP LS</b>	F	24	N	F8.2	Non-Current Capital Leases
Item 46	<b>OTH LT LIA</b>	F	24	N	F8.2	Other Long-Term Liabilities (including pension liabilities)
Item 47	<b>TTL LIABS</b>	F	24	N	F8.2	Total Liabilities
Item 48	<b>MIN IN(LI)</b>	F	24	N	F8.2	Minority Interest (liabilities)
Item 49	<b>PREF STOCK</b>	F	24	N	F8.2	Preferred Stock (includes convertible pfd. & preference stock, if any)
Item 50	<b>CM STK NET</b>	F	24	N	F8.2	Common Stock, net
Item 51	<b>CP SURPLUS</b>	F	24	N	F8.2	Capital Surplus and Additional Paid-In Capital
Item 52	<b>RET EARNNGS</b>	F	24	N	F8.2	Retained Earnings
Item 53	<b>TREAS STK</b>	F	24	N	F8.2	Treasury Stock
Item 54	<b>OTH LIABS</b>	F	24	N	F8.2	Other Liabilities
Item 55	<b>SHR EQUITY</b>	F	24	N	F8.2	Shareholders' Equity
Item 56	<b>TTL LIA&amp;EQ</b>	F	24	N	F8.2	Total Liabilities, Minority Interest (liabilities), and Shareholders' Equity

### INCOME STATEMENT

Item #	Name	Freq	#Per	Split	FMT	Explanation
Item 57	<b>NET SALES</b>	F	24	N	F8.2	Net Sales or Revenues
Item 58	<b>COGS</b>	F	24	N	F8.2	Cost of Goods Sold
Item 59	<b>GRS PROFIT</b>	F	24	N	F8.2	Gross Profit
Item 60	<b>R&amp;D EXPS</b>	F	24	N	F8.2	Research and Development Expenses
Item 61	<b>SG&amp;A EXP</b>	F	24	N	F8.2	Selling, General, and Administrative Expenses
Item 62	<b>INC BD&amp;A</b>	F	24	N	F8.2	Income before Depreciation, Depletion, and Amortization
Item 63	<b>DEPR&amp;AMORT</b>	F	24	N	F8.2	Depreciation, Depletion, and Amortization Expenses
Item 64	<b>NON-OP INC</b>	F	24	N	F8.2	Non-Operating Income/Expense
Item 65	<b>INT EXPS</b>	F	24	N	F8.2	Interest Expenses
Item 66	<b>PRETAX INC</b>	F	24	N	F8.2	Pretax Income
Item 67	<b>PRV IN TAX</b>	F	24	N	F8.2	Provision for Income Taxes
Item 68	<b>MIN INTRST</b>	F	24	N	F8.2	Minority Interest (income) in Unconsolidated Subsidiaries
Item 69	<b>INV GN/LS</b>	F	24	N	F8.2	Investment Gains (Losses)
Item 70	<b>OTH INCOME</b>	F	24	N	F8.2	Other Income (including equity earnings)
Item 71	<b>INC BEI&amp;DO</b>	F	24	N	F8.2	Income before Extraordinary Items and Discontinued
Item 72	<b>EXTRAS&amp;DO</b>	F	24	N	F8.2	Extraordinary Items and Discontinued Operations
Item 73	<b>NET INCOME</b>	F	24	N	F8.2	Net Income
Item 74	<b>AVG SHARES</b>	F	24	M	F9.3	Shares Outstanding used to calculate primary Earnings Per Share
Item 75	<b>US/FOREIGN</b>	M	1	N	I1	US/Foreign Currency field (0=foreign, 1=US\$)

### SUPPLEMENTARY EARNINGS AND DIVIDENDS INFORMATION

Item 76	<b>EPS-REPDTE</b>	F	24	N	A8	Report Date for Earnings per Share (yyyymmdd)
Item 77	<b>SHARES-OUT</b>	F	24	N	F8.2	Shares Outstanding
Item 78	<b>PREF-AC&amp;PD</b>	F	24	N	F8.2	Preferred Dividends accumulated and payable
Item 79	<b>DIV_PREF</b>	F	24	N	F8.2	Preferred Dividends paid
Item 80	<b>DIV_COMM</b>	F	24	N	F8.2	Common Dividends paid
Item 81	<b>NET EPS</b>	F	24	D	F8.2	Basic Net Earnings per Share
Item 82	<b>NET EPS D</b>	F	24	D	F8.2	Diluted Net Earnings per Share
Item 83	<b>EPS D BNRI</b>	F	24	D	F8.2	Diluted EPS before Non-Recurring Items
Item 84	<b>REAS-EXTRA</b>	F	24	N	A40	Text field for explanation of Extraordinary Item(s), if any

## DBDQ Database Items: Zacks Fundamental Quarterly Database *continued*

Item #	Name	Freq	#Per	Split	FMT	Explanation
Item 85	DV/SH_COMM	F	24	D	F8.2	Dividends per Share (Common)
Item 86	DISC-OPER	F	24	N	F8.2	Discontinued Operations
<b>SUPPLEMENTARY FINANCIAL STATEMENT INFORMATION</b>						
Item 87	CSH+MKT_SC	F	24	N	F8.2	Cash and Marketable Securities
Item 88	TTL_LT_DBT	F	24	N	F8.2	Total Long-Term Debt (Mortgages + Convertible Debt+Long-Term Debt+Noncurrent Capital Leases
Item 89	COM_EQUITY	F	24	N	F8.2	Common Equity
Item 90	NET_AV_COM	F	24	N	F8.2	Net Income Available for the Common
Item 91	TTL_SG&A_X	F	24	N	F8.2	Total Selling, General, and Administrative Expenses plus Research & Development Expenses
Item 92	EXTRAS	F	24	N	F8.2	Extraordinary Items
<b>RESTATED ITEMS</b>						
Item 93	R-SALES	F	24	N	F8.2	Net Sales or Revenues (restated)
Item 94	R-INC BEDO	F	24	N	F8.2	Income before Extraordinary Items and Discontinued Operations (restated)
Item 95	R-EXTRA&DO	F	24	N	F8.2	Extraordinary Items and Discontinued Operations
Item 96	R-NET INC	F	24	N	F8.2	Net Income (restated)
Item 97	R-EPS D BNRI	F	24	D	F8.2	Diluted EPS before Non-Recurring Items (restated)
Item 98	R-EPS D NET	F	24	D	F8.2	Diluted Net Earnings per Share (restated)
Item 99	R-EXTRAS	F	24	N	F8.2	Extraordinary Items (restated)
Item 100	R-DISC OPS	F	24	N	F8.2	Discontinued Operations (restated)
Item 101	X INDUSTRY	X	1	N	I3	Zacks Expanded Industry Classifications - 200+ codes
Item 102	X SECTOR	X	1	N	I2	Zacks Expanded Sector assignments.
<b>STATEMENT OF CASH FLOWS – YTD</b>						
Item 103	NET INC-CF	F	24	N	F8.2	Net Income (loss).
Item 104	DEP/AMR-CF	F	24	N	F8.2	Depreciation/Depletion/Amortization.
Item 105	AST/LBS-CF	F	24	N	F8.2	Net Increase (Decrease) in Operating Assets and Liabilities.
Item 106	DISC OP-CF	F	24	N	F8.2	Cash Provided by (Used in) Discontinued Operations.
Item 107	OTH ADJ-CF	F	24	N	F8.2	Other Adjustments (Net).
Item 108	CASH OP-CF	F	24	N	F8.2	Net Cash Provided by (Used in) Operating Activities.
Item 109	PP&E - CF	F	24	N	F8.2	(Increase) Decrease in Property/Plant/Equipment.
Item 110	SUBS – CF	F	24	N	F8.2	Acquisition/Disposition of Subsidiaries or Other Business
Item 111	INVEST -CF	F	24	N	F8.2	Increase (Decrease) in Investments.
Item 112	OTH INV-CF	F	24	N	F8.2	Other Cash Inflow (Outflow) from Investment Activities.
Item 113	CSH INV-CF	F	24	N	F8.2	Net Cash Provided by (Used in) Investment Activities.
Item 114	ISS EQU-CF	F	24	N	F8.2	Issuance (Purchases) of Equity Shares.
Item 115	ISS DBT-CF	F	24	N	F8.2	Issuance (Repayment) of Debt Securities.
Item 116	INC BNK-CF	F	24	N	F8.2	Increase (Decrease) in Bank and Other Borrowings.
Item 117	DIVIDS -CF	F	24	N	F8.2	Payment of Dividends and Other Cash Distributions.
Item 118	OTH FIN-CF	F	24	N	F8.2	Other Cash Inflows (Outflows) from Financing Activities.
Item 119	CSH FIN-CF	F	24	N	F8.2	Net Cash Provided by (Used in) Financing Activities.
Item 120	EXCH RT-CF	F	24	N	F8.2	Effect of Exchange Rate Changes on Cash.
Item 121	CHG CSH-CF	F	24	N	F8.2	Net Change in Cash and Cash Equivalents.
Item 122	CSH STR-CF	F	24	N	F8.2	Cash and Cash Equivalents at Beginning of Year.
Item 123	CSH END-CF	F	24	N	F8.2	Cash and Cash Equivalents at Year End.

## Summary of DBZHE Database Items

### Company Descriptive

Item #	Name
	<u>Company</u>
3	Company Name (15 characters)
1	Ticker
54	CUSIP
2	Fiscal Month End (mm)
	<u>Sector and Industry Codes</u>
61	Zacks Sector Codes (0-17)
60	Zacks Industry Codes (1-200+)
	<u>S&amp;P Membership</u>
55	S&P 500 Membership

### Size and Share Volume

Item #	Name
	<u>Company Size</u>
8	Shares Outstanding
9	Market Value
	<u>Share Volume</u>
56	Volume - monthly

### Price and Price Changes

Item #	Name
	<u>Price</u>
5	Monthly Price
	<u>Price Changes</u>
6	1 Month Holding Period Return (%)
7	Beta
4	Split Factor

### Ratings - Historical

Item #	Name
	<u>Ratings - Historical</u>
57	Average Broker Rating (1-5)
53	Indicator Rank

### EPS - Surprises and SUE

Item #	Name
	<u>Surprises</u>
23	EPS Surprise (%)
52	EPS used in Surprise (\$/share)
	<u>Standardized Unexpected Earnings</u>
19	SUE

### Estimate Revisions

Item #	Name
	<u>Estimate Revisions - Last 12 weeks</u>
26	% Change Q(1) Est. - 4 weeks
30	% Change Q(2) Est. - 4 weeks
34	% Change F(1) Est. - 4 weeks
35	% Change F(1) Est. - 12 weeks
41	% Change F(2) Est. - 4 weeks
42	% Change F(2) Est. - 12 weeks
	<u>Current Fiscal Year</u>
37	# Up F(1) Est. - Last 4 weeks
38	# Down F(1) Est. - Last 4 weeks
	<u>Next Fiscal Year</u>
44	# Up F(2) Est. - Last 4 weeks
45	# Down F(2) Est. - Last 4 weeks

### Growth - EPS Projected

Item #	Name
	<u>Trend</u>
46	Next 3-5 Years Est EPS Growth (%/yr)
47	Std Dev of LT EPS Growth Estimates
48	# of Analysts in Growth Consensus

### Growth - Historical

Item #	Name
	<u>Trend</u>
16	5 Year Growth (%)
17	Volatility: R-squared EPS Growth
18	12 month EPS Growth

### Ratios

Item #	Name
	<u>Dividend</u>
	<u>Dividend Ratio</u>
13	Dividend Yield
12	Indicated Annual Dividend
	<u>P/E</u>
	<u>P/E Ratios using EPS Actuals</u>
14	P/E using 12 month EPS
	<u>Return on Investment</u>
	<u>Return on Equity (ROE)</u>
50	ROE - Most Recent 12 month (%)
	<u>Return on Assets (ROA)</u>
51	ROA - Most Recent 12 month (%)
	<u>Valuation</u>
	<u>Price Fundamentals</u>
49	Price/Book (Common Equity)

## Summary of DBZHE Database Items *continued*

### EPS

Item # Name

#### Actual

#### Quarterly

15 EPS before NRI (\$/share)

#### Year To Date

58 12 month EPS Before NRI (\$/share)

#### Fiscal Year Estimates

#### Estimates for Current Fiscal Year

32 F(1) Consensus Estimate (\$/share)

33 F(1) Std Dev of Consensus

36 F(1) # Analysts in Consensus

#### Estimates for Next Fiscal Year

39 F(2) Consensus Estimate (\$/share)

40 F(2) Std Dev of Consensus

43 F(2) # Analysts in Consensus

#### Fiscal Quarter Estimates

#### Estimates for Last Fiscal Quarter

20 Q(0) Consensus Estimate (\$/share)

21 Q(0) Std Dev of Consensus

22 Q(0) # Analysts in Consensus

#### Estimates for Current Fiscal Quarter

24 Q(1) Consensus Estimate (\$/share)

25 Q(1) Std Dev of Consensus

27 Q(1) # Analysts in Consensus

#### Estimates for Next Fiscal Quarter

28 Q(2) Consensus Estimate (\$/share)

29 Q(2) Std Dev of Consensus

31 Q(2) # Analysts in Consensus

## DBZHE Database Items: Historical Database

Item #	Name	Freq	#Per	Split	FMT	Explanation
Item 1	<b>TICKER</b>	X	1	N	A10	Company ticker symbol
Item 2	<b>FYE MONTH</b>	X	1	N	I2	Fiscal year end month (1-12)
Item 3	<b>COMPANY</b>	X	1	N	A15	Company name
Item 4	<b>SPLIT FACT</b>	E	3	N	F8.3	Split adjustment factors for last three stock dividends or splits since Zacks began following the firm
Item 5	<b>PRICE</b>	M	144	D	F8.2	Month-end closing price
Item 6	<b>1M HPR</b>	M	144	N	F8.2	One month return due to price appreciation and dividends. Returns are forward looking; the value shown represents the return for the month following the value's date. Period 1, by definition will always be N/A.
Item 7	<b>BETA</b>	Q	48	N	F8.2	Stock returns volatility relative to the S&P 500 over the last 60 months (including dividends)
Item 8	<b>SHARES OUT</b>	F	48	M	F8.2	Number of common shares outstanding (in millions)
Item 9	<b>MKT VALUE</b>	Q	48	N	F8.2	Market value (market capitalization in millions)
Item 10	<b>INDUSTRY</b>	X	1	N	I2	Zacks Old Industry code
Item 11	<b>SECTOR</b>	X	1	N	I2	Zacks Old Sector code
Item 12	<b>IND AN DIV</b>	Q	48	D	F8.2	Indicated Annual Dividend (prior quarter's dividend X 4)
Item 13	<b>DIV YIELD%</b>	M	144	N	F8.2	Dividend yield, based on IND AN DIV and PRICE
Item 14	<b>P/E 12 MON</b>	M	144	N	F8.2	Price/Earnings ratio, based on 12-month Earnings per Share
Item 15	<b>ACT EPS Q</b>	F	48	D	F8.2	Actual Earnings per Share for the fiscal quarter
Item 16	<b>TREND EPGR</b>	F	28	N	F8.2	EPS Growth rate - the beta of an exponential time-series regression of the last 20 quarters of 12-month EPS
Item 17	<b>R2 EPS GR</b>	F	28	N	F8.2	R-squared value from the exponential time-series regression in TREND EPGR, Item 16
Item 18	<b>FORE 12EPS</b>	F	28	D	F8.2	Fitted value of 12 month EPS, calculated by using the alpha and beta from the exponential time-series regression in TREND EPGR, Item 16
Item 19	<b>S U E</b>	F	28	N	F8.2	Standardized Unexpected Earnings - a measure of the deviation of 12-month EPS from the trend EPS growth line, calculated as: $([12\text{-MONTH EPS} - \text{FORE 12EPS}] / \text{Std Error of FORE 12EPS})$
Item 20	<b>LAST EPSQ0</b>	F	28	D	F8.2	Mean EPS estimate for the completed fiscal quarter (Q0)
Item 21	<b>LAST SDVQ0</b>	F	28	D	F8.2	Standard deviation of LAST EPSQ0, Item 20
Item 22	<b>LAST #ANQ0</b>	F	28	N	I2	Number of Q0 estimates
Item 23	<b>Q EST SURP%</b>	F	28	N	F8.2	Earnings Surprise calculation of ACT EPSQ from LAST EPSQ, calculated as $([\text{ACT EPSQ} - \text{LAST EPSQ}] / \text{Absolute Value of LAST EPSQ}) \times 100$
Item 24	<b>EST EPS Q1</b>	M	84	D	F8.2	Mean EPS estimate for the current fiscal quarter (Q1) as of the month end
Item 25	<b>SDV EPS Q1</b>	M	84	D	F8.2	Standard deviation of EST EPS Q1, Item 24
Item 26	<b>%CH 1MN Q1</b>	M	84	N	F8.2	Percent change in the mean EPS estimate for the current fiscal quarter (Q1) in the last four weeks
Item 27	<b>#AN EPS Q1</b>	M	84	N	I2	Number of Q1 estimates
Item 28	<b>EST EPS Q2</b>	M	84	D	F8.2	Mean EPS estimate for the next fiscal quarter (Q2) as of the month end
Item 29	<b>SDV EPS Q2</b>	M	84	D	F8.2	Standard deviation of EST EPS Q2, Item 28
Item 30	<b>%CH 1MN Q2</b>	M	84	N	F8.2	Percent change in the mean EPS estimate for the next fiscal quarter (Q2) in the last four weeks
Item 31	<b>#AN EPS Q2</b>	M	84	N	I2	Number of Q2 estimates
Item 32	<b>EST EPS F1</b>	M	144	D	F8.2	Mean EPS estimate for current fiscal year (F1) as of month end
Item 33	<b>SDV EPS F1</b>	M	144	D	F8.2	Standard deviation of EST EPS F1, Item 32
Item 34	<b>%CH 1MN F1</b>	M	144	N	F8.2	Percent change in the mean EPS estimate for the current fiscal year (F1) in the last four weeks



## DBZHE Database Items: Historical Database *continued*

Item #	Name	Freq	#Per	Split	FMT	Explanation
Item 35	%CH 3MN F1	M	144	N	F8.2	Percent change in the mean EPS estimate for the current fiscal year (F1) in the last twelve weeks
Item 36	#AN EPS F1	M	144	N	I2	Number of F1 estimates
Item 37	#UP R1M F1	M	144	N	I2	Number of upward estimate revisions for EST EPS F1, Item 32, in the last four weeks
Item 38	#DN R1M F1	M	144	N	I2	Number of downward estimate revisions for EST EPS F1, Item 32, in the last four weeks
Item 39	EST EPS F2	M	144	D	F8.2	Mean EPS estimate for next fiscal year (F2) as of month end
Item 40	SDV EPS F2	M	144	D	F8.2	Standard deviation of EST EPS F2, Item 39
Item 41	%CH 1MN F2	M	144	N	F8.2	Percent change in the mean EPS estimate for the next fiscal year (F2) in the last four weeks
Item 42	%CH 3MN F2	M	144	N	F8.2	Percent change in the mean EPS estimate for the next fiscal year (F2) in the last twelve weeks
Item 43	#AN EPS F2	M	144	N	I2	Number of (F2) estimates
Item 44	#UP R1M F2	M	144	N	I2	Number of upward estimate revisions for EST EPS F2, Item 39, in the last four weeks
Item 45	#DN R1M F2	M	144	N	I2	Number of downward estimate revisions for EST EPS F2, Item 39, in the last four weeks
Item 46	EST EPS GR	M	144	N	F8.2	Mean estimate of long-term (3-5 year) EPS growth rate
Item 47	SDV EPS GR	M	144	N	F8.2	Standard deviation of EST EPS GR, Item 46
Item 48	#AN EPS GR	M	144	N	I2	Number of EPS growth rate estimates
Item 49	PRICE/BOOK	M	144	N	F8.2	Price/Book Value per Share ratio (Book Value is defined as reported Shareholders' Equity)
Item 50	ROE- 12M	F	48	N	F8.2	Return on Equity; 12-month EPS/Book Value per Share
Item 51	ROA- 12M	F	48	N	F8.2	Return on Assets; 12-month EPS/Total Assets per Share
Item 52	SURP EPS Q	F	48	D	F8.2	Earnings Per Share used in Surprise-Quarterly
Item 53	IND RANK	M	144	N	I2	Zacks Indicator Equity Selection Model composite rank (1-99). The best companies with the best predicted performance are ranked 1. The companies with the worst predicted performance are ranked 99. Ranks between 20 and 80 are considered neutral and should be ignored
Item 54	CUSIP	X	1	N	A9	Alphanumeric identifier assigned by the Committee on Uniform Security Identification Procedures, as a means of identifying each issuer and issue of securities
Item 55	S&P 500	M	144	N	I4	Historical S&P 500 Index membership (1 = in S&P 500 Index)
Item 56	VOLUME	M	144	M	F8.2	Historical monthly trading volume (total shares)
Item 57	AVG RATING	M	84	N	F8.2	Average analyst rating (1 = Strong Buy, 2 = Buy, 3 = Hold/Neutral, 4 = Sell, 5 = Strong Sell)
Item 58	ACT EPS 12	F	48	D	F8.2	12-month actual Earnings per Share
Item 60	X INDUSTRY	X	1	N	I3	Expanded Industry Classifications - 200+ codes
Item 61	X SECTOR	X	1	N	I2	Zacks Expanded Sector assignments

## DBWP Database Items: Zacks Weekly Price Database

Item #	Name	Freq	#Per	Split	FMT	Explanation
Item 1	<b>TICKER</b>	X	1	N	A10	Company ticker symbol
Item 2	<b>FYE MONTH</b>	X	1	N	I2	Fiscal year end month (1-12)
Item 3	<b>COMPANY</b>	X	1	N	A15	Company Name
Item 4	<b>SPLIT FACTOR</b>	E	3	N	F8.3	Split adjustment factors for last three stock splits or dividends since Zacks began following the firm
Item 5	<b>CUSIP</b>	X	1	N	A9	9-element alphanumeric code identifying security issue and issue.
Item 6	<b>PRICE</b>	W	270	D	F8.2	Week-end closing price
Item 7	<b>VOLUME/WEEK</b>	W	270	N	F8.2	Historical weekly trading volume (total shares)

## DBDP Database Items: Zacks Daily Price Database

Item #	Name	Freq	#Per	Split	FMT	Explanation
Item 1	<b>TICKER</b>	X	1	N	A10	Company ticker symbol
Item 2	<b>FYE MONTH</b>	X	1	N	I2	Fiscal year end month (1-12)
Item 3	<b>COMPANY</b>	X	1	N	A15	Company Name
Item 4	<b>SPLIT FACTOR</b>	E	3	N	F8.3	Split adjustment factors for last three stock splits or dividends since Zacks began following the firm
Item 5	<b>CUSIP</b>	X	1	N	A9	9-element alphanumeric code identifying security issue and issue.
Item 6	<b>PRICE</b>	D	560	D	F8.2	Daily closing price
Item 7	<b>VOLUME/DAY</b>	D	560	N	F8.2	Historical daily trading volume (in actual shares)

## ECON Database Items: Zacks Economic Database

Item #	Name	Freq	#Per	Split	FMT	Explanation
Item 1	<b>TICKER</b>	X	1	N	A10	The ECON database contains only the ticker symbol ECON
Item 2	<b>FYE MONTH</b>	X	1	N	I2	Fiscal year end month (12)
Item 3	<b>COMPANY</b>	X	1	N	A15	Company name (blank)
Item 4	<b>SPLIT FACT</b>	E	3	N	F8.3	Split adjustment factor field (only the most recent field contains a 1.00 split factor)
Item 5	<b>NULL</b>	M	144	N	F8.2	Blank item
Item 6	<b>RESERVED</b>	M	144	N	F8.2	Blank item for user-specified reserve account percentages
Item 7	<b>PRIME RATE</b>	M	144	N	F8.2	Average prime rate charged by banks
Item 8	<b>TBILL DISC</b>	M	144	N	F8.2	Discount rate on new issues of 91-day Treasury bills
Item 9	<b>TBOND YLD</b>	M	144	N	F8.2	Yield on Long-term Treasury Bonds
Item 10	<b>CORP YLD</b>	M	144	N	F8.2	Yield on New Issues of High-Grade Corporate Bonds
Item 11	<b>MUNI YLD</b>	M	144	N	F8.2	Yield on Municipal Bonds (20-bond average)
Item 12	<b>FHA YLD</b>	M	144	N	F8.2	Secondary Market Yield on FHA mortgages
Item 13	<b>FED FUNDS</b>	M	144	N	F8.2	Fed Funds rate (annualized)
Item 14	<b>T CONS CR</b>	M	181	N	F8.2	Total Consumer Credit Outstanding Seasonally Adjusted (Billions of Dollars)
Item 15	<b>M1</b>	M	181	N	F8.2	M1 Money Stock - Not Seasonally Adjusted
Item 16	<b>M2</b>	M	181	N	F8.2	M2 Money Stock - Not Seasonally Adjusted
Item 17	<b>M3</b>	M	181	N	F8.2	M3 Money Stock - Not Seasonally Adjusted
Item 18	<b>PERSON INC</b>	M	181	N	F8.2	Disposable Personal Income in Billions of Dollars
Item 19	<b>CPI-U</b>	M	181	N	F8.2	Consumer Price Index - All Urban Consumers Not Seasonally Adjusted
Item 20	<b>%CHG CPI-U</b>	M	181	N	F8.2	Percent Month-to-Month Change in CPI (Unadjusted)
Item 21	<b>PPI-FN GDS</b>	M	181	N	F8.2	Producer Price Index - Finished Goods Seasonally Adjusted Index)
Item 22	<b>HOUSE STRT</b>	M	181	N	F8.2	Total New Privately-Owned Housing Units Started - Thousands of Units
Item 23	<b>T CAP UTIL</b>	M	181	N	F8.2	Total Industry Capacity Utilization Rates; Percent of Capacity; Seasonally Adjusted
Item 24	<b>GDP</b>	Q	60	N	F8.2	Real Gross Domestic Product in chained 1996. Dollars Seasonally Adjusted at Annual Rates
Item 25	<b>GDP DEFLTR</b>	Q	60	N	F8.2	Gross Domestic Product Implicit Price Deflator (1996 = 100) Seasonally Adjusted
Item 26	<b>GNP REAL</b>	Q	60	N	F8.2	Real Gross National Product in chained 1996 dollars. Seasonally Adjusted at Annual Rates
Item 27	<b>GNP NOMINL</b>	Q	60	N	F8.2	Gross National Product in current dollars. Seasonally Adjusted at Annual Rates
Item 28	<b>UNEMP RATE</b>	M	181	N	F8.2	Unemployment Rate - Seasonally Adjusted

## XRATE Database Items: Zacks Foreign Exchange Rate Database

Item #	Name	Freq	# Per	Split	FMT	Explanation
Item 1	<b>TICKER</b>	X	1	N	A10	The XRATE database contains only the ticker symbol XRATE
Item 2	<b>FYE MONTH</b>	X	1	N	I2	Fiscal year-end month (12)
Item 3	<b>COMPANY</b>	X	1	N	A15	Company name (blank)
Item 4	<b>SPLIT FACT</b>	E	3	N	F8.3	Split adjustment factor field (only the most recent field contains a 1.00 split factor)
Item 5	<b>NULL</b>	M	144	N	F8.2	Blank item
Item 6	<b>AUSTRALN \$</b>	M	144	N	F8.2	Foreign Exchange Rate: Australian Dollar/US\$
Item 7	<b>AUSTRIA SH</b>	M	144	N	F8.2	Foreign Exchange Rate: Austrian Schilling/US\$
Item 8	<b>BRAZIL RL</b>	M	144	N	F8.2	Foreign Exchange Rate: Brazilian Real/US\$
Item 9	<b>BRITISH PD</b>	M	144	N	F8.2	Foreign Exchange Rate: UK Pound Sterling/US\$
Item 10	<b>CANADIAN \$</b>	M	144	N	F8.2	Foreign Exchange Rate: Canadian Dollar/US\$
Item 11	<b>DANISH KRN</b>	M	144	N	F8.2	Foreign Exchange Rate: Danish Krone/US\$
Item 12	<b>DUTCH GLDR</b>	M	144	N	F8.2	Foreign Exchange Rate: Dutch Guilder/US\$
Item 13	<b>GERMAN DMK</b>	M	144	N	F8.2	Foreign Exchange Rate: German Mark/US\$
Item 14	<b>FINLAND MK</b>	M	144	N	F8.2	Foreign Exchange Rate: Finnish Mark/US\$
Item 15	<b>FRENCH FRN</b>	M	144	N	F8.2	Foreign Exchange Rate: French Franc/US\$
Item 16	<b>HONGKONG \$</b>	M	144	N	F8.2	Foreign Exchange Rate: Hong Kong Dollar/US\$
Item 17	<b>IRISH PUNT</b>	M	144	N	F8.2	Foreign Exchange Rate: Irish Punt/US\$
Item 18	<b>ISRAEL SKL</b>	M	144	N	F8.2	Foreign Exchange Rate: Israeli Shekel/US\$
Item 19	<b>ITALIAN LR</b>	M	144	N	F8.2	Foreign Exchange Rate: Italian Lira/US\$
Item 20	<b>JAPAN YEN</b>	M	144	N	F8.2	Foreign Exchange Rate: Japanese Yen/US\$
Item 21	<b>MEXICO PES</b>	M	144	N	F8.2	Foreign Exchange Rate: Mexican Peso/US\$
Item 22	<b>NORWAY KRN</b>	M	144	N	F8.2	Foreign Exchange Rate: Norwegian Krone/US\$
Item 23	<b>PHILPN PES</b>	M	144	N	F8.2	Foreign Exchange Rate: Philippine Pesos/US\$
Item 24	<b>SINGAPOR \$</b>	M	144	N	F8.2	Foreign Exchange Rate: Singapore Dollar/US\$
Item 25	<b>SPAIN PSTA</b>	M	144	N	F8.2	Foreign Exchange Rate: Spanish Peseta/US\$
Item 26	<b>SWEDEN KRN</b>	M	144	N	F8.2	Foreign Exchange Rate: Swedish Krona/US\$
Item 27	<b>SWISS FRAN</b>	M	144	N	F8.2	Foreign Exchange Rate: Swiss Franc/US\$
Item 28	<b>TAIWAN \$</b>	M	144	N	F8.2	Foreign Exchange Rate: Taiwan Dollar/US\$
Item 29	<b>ARGEN PESO</b>	M	144	N	F8.2	Foreign Exchange Rate: Argentine Peso/US\$
Item 30	<b>BELGIAN FR</b>	M	144	N	F8.2	Foreign Exchange Rate: Belgian Franc/US\$
Item 31	<b>CHILE PESO</b>	M	144	N	F8.2	Foreign Exchange Rate: Chilean Peso/US\$
Item 32	<b>MALAY RING</b>	M	144	N	F8.2	Foreign Exchange Rate: Malaysian Ringgit/US\$
Item 33	<b>NEW ZLAND\$</b>	M	144	N	F8.2	Foreign Exchange Rate: New Zealand Dollar/US\$
Item 34	<b>PORT ESCUD</b>	M	144	N	F8.2	Foreign Exchange Rate: Portuguese Escudo/US\$
Item 35	<b>SO AF RAND</b>	M	144	N	F8.2	Foreign Exchange Rate: South African Rand/US\$
Item 36	<b>VENEZ BOL</b>	M	144	N	F8.2	Foreign Exchange Rate: Venezuelan Bolivar/US\$
Item 37	<b>BAHRAIN DI</b>	M	144	N	F8.2	Foreign Exchange Rate: Bahrain Dinar/US\$
Item 38	<b>CZECH KRN</b>	M	144	N	F8.2	Foreign Exchange Rate: Czech Koruna/US\$
Item 39	<b>CHINA REN</b>	M	144	N	F8.2	Foreign Exchange Rate: Chinese Yuan/US\$
Item 40	<b>COLUMB PES</b>	M	144	N	F8.2	Foreign Exchange Rate: Colombian Peso/US\$
Item 41	<b>ECUADOR SU</b>	M	144	N	F8.2	Foreign Exchange Rate: Ecuadorian Sucre/US\$
Item 42	<b>GREECE DRA</b>	M	144	N	F8.2	Foreign Exchange Rate: Greek Drachma/US\$
Item 43	<b>HUNGARY FO</b>	M	144	N	F8.2	Foreign Exchange Rate: Hungarian Forint/US\$
Item 44	<b>INDIA RUP</b>	M	144	N	F8.2	Foreign Exchange Rate: Indian Rupee/US\$
Item 45	<b>INDON RUPI</b>	M	144	N	F8.2	Foreign Exchange Rate: Indonesian Rupiah/US\$

## XRATE Database Items: Zacks Foreign Exchange Rate Database *continued*

Item #	Name	Freq	# Per	Split	FMT	Explanation
Item 46	<b>JORDAN DIN</b>	M	144	N	F8.2	Foreign Exchange Rate: Jordanian Dinar/US\$
Item 47	<b>KUWAIT DIN</b>	M	144	N	F8.2	Foreign Exchange Rate: Kuwaiti Dinar/US\$
Item 48	<b>LEBANON PD</b>	M	144	N	F8.2	Foreign Exchange Rate: Lebanese Pound/US\$
Item 49	<b>MALTA LR</b>	M	144	N	F8.2	Foreign Exchange Rate: Maltese Lira/US\$
Item 50	<b>PAKISTN RU</b>	M	144	N	F8.2	Foreign Exchange Rate: Pakistani Rupee/US\$
Item 51	<b>PERU N SOL</b>	M	144	N	F8.2	Foreign Exchange Rate: Peruvian New Sol/US\$
Item 52	<b>SAUDI AR R</b>	M	144	N	F8.2	Foreign Exchange Rate: Saudi Riyal/US\$
Item 53	<b>SLOVAK KR</b>	M	144	N	F8.2	Foreign Exchange Rate: Slovak Koruna/US\$
Item 54	<b>S KOREA WN</b>	M	144	N	F8.2	Foreign Exchange Rate: South Korean Won/US\$
Item 55	<b>THAILND BT</b>	M	144	N	F8.2	Foreign Exchange Rate: Thai Baht/US\$
Item 56	<b>TURKEY LR</b>	M	144	N	F8.2	Foreign Exchange Rate: Turkish Lira/US\$
Item 57	<b>UN ARAB DR</b>	M	144	N	F8.2	Foreign Exchange Rate: UAE Dirham/US\$
Item 58	<b>URUGUY PES</b>	M	144	N	F8.2	Foreign Exchange Rate: Uruguayan Peso Uruguayo/US\$
Item 59	<b>RUSSIA RUB</b>	M	144	N	F8.2	Foreign Exchange Rate: Russian Rouble/US\$
Item 60	<b>EURR CURR</b>	M	144	N	F8.2	Foreign Exchange Rate: EURO/US\$

## Summary of ZBT\_PRI/ZBT\_Sec Database Items

### Company Descriptive

#### Item # Name

##### Company

3	Company Name
1	Ticker
2	Fiscal Month End (mm)
5	CUSIP
6	GLOBAL Vantage Key

##### Issue Information

500	Exchange Traded
501	Exchange Ticker
502	Zacks Master Symbol
503	COM/ADR/Canadian
504	Currency
18	Active or Research
19	Primary or Secondary Issue

##### Industry Membership

20	Zacks Sector Code (0-17)
22	Zacks Industry Code (1-200+)
21	Zacks Medium Industry Codes (60)
23	S&P 500 Membership

### Size and Share Volume

#### Item # Name

##### Company Size

11	Shares Outstanding (mil)
12	Market Value (\$mil)

##### Share Volume

10	Monthly Share Volume
----	----------------------

### Price and Returns

#### Item # Name

##### Price

7	Month-end Price
16	Beta (60 months)
4	Split Factor (e.g 2.00 = 2:1)
9	Cumulative Split Adjustment Factor

##### Returns

8	Holding Period Return (1 Month)
---	---------------------------------

##### Dividends

13	Dividend (1 Month)
14	Indicated Annual Dividend
15	Dividend Yield (%)

### Ratings - Historical

#### Item # Name

##### Ratings - Historical

68	Average Broker Rating (1-5)
70	Zacks Indicator Model Raw Score
69	Zacks Indicator Model Compst Score

### EPS - Surprises and SUE

#### Item # Name

##### Surprise and SUE

32	EPS Surprises (%)
28	Actual EPS used in Surprise (\$/sh)
	<b><u>Standardized Unexpected Earnings</u></b>
36	SUE

### Estimate Revisions

#### Item # Name

##### Estimate Revisions - Last 12 weeks

39	% Change Q(1) Est. - 4 weeks
43	% Change Q(2) Est. - 4 weeks
49	% Change F(1) Est. - 4 weeks
50	% Change F(1) Est. - 12 weeks
57	% Change F(2) Est. - 4 weeks
58	% Change F(2) Est. - 12 weeks

##### Current Fiscal Year

51	# Up F(1) Est. - Last 4 weeks
52	# Down F(1) Est. - Last 4 weeks

##### Next Fiscal Year

59	# Up F(2) Est. - Last 4 weeks
60	# Down F(2) Est. - Last 4 weeks

### Growth - EPS Projected

#### Item # Name

##### Trend

61	Next 3-5 Years Est EPS Gr (%/yr) - Mean
62	Next 3-5 Years Est EPS Gr (%/yr) - Median
63	Std Dev of LT EPS Growth Estimates
64	# Analysts in Growth Consensus

### Growth - EPS Historical

#### Item # Name

##### Trend

33	5 Year Historical EPS Growth (%)
34	R-squared Historical EPS Growth
35	12 Month EPS Growth

### Ratios - Return on Investment

#### Item # Name

##### Return on Investment

71	ROE - Most Recent 12 month (%)
72	ROA - Most Recent 12 month (%)

### Ratios - Valuation

#### Item # Name

##### Price/Fundamentals

73	Price/Book
----	------------

## Summary of ZBT\_PRI/ZBT\_Sec Database Items *continued*

### Financial Statement Items

Item #	Name
	<u>Financial Statement Items (Annual)</u>
75	Total Current Assets (\$mil)
76	Total Assets (\$mil)
77	Total Long-Term Debt (\$mil)
78	Total Liabilities (\$mil)
79	Preferred Stock (\$mil)
80	Common Equity (\$mil)
81	Net Sales (\$mil)
82	IncM before Ex Items & Disc Ops (\$mil)
83	Net Income (\$mil)
84	Depreciation and Amort - CF (\$mil)

### EPS - Actual

Item #	Name
	<u>Quarterly</u>
24	EPS Before NRI (\$/share) - Quarterly
	<u>12 Month Trailing</u>
25	12 Month EPS Before NRI (\$/share)
	<u>EPS Report Dates</u>
26	Next EPS Report Date (yyyymmdd)

### EPS - Fiscal Year Estimates

Item #	Name
	<u>Estimates For Last Fiscal Year</u>
65	F(0) Consensus Estimate (\$/share)
66	F(0) Std Dev of Consensus
67	F(0) # Analysts in Consensus

### Estimates for Current Fiscal Year

45	F(1) Consensus Estimate (\$/share)
46	F(1) Median Estimate (\$/share)
47	F(1) Std Dev of Consensus
48	F(1) # Analysts in Consensus

### Estimates for Next Fiscal Year

53	F(2) Consensus Estimate (\$/share)
54	F(2) Median Estimate (\$/share)
55	F(2) Std Dev of Consensus
56	F(2) # Analysts in Consensus

### EPS - Fiscal Quarter Estimates

Item #	Name
	<u>Estimates for Last Fiscal Quarter</u>
29	Q(0) Consensus Estimate (\$/share)
30	Q(0) Std Dev of Consensus
31	Q(0) # Analysts in Consensus
	<u>Estimates for Current Fiscal Quarter</u>
37	Q(1) Consensus Estimate (\$/share)
38	Q(1) Std Dev of Consensus
40	Q(1) # Analysts in Consensus
	<u>Estimates for Next Fiscal Quarter</u>
41	Q(2) Consensus Estimate (\$/share)
42	Q(2) Std Dev of Consensus
44	Q(2) # Analysts in Consensus
	<u>Estimates for Third Fiscal Quarter</u>
85	Q(3) Consensus Estimate (\$/share)
86	Q(3) # Analysts in Consensus
	<u>Estimates for Fourth Fiscal Quarter</u>
87	Q(4) Consensus Estimates (\$/share)
88	Q(4) # Analysts in Consensus

## ZBT\_PRI / ZBT\_SEC Database Items: Zacks Backtesting Databases

Item #	Name	Freq	# Per	Split	FMT	Explanation
1	<b>TICKER</b>	X	1	N	A10	Same as exchange ticker for active stocks
2	<b>FYE MONTH</b>	X	1	N	I2	Fiscal year end month (1-12)
3	<b>COMPANY</b>	X	1	N	A15	Company name
4	<b>SPLIT FACT</b>	E	3	N	F8.3	Split adjustment factors for last three stock dividends or splits since Zacks began following the firm
5	<b>CUSIP</b>	X	1	N	A9	Alphanumeric identifier assigned by the Committee on Uniform Security Identification Procedures, as a means of identifying each issuer and issue of securities
6	<b>GLBL V KEY</b>	X	1	N	A6	GLOBAL Vantage Key
7	<b>PRICE</b>	M	181	D	F8.2	Month-end closing price
8	<b>1M HPR</b>	M	181	N	F8.2	One month return due to price appreciation and dividends including the value of non-cash distributions. Returns are forward looking; the value shown represents the return for the month following the value's date. Period 1 by definition will always be N/A
9	<b>MCUM AF-XD</b>	M	180	M	F8.3	Cumulative Split Adjustment Factor with the value of 1.0 for the most recent period
10	<b>VOLUME</b>	M	181	M	F8.2	Historical monthly trading volume (thousands of shares)
11	<b>SHARES OUT</b>	F	62	M	F8.2	Number of common shares outstanding (in millions)
12	<b>MKT VALUE</b>	Q	61	N	F8.2	Market value (market capitalization in millions)
13	<b>DIVDND 1M</b>	M	120	D	F5.2	Dividend per share in the month it went ex dividend otherwise 0. Non cash distributions are valued and included on ex date
14	<b>IND AN DIV</b>	Q	48	D	F8.2	Indicated Annual Dividend (prior quarter's dividend X 4)
15	<b>DIV YIELD%</b>	M	144	N	F8.2	Dividend yield, based on Indicated Annual Dividend and Price
16	<b>BETA</b>	Q	61	N	F8.2	Stock returns volatility relative to the S&P 500 over the last 60 months (including dividends)
17	<b>ISSUE INFO</b>	X	5	N	A6	Issue Information <b>Period 1</b> - 4 character Exchange code <b>Period 2</b> - Exchange ticker <b>Period 3</b> - Zacks Master symbol <b>Period 4</b> - One of three values: COM - Common stocks ADR - ADRs CDN - Canadian stocks <b>Period 5</b> - Currency Code
18	<b>ACTIVE/NOT</b>	X	1	N	I1	Active or Not (1=Active, 0=Research)
19	<b>PRI/SEC ST</b>	X	1	N	I2	Identifies Secondary Classes of common stock (1=Pri, 2=Sec)
20	<b>X SECTOR</b>	X	1	N	I2	Zacks Expanded Sector assignments
21	<b>M INDUSTRY</b>	X	1	N	I2	60 Industries composed of groups of Zacks X Industries
22	<b>X INDUSTRY</b>	X	1	N	I3	Zacks Expanded Industry Classifications - 200+ codes
23	<b>S&amp;P 500</b>	M	181	N	I4	Historical S&P 500 Index Membership (1 = in the S&P 500 Index)
24	<b>ACT EPS Q</b>	F	62	D	F8.2	Actual Earnings Per Share for the fiscal quarter
25	<b>ACT EPS 12</b>	F	62	D	F8.2	12 Month actual Earnings per Share
26	<b>EPS REPDTE</b>	F	48	N	A6	EPS report date (yyyymmdd)
27	<b>RESERVED 2</b>	F	1	D	F8.2	Reserved for Unrestated Earnings Per Share - Quarterly
28	<b>SURP EPS Q</b>	F	49	D	F8.2	Earnings Per Share used in Surprise - Quarterly
29	<b>LAST EPSQ0</b>	F	49	D	F8.2	Mean EPS estimate for the completed fiscal quarter (Q0) as of report date
30	<b>LAST SDVQ0</b>	F	49	D	F8.2	Standard deviation of Last Earnings Per Share (Q0), Item 29
31	<b>LAST #ANQ0</b>	F	49	N	I2	Number of Q0 estimates



## ZBT\_PRI / ZBT\_SEC Database Items: Zacks Backtesting Databases continued

Item #	Name	Freq	# Per	Split	FMT	Explanation
32	<b>Q EST SURP</b>	F	49	N	F8.2	Quarterly Estimate Surprise- a measure of the deviation of ACT EPS Q from LAST EPSQ0, calculated as $([ACT\ EPSQ-LAST\ EPSQ0]) / \text{Absolute Value of LAST EPSQ0}$ x 100
33	<b>TREND EPGR</b>	F	48	N	F8.2	EPS Growth rate - the beta of an exponential time-series regression of the last 20 quarters of 12-month EPS
34	<b>R2 EPS GR</b>	F	48	N	F8.2	R-squared value from the exponential time-Series regression in TREND EPGR, Item 33
35	<b>FORE 12EPS</b>	F	48	D	F8.2	Fitted value of 12 Month EPS, calculated by using the alpha and beta from the exponential time-series regression in TREND EPGR, Item 33
36	<b>S U E</b>	F	48	N	F8.2	Standardized Unexpected Earnings - a measure of the deviation of 12-month EPS from the trend EPS growth line, calculated as $([12\text{-Month EPS} - \text{FORE 12EPS}] / \text{Std Error of FORE 12 EPS})$
37	<b>EST EPS Q1</b>	M	145	D	F8.2	Mean EPS estimate for the current fiscal quarter (Q1) as of the Month end
38	<b>SDV EPS Q1</b>	M	145	D	F8.2	Standard deviation of EST EPS Q1, Item 37
39	<b>%CH 1MN Q1</b>	M	145	N	F8.2	Percent change in the Mean EPS Estimate for the current fiscal quarter (Q1) in the last four weeks
40	<b>#AN EPS Q1</b>	M	145	N	I2	Number of Q1 estimates
41	<b>EST EPS Q2</b>	M	145	D	F8.2	Mean EPS estimate for the next fiscal quarter (Q2) as of the month end
42	<b>SDV EPS Q2</b>	M	145	D	F8.2	Standard deviation of EST EPS Q2, Item 41
43	<b>%CH 1MN Q2</b>	M	145	N	F8.2	Percent change in the mean EPS estimate for the next fiscal quarter (Q2) in the last four weeks
44	<b>#AN EPS Q2</b>	M	145	N	I2	Number of Q2 estimates
45	<b>EST EPS F1</b>	M	181	D	F8.2	Mean EPS estimate for current fiscal year (F1) as of month end
46	<b>MED EPS F1</b>	M	181	D	F8.2	Median EPS estimate for current fiscal year (F1)
47	<b>SDV EPS F1</b>	M	181	D	F8.2	Standard deviation of EST EPS F1, Item 45
48	<b>#AN EPS F1</b>	M	181	N	I2	Number of F1 estimates
49	<b>%CH 1MN F1</b>	M	181	N	F8.2	Percent change in the mean EPS estimate for the current fiscal year (F1) in the last four weeks
50	<b>%CH 3MN F1</b>	M	181	N	F8.2	Percent change in the mean EPS estimate for the current fiscal year (F1) in the last 12 weeks
51	<b>#UP R1M F1</b>	M	181	N	I2	Number of upward estimate revisions for EST EPS F1, Item 45, in the last four weeks
52	<b>#DN R1M F1</b>	M	181	N	I2	Number of downward estimate revisions for EST EPS F1, Item 45, in the last four weeks
53	<b>EST EPS F2</b>	M	181	D	F8.2	Mean EPS estimate for next fiscal year (F2) as of month end
54	<b>MED EPS F2</b>	M	181	D	F8.2	Median EPS Estimate for next fiscal year (F2)
55	<b>SDV EPS F2</b>	M	181	D	F8.2	Standard deviation of EST EPS F2, Item 53
56	<b>#AN EPS F2</b>	M	181	N	I2	Number of F2 estimates
57	<b>%CH 1MN F2</b>	M	181	N	F8.2	Percent change in the mean EPS estimate for the next fiscal year (F2) in the last four weeks
58	<b>%CH 3MN F2</b>	M	181	N	F8.2	Percent change in the mean EPS estimate for the next fiscal year (F2) in the last 12 weeks
59	<b>#UP R1M F2</b>	M	181	N	I2	Number of upward estimate revisions for EST EPS F2, Item 53, in the last 4 weeks
60	<b>#DN R1M F2</b>	M	181	N	I2	Number of downward estimate revisions for EST EPS F2, item 53, in the last 4 weeks
61	<b>EST EPS GR</b>	M	181	N	F8.2	Mean estimate of long-term (3-5 year) EPS growth rate
62	<b>MED EPS GR</b>	M	181	N	F8.2	Median EPS long term growth (3-5 year) estimate
63	<b>SDV EPS GR</b>	M	181	N	F8.2	Standard deviation of EST EPS GR, Item 61
64	<b>#AN EPS GR</b>	M	181	N	I2	Number of EPS growth rate estimates

## ZBT\_PRI / ZBT\_SEC Database Items: Zacks Backtesting Databases *continued*

Item #	Name	Freq	# Per	Split	FMT	Explanation
65	EST EPS F0	Y	16	D	F8.2	Consensus EPS estimate for the completed fiscal year, as of the date actual earnings were reported
66	SDV EPS F0	Y	16	D	F8.2	Standard deviation of mean estimate for the completed fiscal year
67	#AN EPS F0	Y	16	N	I2	Number of F0 estimates
68	AVG RATING	M	145	N	F8.2	Average analyst rating 1-5 (1= Strong Buy, 2=Buy, 3= Hold, 4=Sell, 5= Strong Sell)
69	IND RANK	M	181	N	I2	Zacks Indicator Equity Selection Model Composite Rank
70	IND RAW SC	M	181	N	F3.1	Zacks Indicator Equity Selection Model Raw Score
71	ROE- 12M	F	48	N	F8.2	Return on Equity; 12 month EPS/Book Value per Share
72	ROA- 12M	F	48	N	F8.2	Return on Assets; 12 Month EPS/Total Assets per Share
73	PRICE/BOOK	M	145	N	F8.2	Price/Book Value per Share ratio (Book Value is defined as reported Shareholders' Equity)
74	RESERVED 3					

*(Items from 75 to 84 are for ZBT\_PRI only; the corresponding items are reserved in ZBT\_SEC)*

75	CUR ASSETS	Y	15	N	F8.2	Total Current Assets
76	TTL ASSETS	Y	15	N	F8.2	Total Assets
77	TTL LT DBT	Y	15	N	F8.2	Total Long-Term Debt
78	TTL LIABS	Y	15	N	F8.2	Total Liabilities
79	PREF STOCK	Y	15	N	F8.2	Preferred Stock
80	COMEQUITY	Y	15	N	F8.2	Common Equity
81	NET SALES	Y	15	N	F8.2	Net Sales or Revenues
82	INC BEI&DO	Y	15	N	F8.2	Income before Extraordinary Items and Discontinued Operations
83	NET INCOME	Y	15	N	F8.2	Net Income
84	DEP/AMR-CF	Y	15	N	F8.2	Depreciation, Depletion and Amortization Expenses (from cash Flow statement)
85	EST EPS Q3	M	145	D	F8.2	Mean EPS estimate for Q(3) as of the month end
86	#AN EPS Q3	M	145	N	I2	Number of Q(3) estimates
87	EST EPS Q4	M	145	D	F8.2	Mean EPS estimate for Q(4)
88	#AN EPS Q4	M	145	N	I2	Number of Q(4) estimates

### List of ZBT\_PRI/ZBT\_SEC Virtual Items

<u>Item</u>	<u>Item#</u>	<u>Explanation</u>
Item	500	Identifies the exchange where stock is traded
Item	501	Exchange Ticker
Item	502	Zacks Master Symbol
Item	503	COM = Common Stock; ADR = American Depository Receipt; CDN = Canadian
Item	504	Country of origin currency code. All data is reported in USD\$

## DBZI Database Items: Zacks Indicator Database

Item #	Name	Freq	#Per	Split	FMT	Explanation
Item 1	<b>TICKER</b>	X	1	N	A10	Company ticker symbol
Item 2	<b>FYE MONTH</b>	X	1	N	I2	Fiscal year end month (1-12)
Item 3	<b>COMPANY</b>	X	1	N	A15	Company name
Item 4	<b>SPLIT FACT</b>	E	3	N	F8.3	Split adjustment factors for last three stock dividends or splits since Zacks began following the firm
Item 5	<b>#ANALYSTS</b>	W	1	N	I2	Number of brokers following the company. The range of this item is 1 to 9; with the latter signifying 9 or more brokers. Note that the number of brokers is not a factor in the Indicator model
Item 6	<b>AGREE LETR</b>	W	1	N	A1	Agreement: The extent to which analysts have been revising their estimates in the same direction over the past 60 days A: All revisions were positive B: At least 80% of the revisions were positive C: No trend D: At least 80% of the revisions were negative E: All revisions were negative N: No estimate revision was made during the past 60 days
Item 7	<b>MAGNITUDE</b>	W	1	N	I1	Magnitude: The % Change in the mean EPS estimate over past 60 days. Changes in both the current and next fiscal year estimates are considered; with each weighted based on the time remaining in the fiscal year. This weighting is adjusted daily. Assigned values of 1 to 4 are positive (indicated increase); values from 6 to 9 are negative (indicated decrease); 5 is neutral
Item 8	<b>SURPRISE</b>	W	1	N	I1	Surprise: The extent to which the last reported quarterly EPS deviated from the analysts' mean estimate of that quarter's EPS. Score ranges from 1 to 9. Values from 1 to 4 indicate a positive surprise, values from 6 to 9 indicate negative surprise, and a value of 5 is neutral
Item 9	<b>UPSIDE</b>	W	1	N	I1	Upside Potential: The extent to which the most recent estimates differ from the consensus. Score ranges from 1 to 9. Values from 1 to 4 are positive, values from 6 to 9 are negative, and a value of 5 is neutral
Item 10	<b>COMPOSITE</b>	W	1	N	I2	Indicator rank (1-99) of the Raw Score. The Raw score is ranked into 99 uniform groups to create a composite. The companies that appear most attractive are ranked 1. The companies with the worst predicted performance are ranked 99. Ranks between 20 and 80 are considered neutral and should be ignored
Item 11	<b>CUSIP</b>	X	1	N	A9	9-element alphanumeric identifier assigned by the Committee on Uniform Security Identification Procedures, as a means of identifying each issuer and issue of securities
Item 12	<b>RAW SCORE</b>	W	1	N	F3.1	Raw Score: the weighted average of the Agreement, Magnitude, Surprise and Upside Scores
Item 13	<b>1M HPR</b>	M	2	N	F8.2	One month return due to price appreciation and dividends. Returns are forward looking; the value shown represents the return for the month following the value's date. Period 1, by definition will always be N/A



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