

COMPUSTAT Character ASCII File Formats

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Industrial Files

Several COMPUSTAT files are available in both annual and quarterly formats. The industrial annual formats offer both historical and restated data. The industrial quarterly formats offer restated data *as reported* by the company. The restated data allows analysts to compare current and prior years' results on a comparable basis and determine financial trends and growth rates. For most companies, annual and quarterly data is available for a maximum of 20 years and 48 quarters. The industrial files include the following:

Active Files	The <i>Primary, Supplementary, Tertiary File</i> contains the largest companies on the New York and American Stock Exchanges, including all companies comprising the S&P Industrial Index, and companies listed on major exchanges. The <i>Full Coverage File</i> contains NASDAQ National Market System companies, companies listed on regional exchanges, publicly held companies trading common stock, and wholly owned subsidiaries trading preferred stock or debt.
Canadian Files	The <i>Canadian File</i> contains more than 900 major Canadian industrial companies that report in Canadian currency.
Research Files	The <i>Industrial Research File</i> contains companies that have been deleted from the Primary, Supplementary, Tertiary, Over-the-Counter, and Full Coverage files due to bankruptcy, acquisition or merger, leveraged buyout, or because they became private companies.
Back Data Files	Industrial files are also available for back periods. Annual back data is displayed from 1950 up to the current 20 year period. Quarterly back data is displayed from 1962 up to the current 48 quarter period.

Record Control Information

Annual

The Character ASCII format requires eight records per company to present 350 data items for 20 years.

Record	Data Item Numbers	Years
1	1 - 175	earliest five years
2	1 - 175	succeeding five years
3	1 - 175	succeeding five years
4	1 - 175	most current five years
5	176 - 350	earliest five years
6	176 - 350	succeeding five years
7	176 - 350	succeeding five years
8	176 - 350	most current five years

There is no special block or record control words. Each physical and logical record is 8,332 characters.

The DCB may be written:
DCB=(RECFM=F,LRECL=8332,BLKSIZE=8332),LABEL=(,NL)

Quarterly

The Character ASCII format requires 12 records per company to present 232 data items for 48 quarters. Each record contains data items #1 through #232 for each of four quarters. There are three records per block.

There is no special block or record control words. Each physical and logical record is 9,184 characters.

The DCB may be written:
DCB=(RECFM=F,BLRECL=9184, BLKSIZE=27552), LABEL=(,NL)

Header Record

The header record format is identical to that of the company records. It is always the first record on the file and is identified by zeros in the CNUM field. This information is provided in the DATA field of the header record. Header records may contain default data. Quarterly header records have header record information in the first record only. The remaining two records will have default data.

Record Format

The next pages provide the technical specifications for header records and the complete industrial record formats for the Annual and Quarterly files.

Default Data

Header and Trailer Records may contain Default Data. For Floating Point fields, the default is 0 or NA for data slots. For Character fields, the default is Character Blanks or zeros. For Integer fields, the default is 0.

Industrial Annual File Header Record

Header Information	Code	Description	Beginning Character	Number of Characters	Cumulative Characters
Blank		Blank	1	442	442
Header Record File Identification Code	35	Primary-Supplementary-Tertiary	443	2	444
	37	Full-Coverage			
	23	Canadian (\$CAN)			
Cutoff Date – Month	01 – 12	Month of year	445	2	446
Cutoff Date – Day	01 – 31	Day of month	447	2	448
Cutoff Date – Year	2-digit expression	Last two digits of year	449	2	450
Creation Date – Month	01 – 12	Month of year	451	2	452
Creation Date – Day	01 – 31	Day of month	453	2	454
Creation Date – Year	2-digit expression	Last two digits of year	455	2	456
Blank		Blank	457	4	460
Number of Companies	5-digit expression	00000 – 65535	461	5	465
Previous Creation Date – Month	01 – 12	Month of year	466	2	467
Previous Creation Date – Day	01 – 31	Day of month	468	2	469
Previous Creation Date – Year	2-digit expression	Last two digits of year	470	2	471
Blank		Blank	472	17	488
Cutoff Date – Month	01-12	Month of year	489	2	490
Cutoff Date – Day	01-31	Day of month	491	2	492
Cutoff Date – Year	4-digit expression	4-Digit Year	493	4	496
Creation Date – Month	01-12	Month of year	497	2	498
Creation Date – Day	01-31	Day of month	499	2	500
Creation Date – Year	4-digit expression	4-Digit Year	501	4	504
Previous Creation Date – Month	01-12	Month of year	505	2	506
Previous Creation Date – Day	01-31	Day of month	507	2	508
Previous Creation Date – Year	4-digit expression	4-Digit Year	509	4	512
Blank		Blank	513	7820	8332

Industrial Annual File Company Record – Records 1 - 4

Description	Mnemonic	Type of Data	Beginning Character	Number of Characters	Cumulative Characters
Industry Classification Code	DNUM	Integer	1	4	4
CUSIP Issuer Code	CNUM	Character	5	6	10
CUSIP Issue Number and Check Digit	CIC	Integer	11	3	13
Record Number	REC	Integer	14	1	14
File Identification Code	FILE	Integer	15	2	16
Exchange Listing and S&P Major Index Code	ZLIST	Integer	17	2	18
Company Name (Records 1 and 3) Industry Name (Records 2 and 4)	CONAME INAME	Character	19	28	46
Stock Ticker Symbol	SMBL	Character	47	8	54
Fiscal Yearend Month of Data (5)	FYR	Integer	55	10	64
Data Year (5)	YEARA	Integer	65	10	74
S&P Industry Index Relative Code	XREL	Integer	75	4	78
Stock Ownership Code	STK	Integer	79	1	79
Duplicate File Code	DUP	Integer	80	2	81
Blank		Integer	82	6	87
Update Code (5)	UCODE	Integer	88	5	92
Data Footnotes (35, 5)	AFTNT	Character	93	350	442
Data Array (175, 5)	DATA	Numeric	443	7890	8332

Industrial Annual File

Company Record – Records 5 - 8

Description	Mnemonic	Type of Data	Beginning Character	Number of Characters	Cumulative Characters
Industry Classification Code	DNUM	Integer	1	4	4
CUSIP Issuer Code	CNUM	Character	5	6	10
CUSIP Issuer Number and Check Digit	CIC	Integer	11	3	13
Record Number	REC	Integer	14	1	14
File Identification Code	FILE	Integer	15	2	16
Company Location Code – State	STATE	Integer	17	2	18
Company Location Code – County	COUNTY	Integer	19	3	21
Incorporation Code – Foreign	FINC	Integer	22	2	23
Source Document Code (5)	SOURCE	Integer	24	10	33
S&P Primary Index Marker	CPSPIN	Character	34	1	34
S&P Secondary Index Identifier	CSSPIN	Character	35	2	36
S&P Subset Index Identifier	CSSPIL	Character	37	1	37
S&P Long-Term Domestic Issuer Credit Rating– Current	SPDRC	Character	38	2	39
Footnote – S&P Long-Term Domestic Issuer Credit Rating – Current	SPDRCF	Character	40	2	41
S&P Subordinated Debt Rating – Current	SUBDBT	Character	42	2	43
S&P Short-Term Domestic Issuer Credit Rating– Current	SPCPRC	Character	44	3	46
Blank or Transaction Code (trans only)		Character	47	2	48
Blank		Character	49	4	52
Employer Identification Number	EIN	Character	53	10	62
4-Digit Data Year (5)		Integer	63	20	82
North American Industry Classification System	NAICS	Character	83	6	88
Blank		Character	89	4	92
Data Footnotes (5)	AFTNT	Character	93	350	442
Data Array (5)	DATA	Numeric	443	7890	8332

Industrial Quarterly File Header Record 1

Header Information	Code	Description	Beginning Character	Number of Characters	Cumulative Characters
Blank (<i>Zero-filled</i>)		Blank	1	496	496
Header Record File Identification Code	36	Primary-Supplementary-Tertiary	497	2	498
	43	Full-Coverage			
	25	Canadian (\$CAN)			
Cutoff Date – Month	01 – 12	Month of year	499	2	500
Cutoff Date – Day	01 – 31	Day of month	501	2	502
Cutoff Date – Year	2-digit expression	Last two digits of year	503	2	504
Creation Date – Month	01 – 12	Month of year	505	2	506
Creation Date – Day	01 – 31	Day of month	507	2	508
Creation Date Year	2-digit expression	Last two digits of year	509	2	510
Blank (<i>Zero-filled</i>)		Blank	511	4	514
Number of Companies	5-digit expression	00000 – 65535	515	5	519
Previous Creation Date – Month	01 – 12	Month of year	520	2	521
Previous Creation Date – Day	01 – 31	Day of month	522	2	523
Previous Creation Date – Year	2-digit expression	Last two digits of year	524	2	525
Blank (<i>Zero-filled</i>)		Blank	526	17	542
Cutoff Date – Month	01-12	Month of year	543	2	544
Cutoff Date – Day	01-31	Day of month	545	2	546
Cutoff Date – Year	4-digit expression	4-Digit Year	547	4	550
Creation Date – Month	01-12	Month of year	551	2	552
Creation Date – Day	01-31	Day of month	553	2	554
Creation Date – Year	4-digit expression	4-Digit Year	555	4	558
Previous Creation Date – Month	01-12	Month of year	559	2	560
Previous Creation Date – Day	01-31	Day of month	561	2	562
Previous Creation Date – Year	4-digit expression	4-Digit Year	563	4	566
Blank		Blank	567	8618	9184

Industrial Quarterly File Header Record 2 & 3

Description	Type of Data	Default Data	Beginning Character	Number of Characters	Cumulative Characters
Position 1	Integer	Zeros	1	4	4
Position 2	Character	Header and Trailer	5	6	10
CUSIP		Records filled with Zeros			
Position 3	Integer	Zeros	11	3	13
Position 4	Integer	Zeros	14	2	15
Position 5	Integer	Header and Trailer	16	2	17
Record Number		Records have value of "1"			
Position 6	Integer	Zeros	18	2	19
Position 7	Integer	Zeros	20	2	21
Position 8	Character	Blanks	22	28	49
Position 9	Character	Blanks	50	28	77
Position 10	Character	Blanks	78	10	87
Position 11	Integer	Zeros	88	1	88
Position 12	Character	Blanks	89	8	96
Position 13	Integer	Zeros	97	2	98
Position 14	Integer	Zeros	99	4	102
Position 15	Integer	Zeros	103	2	104
Position 16	Integer	Zeros	105	2	106
Position 17	Integer	Zeros	107	2	108
Position 18	Integer	Zeros	109	3	111
Position 19	Character	Blanks	112	2	113
Position 20	Character	Blanks	114	63	176
Position 21 (19,4)	Integer	Zeros	177	256	432
Position 22 (8,4)	Character	Blanks	433	64	496
Position 23 (232,4)	Numeric	Not Available Figure	497	8202	8704
Position 24 (60,4)	Character	Blanks	8705	480	9184

Industrial Quarterly File Company Record – Complete Record Format

Description	Mnemonic	Type of Data	Beginning Character	Number of Characters	Cumulative Characters
Industry Classification Code	DNUM	Integer	1	4	4
CUSIP Issuer Code	CNUM	Character	5	6	10
CUSIP Issue Number and Check Digit	CIC	Integer	11	3	13
Blank (Transaction Code – trans only)		Integer	14	2	15
Record Number	REC	Integer	16	2	17
File Identification Code	FILE	Integer	18	2	19
Duplicate File Code	DUP	Integer	20	2	21
Company Name	CONAME	Character	22	28	49
Industry Name	INAME	Character	50	28	77
Employer Identification Number	EIN	Character	78	10	87
Stock Ownership Code	STK	Integer	88	1	88
Stock Ticker Symbol	SMBL	Character	89	8	96
Exchange Listing and S&P Major Index Code	ZLIST	Integer	97	2	98
S&P Industry Index Relative Code	XREL	Integer	99	4	102
Foreign Incorporation Code	FIC	Integer	103	2	104
State Incorporation Code	INCORP	Integer	105	2	106
Company Location Code – State	STATE	Integer	107	2	108
Company Location Code – County	COUNTY	Integer	109	3	111
Canadian Index Code – Current	CANDXC	Character	112	2	113
North American Industry Classification System	NAICS	Character	114	6	119
Blank		Character	120	57	176
Period Descriptor Array (19, 4)			177	256	432
Data Year	YEAR	Integer	177	2	178
Data Quarter		Integer	179	1	179
Fiscal Year-end Month of Data	FYR	Integer	180	2	181
Standard & Poor's COMPUSTAT Calendar Year		Integer	182	2	183
Standard & Poor's COMPUSTAT Calendar Quarter		Integer	184	1	184

Industrial Quarterly File

Company Record – Complete Record Format (cont.)

Description	Mnemonic	Type of Data	Beginning Character	Number of Characters	Cumulative Characters
Update Code	UCODE	Integer	185	1	185
Blank		Character	186	4	189
Source Document Code	SOURCE	Integer	190	2	191
S&P Long-Term Domestic Issuer Credit Rating – Current	SPDRC	Integer	192	2	193
Blank		Integer	194	2	195
S&P Short-Term Domestic Credit Rating – Current	SPCPRC	Integer	196	3	198
S&P Common Stock Ranking		Integer	199	2	200
S&P Major Index Code – Historical		Integer	201	2	202
S&P Industry Index Code – Historical		Integer	203	4	206
Report Date Quarterly Earnings (YYDDD)		Integer	207	5	211
Flow of Funds Statement Format Code		Integer	212	1	212
S&P Subordinate Debt Rating	SUBDBT	Integer	213	2	214
Canadian Index Code – Current	CANDXC	Integer	215	2	216
4-Digit Data Year		Integer	217	4	220
4-Digit SPC Calendar Year	4YEAR	Integer	221	4	224
Blank		Integer	225	16	240
Period Footnote (8, 4)	QFTNT	Character	433	64	496
Data Array (232, 4)	DATA	Numeric	497	8208	8704
Data Footnotes (60, 4)	AFTNT	Character	8705	480	9184

Industrial Quarterly File Company Record – Company Descriptors

Description	Mnemonic	Type of Data	Beginning Character	Number of Characters	Cumulative Characters
Industry Classification Code	DNUM	Integer	1	4	4
CUSIP Issuer Code	CNUM	Character	5	6	10
CUSIP Issue Number and Check Digit	CIC	Integer	11	3	13
Blank		Integer	14	2	15
Record Number	REC	Integer	16	2	17
File Identification Code	FILE	Integer	18	2	19
Duplicate File Code	DUP	Integer	20	2	21
Company Name	CONAME	Character	22	28	49
Industry Name	INAME	Character	50	28	77
Employer Identification Number	EIN	Character	78	10	87
Stock Ownership Code	STK	Integer	88	1	88
Stock Ticker Symbol	SMBL	Character	89	8	96
Exchange Listing and S&P Major Index Code	ZLIST	Integer	97	2	98
S&P Industry Index Relative Code	XREL	Integer	99	4	102
Incorporation Code – Foreign	FIC	Integer	103	2	104
Incorporation Code – State	INCORP	Integer	105	2	106
Company Location Code – State	STATE	Integer	107	2	108
Company Location Code – County	COUNTY	Integer	109	3	111
Canadian Index Code – Current	CANDXC	Character	112	2	113
Blank		Character	114	63	176

Industrial Quarterly File Company Record – Period Descriptor Array

Description		Type of Data	Beginning Character	Number of Characters	Cumulative Characters
Period Descriptor Array (19, 4)		Character	177	256	432
Data Year	YEAR	Integer	177	2	178
Data Quarter		Integer	179	1	179
Fiscal Yearend Month of Data	FYR	Integer	180	2	181
Standard & Poor's COMPUSTAT Calendar Year		Integer	182	2	183
Standard & Poor's COMPUSTAT Calendar Quarter		Integer	184	1	184
Update Code	UCODE	Integer	185	1	185
Blank		Character	186	4	189
Source Document Code	SOURCE	Integer	190	2	191
S&P Long-Term Domestic Issuer Credit Rating	SPDRC	Integer	192	2	193
Blank		Integer	194	2	195
S&P Short-Term Domestic Issuer Credit Rating	SPCPRC	Integer	196	3	198
S&P Common Stock Ranking		Integer	199	2	200
S&P Major Index Code – Historical		Integer	201	2	202
S&P Industry Index Code – Historical		Integer	203	4	206
Report Date of Quarterly Earnings (YYDDD)		Integer	207	5	211
Flow of Funds Statement Format Code		Integer	212	1	212
S&P Subordinated Debt Rating	SUBDBT	Integer	213	2	214
Canadian Index Code – Current	CANDXC	Integer	215	2	216
4-Digit Data Year		Integer	217	4	220
4 Digit S & P Calendar Year	4YEAR	Integer	221	4	224
Blank		Integer	225	16	240

Industrial Quarterly File Company Record – Period Footnote Array

Description		Type of Data	Beginning Character	Number of Characters	Cumulative Characters
Period Footnote Array (8, 4)		Character	433	64	496
Comparability Status	CSTATF	Character	433	2	434
Company Status Alert		Character	435	2	436
S&P Long-Term Domestic Issuer Credit Rating-Current (Implied)	SPDRCF	Character	437	2	438
Blank		Character	439	10	448