

COMPUSTAT Transaction File Formats

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COMPUSTAT Transaction Files

COMPUSTAT Transaction files provide records for companies added, deleted, or updated since the last COMPUSTAT production. Standard & Poor's provides complete 20-year or 48-quarter formats for companies adding or changing information on COMPUSTAT files. Complete record formats are also available for companies that have been deleted from COMPUSTAT, but these records will contain *Not Available* data codes.

A COMPUSTAT U.S. Prices, Dividends, and Earnings (PDE) transaction file is also available.

File Description

These files are provided in both IBM 360/370 General format and Character ASCII formats.

File Organization

Transaction files available:

1. Primary, Supplementary, Tertiary Annual File
2. Primary, Supplementary, Tertiary Quarterly File
3. Full-Coverage Industrial Annual File
4. Full-Coverage Industrial Quarterly File
5. U.S. Prices, Dividends, and Earnings (PDE)

Each transaction file is supplied with an individual header file.

General Information About COMPUSTAT Transaction Files

File Availability

Standard & Poor's produces transaction files weekly and at month-end for weekly subscribers. You must load transaction files weekly to keep files properly updated. Files for the complete company population are provided under the following conditions:

Standard & Poor's adds new prices

Quarterly files for the complete population are produced at month-end when current prices are loaded for each company. Standard & Poor's produces annual files for the complete company population at year-end when annual prices are loaded.

Standard & Poor's adds a new period

Standard & Poor's produces quarterly files for the complete population when new quarters are added. Standard & Poor's produces annual files for the complete company population when a new year is added.

COMPUSTAT files reflect a large volume of updates

It is sometimes impractical to place all transactions on a particular file when a large volume of updates has occurred. In these instances, Standard & Poor's produces complete company population files for selected files instead of placing them on a transaction file.

A user's database requires a full-file refresh

Under certain circumstances, users may request a complete company population file update in place of a transaction file.

Trailer Records

One or more trailer records may appear at the end of the file. The annual files will have one trailer record which appears at the end of each file. The Quarterly files will have three (3) trailer records which appear at the end of each file. These trailer records are identified by zeros in the 13-character key (DNUM + CNUM + CIC). The data array for these trailer records contains default data values. In some cases, it may be necessary to check for these records to avoid using them in the program.

Header Record

The header record for each file is in that file's format. 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 for that specific file. Record descriptor is available for all six header records (PDE).

Record Format

Transaction file records are identical in format to records on complete company population files. Standard & Poor's provides a complete 20-year or 48-quarter format for each company on the transaction file.

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 zero.

Types of Transactions

Add Transaction

Add transactions occur under the following circumstances:

- The company is added to the COMPUSTAT database
- The company transfers between major file categories
- The company's key (Industry Classification Code, CUSIP Issuer Code, and CUSIP Issue Number and Check Digit) changes

A 55 code appears as the first two characters of the first Blank in the record format.

Delete Transaction

Delete transactions occur under the following circumstances:

- The company is no longer followed on the COMPUSTAT database
- The company transfers between major file categories
- The company's key (Industry Classification Code, CUSIP Issuer Code, and CUSIP Issue Number and Check Digit) changes

A 99 code appears as the first two characters of the first Blank in the record format.

All period descriptors in a Delete transaction are zero-filled. Period footnotes and data footnotes are blank. Data arrays contain *Not Available* data codes. All data is zero-filled with the exception of the variables/descriptors listed below:

- Industry Classification Code
- CUSIP Issuer Code
- CUSIP Issue Number and Check Digit
- Record Number
- File Identification Code
- Exchange Listing and S&P Major Index Code
- Industry Name
- Company Name
- Stock Ticker Symbol
- Duplicate File Code

Update Transaction

Update transactions occur when any data changes. A 77 code appears as the first two characters of the first Blank in the record format.

COMPUSTAT Transaction File – IBM 360/370 General File Format

Annual Header Record

Header Information	Code	Description	Beginning Byte	Number of Bytes	Cumulative bytes
Blank			1	1804	1804
Header Record File Identification Code	35	Primary-Supplementary-Tertiary Industrial Annual File	1805	4	1808
	37	Full-Coverage Industrial Annual File			
Cutoff Date – Month	01 – 12	Month of year	1809	4	1812
Cutoff Date – Day	01 – 31	Day of month	1813	4	1816
Cutoff Date – Year	2-digit expression	Last two digits of year	1817	4	1820
Creation Date – Month	01 – 12	Month of year	1821	4	1824
Creation Date – Day	01 – 31	Day of month	1825	4	1828
Creation Date – Year	2-digit expression	Last two digits of year	1829	4	1832
Blank		Blank	1833	8	1840
Number of Companies	5-digit expression	00000 – 65535	1841	4	1844
Previous Creation Date – Month	01 – 12	Month of year	1845	4	1848
Previous Creation Date – Day	01 – 31	Day of month	1849	4	1852
Previous Creation Date – Year	2-digit expression	Last two digits of year	1853	4	1856
Number of Companies Added	4-digit expression	0000 – 9999	1857	4	1860
Number of Companies Deleted	4-digit expression	0000 – 9999	1861	4	1864
Number of Companies Updated	4-digit expression	0000 – 9999	1865	4	1868
Total Number of Companies Modified	5-digit expression	00000 – 65535	1869	4	1872
Cutoff Date – Month	01-12	Month of year	1873	4	1876
Cutoff Date – Day	01-31	Day of month	1877	4	1880
Cutoff Date – Year	4-digit expression	4-Digit Year	1881	4	1884
Creation Date – Month	01-12	Month of year	1885	4	1888
Creation Date – Day	01-31	Day of month	1889	4	1892
Creation Date – Year	4-digit expression	4-Digit Year	1893	4	1896
Previous Creation Date – Month	01-12	Month of year	1897	4	1900
Previous Creation Date – Day	01-31	Day of month	1901	4	1904
Previous Creation Date – Year	4-digit expression	4-Digit Year	1905	4	1908
Blank		Blank	1909	13896	15804

COMPUSTAT Transaction File – IBM 360/370 General File Format

Quarterly Header Record

Header Information	Code	Description	Beginning Byte	Number of Bytes	Cumulative bytes
Blank			1	628	628
Header Record File Identification Code	36	Primary-Supplementary-Tertiary Industrial Quarterly File	629	4	632
	43	Full-Coverage Industrial Quarterly File			
Cutoff Date – Month	01 – 12	Month of year	633	4	636
Cutoff Date – Day	01 – 31	Day of month	637	4	640
Cutoff Date – Year	2-digit expression	Last two digits of year	641	4	644
Creation Date – Month	01 – 12	Month of year	645	4	648
Creation Date – Day	01 – 31	Day of month	649	4	652
Creation Date – Year	2-digit expression	Last two digits of year	653	4	656
Blank		Blank	657	8	664
Number of Companies	5-digit expression	00000 – 65535	665	4	668
Previous Creation Date – Month	01 – 12	Month of year	669	4	672
Previous Creation Date – Day	01 – 31	Day of month	673	4	676
Previous Creation Date – Year	2-digit expression	Last two digits of year	677	4	680
Number of Companies Added	4-digit expression	0000 – 9999	681	4	684
Number of Companies Deleted	4-digit expression	0000 – 9999	685	4	688
Number of Companies Updated	4-digit expression	0000 – 9999	689	4	692
Total Number of Companies Modified	5-digit expression	00000 – 65535	693	4	696
Cutoff Date – Month	01-12	Month of year	697	4	700
Cutoff Date – Day	01-31	Day of month	701	4	704
Cutoff Date – Year	4-digit expression	4-Digit Year	705	4	708
Creation Date – Month	01-12	Month of year	709	4	712
Creation Date – Day	01-31	Day of month	713	4	716
Creation Date – Year	4-digit expression	4-Digit Year	717	4	720
Previous Creation Date – Month	01-12	Month of year	721	4	724
Previous Creation Date – Day	01-31	Day of month	725	4	728
Previous Creation Date – Year	4-digit expression	4-Digit Year	729	4	732
Blank		Blank	733	4088	4820

COMPUSTAT Transaction File – IBM 360/370 General File Format

U.S. PDE Header Record

Header Information	Code	Description	Beginning Byte	Number of Bytes	Cumulative bytes
Blank			1	84	84
Header Record File Identification Code	43	U.S. PDE	84	4	88
Cutoff Date – Month	01 – 12	Month of year	89	4	92
Cutoff Date – Day	01 – 31	Day of month	93	4	96
Cutoff Date – Year	2-digit expression	Last two digits of year	97	4	100
Creation Date – Month	01 – 12	Month of year	101	4	104
Creation Date – Day	01 – 31	Day of month	105	4	108
Creation Date – Year	2-digit expression	Last two digits of year	109	4	112
Blank		Blank	113	8	120
Number of Companies	5-digit expression	00000 – 65535	121	4	124
Previous Creation Date – Month	01 – 12	Month of year	125	4	128
Previous Creation Date – Day	01 – 31	Day of month	129	4	132
Previous Creation Date – Year	2-digit expression	Last two digits of year	133	4	136
Number of Companies Added	4-digit expression	0000 – 9999	137	4	140
Number of Companies Deleted	4-digit expression	0000 – 9999	141	4	144
Number of Companies Updated	4-digit expression	0000 – 9999	145	4	148
Total Number of Companies Modified	5-digit expression	00000 – 65535	149	4	152
Cutoff Date – Month	01-12	Month of year	153	4	156
Cutoff Date – Day	01-31	Day of month	157	4	160
Cutoff Date – Year	4-digit expression	4-Digit Year	161	4	164
Creation Date – Month	01-12	Month of year	165	4	168
Creation Date – Day	01-31	Day of month	169	4	172
Creation Date – Year	4-digit expression	4-Digit Year	173	4	176
Previous Creation Date – Month	01-12	Month of year	177	4	180
Previous Creation Date – Day	01-31	Day of month	181	4	184
Previous Creation Date – Year	4-digit expression	4-Digit Year	185	4	188
Blank		Blank	189	1364	1552

COMPUSTAT Transaction File – IBM 360/370 General File Format

Transaction Code Beginning Byte

File	Beginning Byte	Record
Primary, Supplementary, Tertiary Industrial Annual File	265 117	REC 1 REC 2
Full-Coverage Industrial Annual File	265 117	REC 1 REC 2
Primary, Supplementary, Tertiary Industrial Quarterly File	17	
Full-Coverage Industrial Quarterly File	17	

COMPUSTAT Transaction File – Character ASCII File Format

Annual Header Record

Header Information	Code	Description	Beginning Byte	Number of Bytes	Cumulative bytes
Blank			1	442	442
Header Record File Identification Code	35	Primary-Supplementary-Tertiary Industrial Annual File	443	2	444
	37	Full-Coverage Industrial Annual File			
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
Number of Companies Added	4-digit expression	0000 – 9999	472	4	475
Number of Companies Deleted	4-digit expression	0000 – 9999	476	4	479
Number of Companies Updated	4-digit expression	0000 – 9999	480	4	483
Total Number of Companies Modified	5-digit expression	00000 – 65535	484	5	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	520
Blank		Blank	521	7812	8332

COMPUSTAT Transaction File – Character ASCII File Format

Quarterly Header Record

Header Information	Code	Description	Beginning Byte	Number of Bytes	Cumulative bytes
Blank			1	496	496
Header Record File Identification Code	36	Primary-Supplementary-Tertiary Industrial Quarterly File	497	2	498
	43	Full-Coverage Industrial Quarterly File			
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		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
Number of Companies Added	4-digit expression	0000 – 9999	526	4	529
Number of Companies Deleted	4-digit expression	0000 – 9999	530	4	533
Number of Companies Updated	4-digit expression	0000 – 9999	534	4	537
Total Number of Companies Modified	5-digit expression	00000 – 65535	538	5	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

COMPUSTAT Transaction File – Character ASCII File Format

U.S. PDE Header Record

Header Information	Code	Description	Beginning Byte	Number of Bytes	Cumulative bytes
Blank			1	92	92
Header Record File Identification Code	43	U.S. PDE	93	2	94
Cutoff Date – Month	01 – 12	Month of year	95	2	96
Cutoff Date – Day	01 – 31	Day of month	97	2	98
Cutoff Date – Year	2-digit expression	Last two digits of year	99	2	100
Creation Date – Month	01 – 12	Month of year	101	2	102
Creation Date – Day	01 – 31	Day of month	103	2	104
Creation Date – Year	2-digit expression	Last two digits of year	105	2	106
Blank		Blank	107	4	110
Number of Companies	5-digit expression	00000 – 65535	111	5	115
Previous Creation Date – Month	01 – 12	Month of year	116	2	117
Previous Creation Date – Day	01 – 31	Day of month	118	2	119
Previous Creation Date – Year	2-digit expression	Last two digits of year	120	2	121
Number of Companies Added	4-digit expression	0000 – 9999	122	4	125
Number of Companies Deleted	4-digit expression	0000 – 9999	126	4	129
Number of Companies Updated	4-digit expression	0000 – 9999	130	4	133
Total Number of Companies Modified	5-digit expression	00000 – 65535	134	5	138
Cutoff Date – Month	01-12	Month of year	139	2	140
Cutoff Date – Day	01-31	Day of month	141	2	142
Cutoff Date – Year	4-digit expression	4-Digit Year	143	4	146
Creation Date – Month	01-12	Month of year	147	2	148
Creation Date – Day	01-31	Day of month	149	2	150
Creation Date – Year	4-digit expression	4-Digit Year	151	4	154
Previous Creation Date – Month	01-12	Month of year	155	2	156
Previous Creation Date – Day	01-31	Day of month	157	2	158
Previous Creation Date – Year	4-digit expression	4-Digit Year	159	4	162
Blank		Blank	163	3110	3272

COMPUSTAT Transaction File – Character ASCII File Format

Transaction Code Beginning Character

File	Beginning Character	Record
Primary, Supplementary, Tertiary Industrial Annual File	82 47	REC 1-4 REC 5-8
Full-Coverage Industrial Annual File	82 47	REC 1-4 REC 5-8
Primary, Supplementary, Tertiary Industrial Quarterly File	14	
Full-Coverage Industrial Quarterly File	14	