

# Xpressfeed™

Powerful Data Feed Management.



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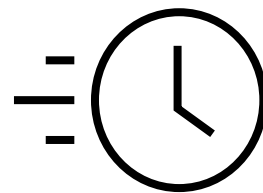
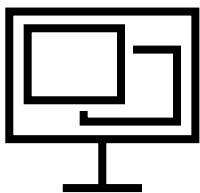
**S&P Global**

Market Intelligence

## Reliable delivery to streamline your data management.

**You need the right data to make the right decisions. And you need to get it quickly and efficiently. Spend more time conducting analysis and less retrieving and managing data.**

- Enhance your proprietary analytics, financial portals, CRM systems, and more by combining the strengths of S&P Global Market Intelligence and select third-party vendors.
- Obtain the foundational data necessary to power sophisticated quantitative research and modeling. Realize greater control and transparency so you can spend more time focusing on model training and creation.
- Focus on your strategic objectives with a database that incorporates thousands of automated and manual data quality checks to review content before it is published.



### Differentiated Data

- Tap into over 200 datasets including point-in-time financials, Compustat®, Capital IQ Fundamentals, GICS®, S&P Global Ratings & Research, S&P Dow Jones Indices, S&P Global Earnings Estimates, and more.
- Gain access to vetted alternative data including Trucost Environmental Data, Panjiva Supply Chain Intelligence, Machine Readable Textual Data, SNL Asset Level Data, and more.
- Review credit ratings from S&P Global Ratings, Fitch, and Moody's; content is organized into packages defined by issuer sectors and contains issuer- and issue-level details. Leverage our Credit Analytics to gain access to credit scores, models, and benchmarks on rated, unrated, public, and private companies.

### Robust Linking

- Accelerate your data integration and analysis by leveraging our extensive global Cross Reference Services that seamlessly links reference data by company, sector, and instrument.
- Enhance your supply chain and counter-party risk analysis, and integrate into your sales and marketing applications by easily linking via standardized and proprietary IDs for over 9.8 million business entities.
- Link to a variety of company-level datasets including Corporate Relationships, Transactions, Transcripts, Financials, and Company Fundamentals. Use multiple sector classifications and business criteria to screen, assemble and monitor entity sets.

### Seamless Delivery

- Xpressfeed, our data loading and maintenance technology, provides a reliable and efficient solution to data delivery and management.
- Data is delivered in packages, via our Xpressfeed Loader, so you can customize and receive only what you want and need.
- Xpressfeed's Loader application has automatic schema generation that simplifies maintenance and enables a fully-populated database to be up and running quickly. Additionally, the loader runs on your side, giving you greater control over when and how the data is processed in your depository.

# Datasets Available via Xpressfeed™

Data Type	Data Set	Coverage	Delivery Frequency	Coverage History
Fundamentals and Deep Industry	Compustat® Fundamentals	100,000+ companies globally	Intraday	1950
Fundamentals and Deep Industry	S&P Capital IQ Fundamentals	150,000+ companies globally, including over 95,000 active and inactive public companies	Intraday	1985
Fundamentals and Deep Industry	Capital Structure (Debt)	96,000+ public and select private companies worldwide	Daily	1996
Fundamentals and Deep Industry	Capital Structure (Equity)	104,000+ public and select private companies worldwide	Daily	1996
Fundamentals and Deep Industry	Private Company Fundamentals	1 million+ companies globally	Daily	1982
Alternative	SNL Fundamentals	17,500+ current and historical companies globally	Daily	1990
Alternative	Machine Readable Transcripts	10,600+ companies	Near Real Time	2004
Alternative	Textual Data Analytics	10,600+ companies	Daily	2008
Alternative	Machine Readable Filings	35,000 active and inactive companies	Intraday	2006
Alternative	SCRIPTS Asia Transcripts	500+ companies	Intraday	2018
Alternative	Panjiva Supply Chain Intelligence	1 billion+ transaction records	Variable	2007
Alternative	Trucost Environmental Data	15,000+ companies in 99 unique countries	Daily	2002
Alternative	Airsage Real Estate Foot Traffic	Over 30,000 properties	Daily	2010
Alternative	FDA Pre-Market Notifications 501(k) Filings	150,000 records	Monthly	1976
Alternative	FDA Adverse Event Reporting System (FAERS)	400,000 records	Quarterly	2004
Alternative	FDA Orange Book	50,000 records	Monthly	2001
Estimates	S&P Global Estimates	10,000+ companies globally	Near Real Time	1996
Cross Reference Services	Business Entity Cross Reference Service	9.8 million+ entities	Daily	1950
Cross Reference Services	Global Instruments Cross Reference Services	57 million+ instruments	Intraday	1968
Cross Reference Services	Industry Sector Cross Reference Services	2.8 million+ public and private companies & 5,200+ unique industry codes within 7 industry class types	Variable	2014
Industry Classifications	GICS® Direct	47,000+ company classification 61,000+ global securities	Daily	Current and active companies only
Industry Classifications	GICS® Historical Databases	88,000+ companies	Daily	1985
Industry Classifications	ETF Style Classifications	11,000+ publicly traded North American Exchange-Traded Products	Daily	Current only
Ownership	Ownership	90,000+ public and private companies, institutional investment firms, mutual funds and insiders/individual owners	Daily	2004
Qualitative	Transactions	Approximately 2 million transactions	Daily	1950
Qualitative	Key Developments	20,000+ news sources	Daily	2001
Qualitative	Professionals	Data on over 3.2 million+ professionals	Daily	1992
Qualitative	Company Relationships	3,200+ company relationships	Daily	2000
Qualitative	Company Intelligence	50,000+ companies and 750,000+ competitors	Daily	Current only
Qualitative	Business Relationships	Over 520,000 companies with Business Relationships	Daily	2004
Qualitative	Private Equity	Investment Criteria available for over 93,000+, Companies and Investment Size Criteria for 32,000+ Companies	Daily	1999
Stock Selection and Risk Models	Alpha Factor Library	Global coverage for over 40,000 securities	Daily	1905

Data Type	Data Set	Coverage	Delivery Frequency	Coverage History
Credit Ratings	S&P Global Ratings Scores & Factors	9,400 Global Issuers/84,000 securities,570 Sovereign, International Public Finance and Government entities/13,000 securities, 720 U.S. Public Finance entities/680,000 securities, 12,000 Structured Finance transactions/38,000 securities	Variable	1923
Credit Ratings	Moody's Investors Service	25,000+ issuers 30,000+ rated issues	Variable	1900
Credit Ratings	Fitch Credit Ratings	35,000+ issuers	Variable	1987
Credit Indicators	Probability of Default Model Market Signals (PD MS)	70,000+ companies	Daily	2002
Credit Indicators	Probability of Default Model Fundamental (PD FN)	900,000+ companies globally	Weekly	2002
Credit Indicators	CreditModel (CM)	70,000+ companies globally	Weekly	2002
Credit Indicators	Credit Analytics Benchmarks	730,000+ public and private companies	Variable	2015
Credit Indicators	Probability of Default (PD)	70,000+ companies	Daily	2002
Credit Indicators	Market Derived Signals (MDS)	Approximately 1,500 entities	Daily	2008
Credit Indicators	Credit Default Swap (CDS)	Approximately 1,500 entities	Daily	2010
Indices	S&P Dow Jones	S&P U.S.: 1,500+ Indices ASX: 262 Total Indices TSX: 850+Indices Euro 350: 38 Total Indices S&P Global 1200: 316 Total Indices BMI: 4,160+ Indices	Daily	1928 - S&P U.S. 2000 - ASX 1971 - TSX 2009 - EURO 350 1989 - S&P Global 1200 2005 - BMI
Indices	MSCI	54,000+ Indices	Daily	1970
Indices	Russell	4,500+ Indices	Daily	1979
Indices	FTSE	4,300+ Indices	Daily	1992
Indices	Euronext	381 Total	Daily	2009
Indices	TOPIX	88 Total	Daily	1980

# Integrated data to enhance your proprietary analytics, financial portals, CRM systems, and more

## Fundamental Data

### Compustat® Fundamentals

Standardized global company fundamental and market data for active and inactive publicly traded companies that financial analysts have relied on for over 50 years

- Access historical and point-in-time financial statements, ratios, and multiples, plus press releases available within hours of publication
- Implement annual and quarterly data integrated with daily and monthly market data across active and inactive publicly-traded companies
- Explore historical data as far back as 1950 with point-in-time snapshots beginning in 1987

### S&P Capital IQ Fundamentals

All instances of standardized financial data on an annual, quarterly, semi-annual, last twelve month and year-to-date basis.

- Point-in-time representations of a financial period including press releases, original filings and all restatements
- Utilize the historical annual and interim data available as far back as 1985 for certain data sets and geographies with significant coverage from 1993
- Over 5,000 financial, supplemental and industry-specific data items for over 150,000 companies globally, including over 95,000 active and inactive companies across multiple industries

## Capital Structure

Detailed information about the debt and equity aspects of a company's capital structure.

- Debt capital structure data covers over 96,000 public and private companies
- Equity capital structure data on over 104,000 public and select private companies worldwide

## Private Company Fundamentals

Financial statement and ratio data on over 1 million private companies globally.

- Includes companies in Europe, North America, Latin America, Australia and the Asia Pacific
- Data dates back to 2004

## Alternative Data

### SNL Fundamentals

In complex business sectors like Banking, Insurance, Financial Services, Real Estate, Energy and Media & Communications, the forces that may affect stock value are often embedded in metrics specific to each industry. Only SNL Fundamentals breaks out these metrics in granular fields using in-depth, sector-specific analysis.

- Leading coverage of the Financial Institutions (FIG) and Real Estate sectors includes:
  - 1,400+ detailed industry data points on over 17,500 current and historical companies globally
  - Historical annual and interim data is available as far back as 1990 for certain data sets and geographies
- Worldwide FIG content includes:
  - Comprehensive fundamental coverage of over 14,000 banking institutions and over 1,500 insurance companies
  - Bank fundamental coverage provides detailed insights into performance analysis, asset quality, regulatory capital, and deposit/loan composition while insurance fundamentals provide increased insight into investment level details, underwriting analysis, solvency, embedded value, and distribution channels
- Global Real Estate content includes:
  - Comprehensive fundamental coverage of over 1,600 REITs, Real Estate Operating Company (REOCs) and Listed Property Companies
  - Detailed insights into debt and lease maturities, same store performance, and portfolio analysis including development exposure
- Global Metals & Mining coverage includes:
  - Granular, standardized breakout of property, plant and equipment data, as well as detail on mining property interests, and capitalized exploration and evaluation on over 2,500 mining companies around the world
  - Specific line items showing mine site reclamation and closure liability are also included
- North American energy data includes:
  - Comprehensive coverage on over 450 power and mid-stream companies including revenue, volume and customer counts by customer class
  - Revenue and expenses are broken down by operations; production, transmission and distribution



- Media & Communications data includes:
  - Fundamental data to enable apples-to-apples comparisons within each of the following sectors:
    - Broadcast TV
    - TV Networks
    - Wireless & Wireline
    - Multichannel Operators
    - Internet Media
    - Filmed TV & Entertainment
    - Media Technology, and Advertising

## Machine Readable Transcripts

Textual transcripts data in a machine-readable format with metadata tagging. Easily combine transcripts data from Earnings, M&A, Guidance, Shareholder, Company Conference Presentations and Special calls with traditional datasets to formulate unique, proprietary analytics.

- Seamlessly link the Speaker ID to the S&P Global Estimates and Professionals database to help identify sell-side analysts' revisions
- Sync with events data either via feed or through streaming XML messages for details and alerts on upcoming calls scheduled for transcription
- Historical transcripts data available back to 2004
- Coverage includes 10,600+ companies and growing with 100% coverage of the S&P 500, Russell 1000, and FTSE 100, and with 95% coverage of the S&P Euro 350

## Textual Data Analytics

Sentiment scores and behavioral metrics for earnings calls delivered intra-day in machine-readable format.

- Quickly assess the sentiment expressed on earnings calls of 10,600+ active companies dating back to 2004
- Implement 39 sentiment scores and behavioral based metrics derived from Natural Language Processing (NLP) into your analysis or to use as a benchmark
- Easily combine transcripts of call data from earnings, M&A, guidance, along with special calls and conferences with existing datasets to formulate unique, proprietary datasets

## Machine Readable Filings

Provides all of the textual portions of public filings, broken down into the various sections identified by the company, with information such as page numbers, images, and tables removed. The data is delivered in a structured format, allowing customers to perform Natural Language Processing (NLP) against this set of data without having to do the document cleanup and structuring themselves.

- Each document is broken down into headings and the text that is underneath it, with document hierarchy retained
- Extraneous text (e.g., page numbers, headings etc.) as well as non-textual information (e.g., images, tables) are removed to not disrupt language flow
- Updates delivered every two hours
- History back to 2006 for 10-K, 10-Q, 20-F, and 8-K filings

## SCRIPTS Asia Transcripts

Coverage of machine readable transcripts for companies in Asia, available in machine-readable format exclusively via Xpressfeed.

- Current coverage of transcripts includes 500+ Japanese companies
- Calls hosted in foreign languages will be both transcribed in local language and translated to English for easier analysis
- Future coverage to include investor and international corporate call transcripts from companies across the Asia-Pacific region

## Panjiva Supply Chain Intelligence

View global transaction details such as buyers and sellers, product descriptions, cargo size, and trade value to help understand the associations among global trading relationships.

- Leverages machine learning technologies to surface key insights from unstructured supply chain data and resolves entities to their parent company for your speedy analysis
- Access coverage spanning approximately 40% of global merchandise traded by dollar value\*, over 1 billion transaction records, and 13 million company to company relationships for a comprehensive view of the global marketplace

\*The assumptions in this analysis are calculated using proprietary algorithms in addition to 2016 Global Merchandise Trade by Value data reported to UN Comtrade, the International Trade Statistics database, by the participating governments. Using a factor between 1 and 0.46, we have made these assumptions as of August 28, 2018, to calculate the global merchandise traded by dollar value coverage. Based on availability of the underlying data, these assumptions are subject to change.

## Trucost Environmental Data

With over 10 years of historical data, this essential environmental intelligence helps companies and financial institutions understand their exposure to environmental factors to inform and identify solutions for a more sustainable global economy.

- Provides robust, standardized environmental data on more than 15,000 companies in 99 unique countries
- Assists with business decision-making by quantifying exposure to climate risks, identifying engagement opportunities and informing greener strategies

## Airsage Real Estate Foot Traffic

Unlock the power of Airsage Foot Traffic data linked with S&P U.S. Real Estate Property identifiers to gain insights into:

- Gain access to anonymized foot traffic counts along with details such as the length of visit for over 30,000 properties with history back to 2010
- Census-based demographic information about visitors
- The largest GPS panel in the market and one of the most mature foot traffic companies

## FDA Pre-Market Notifications 510(k) Filings

Access structured FDA Pre-Market Notifications 510(k) filings - Notifications by a company that they intend to market a medical device, which must be filed 90 days prior to device being marketed.

- 510(k) data goes back to 1976 and covers over 150,000 notifications from global companies with U.S. operations regulated by the FDA

## FDA Adverse Event Reporting System (FAERS)

Leverage structured data from the FAERS database for records of adverse event reports, medication error reports and product quality complaints resulting in adverse events that were submitted to FDA.

- Includes details on demographics, drug, indications, outcome, reaction, source, and therapy for the related event
- Covers over 400,000 events that relate to a drug, compound, or device. Events are linked to the drug or device owner
- Data is reported for companies with operations, sales, and distribution in the United States

## FDA Orange Book

Identify drug products approved on the basis of safety and effectiveness with FDA Orange Book data.

- With history back to 2001, link approximately 50,000 named pharmaceuticals back to a set of compounds and a named drug owner

## Estimates

### S&P Global Estimates

Standardized database of global, real-time financial forecasting measures, such as upgrades/downgrades, target price revisions, and market-moving news.

- Includes estimates based on projections, models, analysis and research from analysts, brokers, and the companies themselves
- Annual, quarterly, and semiannual time periods for 10,000+ companies
- History is from 1996 for International companies and from 1999 for North American companies
- The intra-day package gives you the most timely estimates and guidance, with updates and revisions available up to every five minutes

## Cross Reference Services

Leverage our extensive global Cross Reference Services that seamlessly links reference data by company, security, and industry—so you can better manage data integration and minimize manual processes.

### Business Entity Cross Reference Service (BECRS)

Extensive linkages between 9.8+ million entities, companies and issuers.

- Use the Company ID as the primary key and cross reference company identifiers from a range of sources—both standardized and proprietary
- Link to entity identifiers such as LEI, S&P Global Ratings, CUSIP6, and more

## Global Instruments Cross Reference Services (GICRS)

Access comprehensive database of security identifiers cross referencing almost 57 million instruments recognized globally that minimizes the impact on back-office systems and operations, while facilitating cross-border communications.

- Based on a global securities database that links a security to its ISIN, CUSIP/CINS, SEDOL, Bloomberg FIGI, Barra, Markit LoanX, and more
- Coverage includes: Equity, Fixed Income, Mutual Funds, Indexes, and more

## Industry Sector Cross Reference Services (ISCRS)

Industry sector classifications linked at the company level using the Company ID.

- Industry classifications include; GICS®, ETF classifications, S&P Global Ratings Sectors, NACE, ANZSIC, SIC, NAICS and ICB Sector classifications

## Industry Classifications

### GICS® Direct

A joint product of S&P Global Market Intelligence and MSCI to construct their indices.

- Includes the current classification for active companies in more than 120 countries and provides more than 47,000 company classifications and covers over 61,000 global securities

### GICS® Historical Databases

GICS® historical databases are available as add-ons and provide historical company-level global industry classification codes.

- Active and inactive classifications for over 88,000 companies, across over 135 countries, with history available from 1985 forward

## ETF Style Classifications

The ETF data package provides a comprehensive database of more than 11,000 publicly traded North American Exchange-Traded Products.

- Includes both Exchange-Traded Funds (ETF) and Exchange-Traded Notes

## Ownership

Detailed historical equity ownership data on over 90,000 public and private companies, institutional investment firms, mutual funds and insiders/individual owners.

- Consists of institutional, mutual fund, and insider/individual owners
- Access ownership summaries, details, insider trading activity, portfolio holdings, fund views, and tradable float shares

## Qualitative

### Transactions

Profiles of approximately two million transactions captured across the globe.

- Includes M&A, private placement, venture capital, PIPE, spin-off, bankruptcies, share buyback programs, and equity/debt public offerings
- Each transaction has a synopsis, deal size, company participants, advisors coverage and associated filings
- The global transaction database provides up to 10 years of history

### Key Developments

Information on more than one million key developments, based on over 160 standardized topics.

- Over 20,000 news sources including press releases, regulatory filings, company web sites, web mining, and call transcripts
- Provides reliable time stamps and metadata, which allows clients to analyze historical topics and the impact it had on the company's stock price
- Covers public, private, and investment firms globally with topics such as earnings announcements, dividends, board meetings, customer announcements, organization structural changes and more

### Professionals

Profiles of professionals including biography, contact data, education, compensation, affiliations, and corporate board memberships each linked to a person ID.

- Gain insight on over 3.2 million professionals with career history and relationships that capture professional changes over time
- Research individuals based on biography, contact data, education, compensation, affiliations, and corporate board membership information



## Company Relationships

The S&P Capital IQ Company Relationships package is a global database of all relationships that exist between companies in the S&P Capital IQ universe.

- Relationship types include acquisitions, investments, investment arms, lenders, affiliates, index providers, and more
- The relationship is categorized as current, prior, pending or cancelled
- Can be used to build a corporate family tree, determine the ultimate parent of a company, identify private equity sponsors, find current and prior investors in a company
- Historical coverage dates back to 2000

## Company Intelligence

Profiles of public and private firms worldwide including company contact information, competitors, financial auditors and summary or detailed-level business descriptions.

## Business Relationships

Dive deep into different relationships companies may have by analyzing details on a company's customers, suppliers, strategic alliances, and key relationship types.

## Private Equity

Access insight into current investment criteria and areas of interest for public and private investment firms, public and private funds and investment arms including:

- The range of money an investment firm looks to invest with each vehicle, alongside the fundamental ranges (enterprise value, total revenue and EBITDA) it looks for in its target companies
- The geographies the investment firm considers for private equity investments
- The industries the investment firm considers for private equity investments
- The life cycle stages and transaction types the investment firm considers for private equity investments

## Stock Selection and Risk Models

### Alpha Factor Library

One of the most comprehensive collection of global equity selection signals available today, generated using point-in-time financials.

- The Library covers both developed and emerging markets
- Composed of hundreds of stock selection signals that reflect standard investment approaches among equity investors in the alpha and risk space

## Credit Ratings

### S&P Global Ratings

Strengthen your credit risk management and benchmarking with independent credit ratings from S&P Global Ratings. Assess the underlying business, financial, industry, and economic risk factors and assessments, plus the stand-alone credit profile, which drive an analyst's rating recommendation.

- Coverage includes 9,400 Global Issuers (GI)—including: Corporates, Financial Institutions, Utility and Insurance Companies/84,000 securities, 570 Sovereign, International Public Finance and Government entities/13,000 securities, 720 U.S. Public Finance (PF) entities/680,000 securities, 12,000 Structured Finance (SF) transactions—including asset-backed, commercial mortgage-backed and residential mortgage-backed securities and collateralized debt obligations/38,000 securities
- S&P Global Ratings analytics service, CreditStats Direct®, provides adjusted financial statement data, including criteria, research, credit ratings, credit-adjusted financials and ratios
- The data covers more than 700 rated global banks and 2,700 rated corporates and utilities
- CreditStats Direct® enables you to programmatically enhance your credit scoring modeling, analysis, and risk evaluation methods in a more efficient manner

### Moody's Investors Service

Credit Ratings on 25,000+ rated fixed-income issuers and 30,000+ securities for public, corporate, and structured finance, as well as for rated sale, class and issue level securities.

## Fitch Credit Ratings

Comprehensive coverage includes 35,000+ issuers, the industry's leading source of bank ratings, and four levels of market sector indexing.

- 25 distinct rating types, including recovery, national, local currency, country ceiling, market sensitivity, and viability ratings
- Over 100 fields of issuer data

## Credit Indicators

### Probability of Default Model Market Signals (PD MS)

Identify potential default risk before it occurs with our equity market driven PD Market Signals model.

- Our econometric model captures relevant risks when calculating a counterparty's probability of default (PD) and distance to default (DD) on a daily basis
- Map PDs to lowercase letter credit scores (i.e., 'bbb')\*
- Access a pre-scored database of over 67,000 companies over the past 15 years

### Probability of Default Model Fundamentals (PD FN)

Utilizing public and private company financial statements and proprietary risk metrics, our models help you measure the likelihood of default over a number of time horizons.

- Quickly evaluate the 1-5 year default risk of public and private banks, corporations and REITS of any size
- Map PDs to lowercase letter credit scores (i.e., 'bbb') for increased comparability
- Global coverage is driven by models covering over 250 countries and more than 20 segments, regions, and industries
- Optimize your workflow with access to our pre-scored database leveraging comprehensive, timely and robust data from S&P Global Market Intelligence for over 900,000 companies globally

## CreditModel (CM)

Stay one step ahead of credit risk with our cutting edge suite of statistical credit models that utilize financial statement and macroeconomic data to generate a quantitative credit score that statistically matches a credit rating from S&P Global Ratings.

- Map scores to observed default rates to quantify default risk
- Quickly evaluate the long-term creditworthiness of mid- and large-cap, public and private, banks, insurance companies, and corporations globally
- With over 250 countries and more than 100 segment- region- and industry-specific models, CreditModel provides the coverage you need to expand your understanding of the unrated universe
- Streamline your analysis with access to our database of over 58,000 pre-scored companies worldwide

## Credit Analytics Benchmarks

Monitor trends across countries, global industries, country specific industries and popular S&P Dow Jones Equity Indices with Credit Analytics Benchmarks.

- We calculate the median, mean, quartiles and other statistical levels of risk so you can both understand a company specific level of risk, via the PD or credit score, relative to a peer benchmark
- Follow trends to uncover deteriorating or improving industries and regions

## Probability of Default (PD)

Statistical measures that are calculated utilizing a proprietary model—PD Model Market Signals Corporates

- Translates stock price volatility into credit risk indicators in order to provide daily estimates of the probability that an entity will not meet its contractual obligations
- Data is available daily for publicly traded companies

\* S&P Global Ratings does not contribute to or participate in the creation of credit scores generated by S&P Global Market Intelligence. Lowercase nomenclature is used to differentiate S&P Global Market Intelligence PD credit model scores from the credit ratings issued by S&P Global Ratings.

## Market Derived Signals (MDS)

Statistical measures that are calculated utilizing a proprietary S&P Global model.

- Evaluates CDS spreads in order to provide an early warning of potential credit changes and capture the market's daily view of a company's perceived risk
- There are approximately 1,500 entities that have an MDS, a figure that fluctuates depending on the number of CDS that are in the marketplace. Data is available daily for scored entities

## Credit Default Swap (CDS)

Credit Default Swaps, although not credit risk indicators in themselves, are used for monitoring how the market views the credit risk across a wide range of companies and financial institutions and banks. The offering contains the 5-year CDS spread content.

## Indices

### S&P Dow Jones

Index- and constituent security-level data reflecting changes and adjustments to index composition and constituent weightings of the S&P U.S., ASX, TSX, EURO 350, S&P Global 1200 indices and the S&P Global Broad Market Index ("BMI") including the BMI "Local" Series.

### MSCI

Index- and constituent security-level data for the MSCI global equity benchmark indices.

- Daily and monthly index-level history for developed markets dating back to 1970
- Daily and monthly history for emerging markets from 1987
- Constituent level data is available for both developed and emerging markets
- Access rolling 13 months of daily data history and a rolling 20 years of monthly data history

## Russell

Index- and constituent security-level data reflecting changes and adjustments to index composition and constituent weightings of the S&P U.S., ASX, TSX, EURO 350, S&P Global 1200 indices and the S&P Global Broad Market Index ("BMI") including the BMI "Local" Series.

## FTSE

Index- and constituent security-level data reflecting changes and adjustments to index composition and constituent weightings for the FTSE UK index series and the FTSE All World series.

- Current and historical constituent data history back to 2001, and daily index market data back to 1992 is available for the FTSE UK series
- Current and historical constituent data history back to 2006, and daily index market data back to 1993

## Euronext

The Euronext family of indices covers billions in multiple asset classes (e.g., futures, options, exchange-traded products, and options) across several EMEA (Europe, the Middle East and Africa) countries.

- The Euronext family of indices include:
  - AEX Index (Amsterdam Exchange Index)
  - CAC 40
  - BEL20Low Carbon 100 Europe Index
  - PSI-20®

## TOPIX

The TOPIX Index Series provides a measure of the overall trend in the stock market and is used as a benchmark for investment in Japanese stock.

## About S&P Global Market Intelligence

At S&P Global Market Intelligence, we know that not all information is important—some of it is vital. Accurate, deep and insightful. We integrate financial and industry data, research and news into tools that help track performance, generate alpha, identify investment ideas, understand competitive and industry dynamics, perform valuation and assess credit risk. Investment professionals, government agencies, corporations and universities globally can gain the intelligence essential to making the business and financial decisions with conviction.

S&P Global Market Intelligence is a division of S&P Global (NYSE: SPGI), which provides essential intelligence for individuals, companies and governments to make decisions with confidence. For more information, visit [www.spglobal.com/marketintelligence](http://www.spglobal.com/marketintelligence).

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