



## Lexsphere Data Overview

Lexsphere owns and maintains a proprietary, continuously updated database of millions of precedential U.S. judicial opinions. The dataset includes full-text appellate decisions, citations, dockets, and metadata across all 50 states and federal jurisdictions. The system is designed for accuracy, coverage, and seamless integration with enterprise workflows.

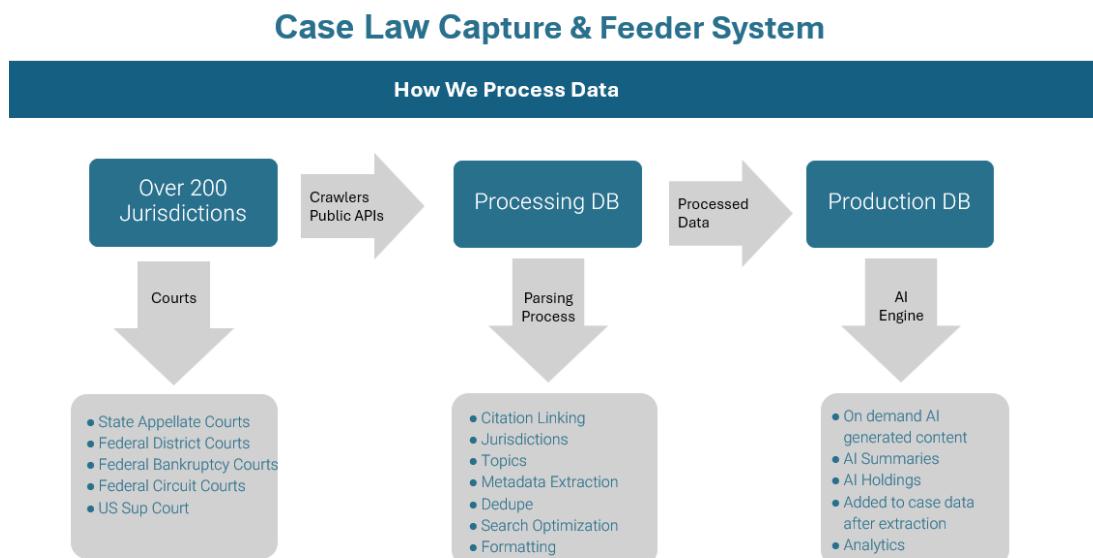
### 1. Dataset Overview

The AnyLaw Case Library contains over 8 million cases spanning 209 jurisdictions and more than 400 courts. It includes the U.S. Supreme Court, all Federal Circuit Courts, District Courts, State Supreme and Appellate Courts, Bankruptcy Courts, and Tribal Courts.

| Category          | Count   |
|-------------------|---------|
| Jurisdictions     | 200+    |
| Courts            | 400 +   |
| Cases             | 8.5 M + |
| Monthly Additions | 20 K +  |

### 2. Data Architecture & Processing Pipeline

Lexsphere's data pipeline automates acquisition, parsing, and enrichment of court opinions. Cases are collected from court websites via crawlers and public APIs, then parsed, validated, deduplicated, and indexed into Elasticsearch.



### 3. Data Structure & Format

Each case in the Lexsphere database is represented as a unified JSON document that combines the full opinion text with structured metadata such as jurisdiction, docket number, opinion date, and citations.

**Source Files.** Original case law files are preserved in their native formats (primarily PDF, with some HTML) exactly as received from each court. These raw files are securely stored in Lexsphere's AWS S3 bucket to ensure authenticity and auditability.

**Metadata Layer.** For every opinion, the pipeline generates a corresponding structured JSON metadata file extracted from the court's source. This metadata includes key identifiers — court name, docket number, publication status, opinion date, and outbound citations — which are normalized and validated against the originating source.

```
{  
  "documents": [  
    {  
      "id": "H42GQWYBT1TomsSBT--K",  
      "filename": "doc_0001_H42GQWYBT1TomsSBT--K.json",  
      "title": "MCCONNELL v. FEDERAL ELECTION COMMISSION",  
      "jurisdiction": "District of Columbia",  
      "date": "2003-05-01T00:00:00.000Z",  
      "body_length": 2755476,  
      "cited_as": [  
        "251 F. Supp.2d 176"  
      ],  
    },  
  ]}
```

**Unified Record.** During indexing, the parsed opinion text is merged with its metadata to create a single JSON document containing multiple tagged fields (e.g., jurisdiction, citations, court level, and publication status). This unified design allows new tags, filters, or AI-generated enrichments (summaries, holdings, or analytics) to be added without altering the core structure.

**Indexing & Retrieval.** All unified JSON records are indexed into Elasticsearch, enabling high-speed search, categorization, and classification across millions of opinions. The dataset is fully optimized for ingestion into a variety of databases including vector databases, or AI model pipelines, supporting both real-time querying and bulk analysis.

## **4. Maintenance and Quality Assurance**

AnyLaw continuously monitors all participating court sites to ensure coverage completeness and freshness. Processes include backfilling, metadata normalization, citation linking, deduplication, and validation against court records. Quality assurance workflows are automated yet regularly audited by the Lexsphere team.

## **5. Use Cases for Licensees**

Enterprise partners leverage Lexsphere data to:

1. Train and fine-tune legal AI models (RAG, LLMs).
2. Embed legal research tools within practice management platforms.
3. Power analytics, citators, and compliance solutions.
4. Support academic, judicial, or institutional research initiatives.

## **6. Courts**

The following is a list of our collection of opinions for jurisdictions includes both the lower appellate court(s) and the upper or final court of appeal for that jurisdiction, whatever it might be named. Because the court systems of states are independent from federal jurisdictions, there is no continuity in terms of start dates for either the lower appellate courts nor the final court of appeal, both largely depending on each state's unique legislation. In addition, lower appellate courts, make their decisions available for public databasing and thus a very few may not be represented within this collection. Tribal law is included in the collection.

| Court   | Start Date |
|---|------------|
| <b>U.S. Supreme Court</b>                           | 1882       |
| <b>U.S. Federal Circuit Courts, Included States</b> |            |
| 1st Circuit: MA, ME, NH, PR, RI                     | 1930       |
| 2nd Circuit: CT, NY, VT                             | 1930       |
| 3rd Circuit: DE, NJ, PA, VI                         | 1930       |
| 4th Circuit: MD, NC, SC, VA, WV                     | 1930       |

|  |      |
|--|------|
|  |      |
| 5th Circuit: LA, MS, TX                                    | 1930 |
|  |      |
| 6th Circuit: KY, MI, OH, TN)                               | 1930 |
|  |      |
| 7th Circuit: IL, IN, WI)                                   | 1930 |
|  |      |
| 8th Circuit: AR, IA, MN, MO, ND, NE, SD                    | 1930 |
|  |      |
| 9th Circuit: AK, AZ, CA, GU, HI, ID, MP, MT,<br>NV, OR, WA | 1941 |
|  |      |
| 10th Circuit: CO, KS, NM, OK, UT, WY                       | 1930 |
|  |      |
| 11th Circuit: AL, FL, GA                                   | 1981 |
|  |      |
| D. C. Circuit: DC  | 1950 |
|  |      |
| Federal Circuit  | 1982 |
|  |      |
| <b>U.S. Federal District Courts</b>                        |      |
| Alabama Middle District                                    | 1968 |
| Alabama Northern District                                  | 1980 |
| Alabama Southern District                                  | 1957 |
| Alaska District  | 1953 |
| Arizona District   | 1966 |
| Arkansas Eastern District                                  | 1954 |
| Arkansas Western District                                  | 1953 |
| California Central District                                | 1950 |
| California Eastern District                                | 1974 |
| California Northern District                               | 1943 |
| California Southern District                               | 1933 |
| Colorado District  | 1932 |
| Connecticut District                                       | 1932 |
| Delaware District  | 1932 |
| DC District  | 1936 |
| Florida Middle District                                    | 1963 |
| Florida Northern District                                  | 1947 |
| Florida Southern District                                  | 1932 |
| Georgia Middle District                                    | 1945 |
| Georgia Northern District                                  | 1932 |
| Georgia Southern District                                  | 1939 |

|                                 |      |
|---------------------------------|------|
| Hawaii District                 | 1947 |
| Idaho District                  | 1947 |
| Illinois Central District       | 1950 |
| Illinois Northern District      | 1950 |
| Illinois Southern District      | 1954 |
| Indiana Northern District       | 1965 |
| Indiana Southern District       | 1952 |
| Iowa Northern District          | 1940 |
| Iowa Southern District          | 1960 |
| Kansas District                 | 1938 |
| Kentucky Eastern District       | 1932 |
| Kentucky Western District       | 1932 |
| Louisiana Eastern District      | 1932 |
| Louisiana Middle District       | 1972 |
| Louisiana Western District      | 1932 |
| Maine District                  | 1934 |
| Maryland District               | 1932 |
| Massachusetts District          | 1931 |
| Michigan Eastern District       | 1940 |
| Michigan Western District       | 1945 |
| Minnesota District              | 1931 |
| Mississippi Northern District   | 1959 |
| Mississippi Southern District   | 1951 |
| Missouri Eastern District       | 1932 |
| Missouri Western District       | 1931 |
| Montana District                | 1932 |
| Nebraska District               | 1934 |
| Nevada District                 | 1933 |
| New Hampshire District          | 1932 |
| New Jersey District             | 1932 |
| New Mexico District             | 1952 |
| New York Eastern District       | 1930 |
| New York Northern District      | 1939 |
| New York Southern District      | 1932 |
| New York Western District       | 1932 |
| North Carolina Eastern District | 1949 |
| North Carolina Middle District  | 1949 |
| North Carolina Western District | 1949 |
| North Dakota District           | 1948 |
| Ohio Northern District          | 1943 |
| Ohio Southern District          | 1945 |
| Oklahoma Eastern District       | 1938 |

|                                 |      |
|---------------------------------|------|
| Oklahoma Northern District      | 1932 |
| Oklahoma Western District       | 1930 |
| Oregon District                 | 1932 |
| Pennsylvania Eastern District   | 1931 |
| Pennsylvania Middle District    | 1945 |
| Pennsylvania Western District   | 1931 |
| Rhode Island District           | 1934 |
| South Carolina District         | 1950 |
| South Dakota District           | 1954 |
| Tennessee Eastern District      | 1939 |
| Tennessee Middle District       | 1945 |
| Tennessee Western District      | 1956 |
| Texas Eastern District          | 1951 |
| Texas Northern District         | 1932 |
| Texas Southern District         | 1932 |
| Texas Western District          | 1931 |
| Utah District                   | 1950 |
| Vermont District                | 1960 |
| Virginia Eastern District       | 1934 |
| Virginia Western District       | 1941 |
| Washington Eastern District     | 1974 |
| Washington Western District     | 1944 |
| West Virginia Northern District | 1934 |
| West Virginia Southern District | 1933 |
| Wisconsin Eastern District      | 1950 |
| Wisconsin Western District      | 1964 |
| Wyoming District                | 1953 |
| <br>                            |      |
| <b>State Appellate Courts</b>   |      |
| Alabama                         | 1955 |
| Alaska                          | 1962 |
| Arizona                         | 1930 |
| Arkansas                        | 1950 |
| California                      | 1930 |
| Colorado                        | 1930 |
| Connecticut                     | 1950 |
| Delaware                        | 1950 |
| Dist. of Columbia               | 1945 |
| Florida                         | 1910 |
| Georgia                         | 1940 |
| Hawaii                          | 1930 |
| Idaho                           | 1964 |

|                |                                |
|----------------|--------------------------------|
| Illinois       | 1950                           |
| Indiana        | 1940                           |
| Iowa           | 1936                           |
| Kansas         | 1950                           |
| Kentucky       | 1943                           |
| Louisiana      | 1980                           |
| Maine          | 1940                           |
| Maryland       | 1949                           |
| Massachusetts  | 1930                           |
| Michigan       | 1930                           |
| Minnesota      | 1930                           |
| Mississippi    | 1954                           |
| Missouri       | 1960                           |
| Montana        | 1925                           |
| Nebraska       | 1965                           |
| Nevada         | 1865                           |
| New Hampshire  | 1930                           |
| New Jersey     | 1930                           |
| New Mexico     | 1930                           |
| New York       | 1848                           |
| North Carolina | 1943                           |
| North Dakota   | 1930                           |
| Ohio           | 1950                           |
| Oklahoma       | 1954                           |
| Oregon         | 1950                           |
| Pennsylvania   | 1950                           |
| Rhode Island   | 1950                           |
| South Carolina | 1950                           |
| South Dakota   | 1965                           |
| Tennessee      | 1950                           |
| Texas          | 1950                           |
| Utah           | 1950                           |
| Vermont        | 1930                           |
| Virginia       | 1930                           |
| Washington     | 1935                           |
| West Virginia  | 1970                           |
| Wisconsin      | 1945                           |
| Wyoming        | 1960<br>A143 A135<br>A145:B186 |